By the authority of the Duke of Norfolk, Earl Marshal and Hereditary Marshal of England, the Kings of Arms assigned arms to Massey University on the 10th day of May 1967. The arms are defined as:

Gyronny of 10 argent and azure a mullet gules fimbriated argent and irradiated or and for the crest on a wreath of the colours issuant from flames proper a ram’s head argent horned and ensigned by the horns of the African long-legged ram.

On a scroll appear the words ‘floreat scientia’, which means, translated from Latin, ‘Let knowledge flourish’.

The symbolism of the design is interpreted as follows:

The star is from the Arms of New Zealand. Here it also represents knowledge and learning and so has been irradiated. It is in the centre of the shield, being the central theme of the University. The background, a gyronny of 10 pieces in blue and white, represents the 10 degrees first offered by the University. The crest is the ram’s head that was used in former years by the students’ association. This, with its four horns, is unusual and memorable and provides a link with agriculture and the former college. There are many ram’s head crests used in heraldry, so this one is made distinctive by proceeding from flames of learning. The flames also suggest, phoenix-like, the idea of a new body being born out of an old.

The University colours and their British Colour Council reference numbers are:

<table>
<thead>
<tr>
<th>BCC Name</th>
<th>BCC Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>University blue</td>
<td>midnight 90</td>
</tr>
<tr>
<td>Light blue</td>
<td>forget-me-not 84</td>
</tr>
<tr>
<td>White</td>
<td></td>
</tr>
</tbody>
</table>
Welcome Message

Welcome to Massey University. Ka rere atu ngā mihi o Te Kunenga ki Pūrehuroa ki a koutou.

Throughout its history, Massey has played a uniquely important role in the development of New Zealand through its groundbreaking research, its distinctive mix of internal, distance (extramural) and international teaching, commitment to innovation, and connections with communities.

Massey has served generations of learners from all backgrounds. Our students experience research-led teaching, innovative modes of delivery, outstanding student support services and high-quality resources.

Our ambition is that all Massey students graduate with academic excellence and creative, innovative approaches that will serve them well in whatever they choose to do. The concepts and sentiments in this welcome underpin the Massey University waiata – Te Kunenga ki Pūrehuroa.

Nei rā te reo karanga e tau atu nei
Ki te hāpai ake i te rau tāngata
Whakaako, whakaeke ki te kōmata
Te ara mātauranga ka whakarewa e
Te māramatanga ka kītea e
Kimihia, rangahaua kia whita e
Te Kunenga ki Pūrehuroa!

The staff at Massey University joins with me in wishing you well with your studies.

Nō reira, tēnā koutou katoa,
Professor Jan Thomas
Vice-Chancellor

University Council

Massey University’s governing body is the University Council. Council members include lay, academic and student members and are responsible for overseeing the management and control of the affairs, concerns and property of the University. Its Chair and ceremonial head of the University is the Chancellor, elected by Council from within its ranks. Council meets on the first Friday of March, May, July and December and the last Friday in September unless otherwise notified.

The University Council is established consistent with Sections 165–183 of the Education Act 1989.

The Council

Appointed by the Minister of Education
Michael Ahie, BBS(Hons)
Dr Helen Anderson, QSO, PhD Cantab, CRSNZ, FInstD
Colin Harvey, ONZM, BAgSc, BCC Auck.
Ben Vanderkolk, LLB Cant.

Vice-Chancellor of the University
Professor Jan Thomas, BSc Murd., BVMS Murd., MVS Melb., PhD Murd., MACVS, FAICD, FAIM

Elected by Permanent Members of the Academic Staff
Distinguished Professor Gaven Martin, MSc, PhD Michigan, FRSNZ, FAMS, FNZMS

Elected by Permanent Members of the Professional Staff
Jacqui Hofmann, GDiplInfSc, BA Well.

Elected by Massey University students and appointed by Council
David McNab, BBS, MInstD

Appointed by the Massey University Council on the Nomination of the Vice-Chancellor
Ian Marshall, BCom Natal, CANZ, CASA
Carl Worker, MA Osf.
Tina Wilson, BBS, BA
Appointment pending
Council Committees

Finance and Assurance Committee
Chairperson
Ian Marshall, BCom Natal, CANZ, CASA

Performance and Remuneration Review Committee
Chairperson
Ben Vanderkolk, LLB Cant.

Disciplinary Committee
Chairperson
Paul W. Rieger, QSO, JP

Academic Board
Chairperson
Distinguished Professor Sally Morgan, BA(Hons) Sheff Halam, MA Warw., KASKA, Antwerp

Council Committees

Finance and Assurance Committee

Chairperson
Ian Marshall, BCom Natal, CANZ, CASA

Performance and Remuneration Review Committee

Chairperson
Ben Vanderkolk, LLB Cant.

Disciplinary Committee

Chairperson
Paul W. Rieger, QSO, JP

Academic Board

Chairperson
Distinguished Professor Sally Morgan, BA(Hons) Sheff Halam, MA Warw., KASKA, Antwerp

Academic Board

The Academic Board is established pursuant to the Education Act 1989 Section 182(a) and (b). The membership of the Board shall be comprised as follows:

- Vice-Chancellor
- Assistant Vice-Chancellors (Research, Academic and Enterprise and Māori and Pasifika)
- Pro Vice-Chancellors (Business, Creative Arts, Health, Humanities and Social Sciences, Sciences)
- Directors (Pasifika, and Teaching and Learning)
- Academic Board Sub-Committee Chairs (Scholarships, Human Ethics Chairs and Library)
- College Board Chairs (unless appointed in another capacity)
- Academic Board Sub-Committees: Sub-Committee Chair: Doctoral Research
- Assistant Vice-Chancellor Operations, International and University Registrar
- University Librarian
- Two elected Māori Academic staff
- 15 elected Professors, three from each College
- 15 elected Academic staff, three from each College
- Five student representatives (representing undergraduate, postgraduate, distance, Māori, Pasifika and international student interests).

Academic Board Committees

Academic Committee
Chairperson
Professor Giselle Byrnes, BA Waik., MA Waik., PhD Auck.

Human Ethics Chairs Committee
Chairperson
Dr Brian Finch, MA Auck., EdD, DipSLT, DipTchg

Teaching and Learning Committee
Chairperson
Professor Sarah Leberman, BA Camb., MA(Appl) Well., PhD Well., CertACE Vic.(Aust.)

University Library Committee
Chairperson
Professor Peter Lineham, BD Otago, MA Cant., DPhil Sus.

University Research Committee
Chairperson
Professor Giselle Byrnes, BA Waik., MA Waik., PhD Auck.

Doctoral Research Committee
Chairperson
Associate Professor Tracy Riley, BSc Delta St., MEd Sth Miss., PhD Sth Miss

University Scholarships Committee
Chairperson
Professor Giselle Byrnes, BA Waik., MA Waik., PhD Auck.

College of Business College Board
Chairperson
Professor Theodore (Ted) Zorn, BA Charleston, MA Kentucky, PhD Kentucky

College of Creative Arts College Board
Chairperson
Professor Claire Robinson, BDes, BA(Hons), PhD

College of Health College Board
Chairperson
Professor Jane Mills, GradCertEd James Cook, BN Tas., MN Tas., MEd C.Start, PhD Monash

College of Humanities and Social Sciences College Board
Chairperson
Professor Chris Gallavin, LLB(Hons) Cant., PhD Hull

College of Sciences College Academic Board
Chairperson
Professor Raymond Geor, BVSC, MVSC Sask., PhD Ohio St., DACVIM

Officers of the University

Chancellor
Michael Ahie, BBS(Hons)

Pro Chancellor
Dr Helen Anderson, QSO, PhD Camb., CRSNZ, FInstD

Vice-Chancellor
Professor Jan Thomas, BSc Murd., BVMS Murd., MVS Melb., PhD Murd., MACVS, FAICD, FAIM

University Registrar
Stuart Morriss, BAgSc, MPP Well., DipBusStuds

Legislative and Regulatory Framework

Tiriti o Waitangi – Treaty of Waitangi

Ul a i a Te Kunenga ki Pārehuroa ki te āhui i ngā mātāpono o Te Tiriti o Waitangi ki roto ki ngā kaupapa here me ngā māhi a te Whare wānanga, ā, ka ngākau kotahi te aro ki ngā painga ka puta. Ka whakatairanga o te Whare wānanga me te mātauranga o te Whare wānanga, ka poipoi ngātahitia ngā ātitakanga o te wānanga a te Whare wānanga a te Whare wānanga, ka poipoi ngātahitia ngā ātitakanga o te wānanga a te Whare wānanga, ka poipoi ngātahitia ngā ātitakanga o te wānanga a te Whare wānanga.
Kia whaihua tahi ai me te Māori, ā, ka tautoko i ngā hōtaka whakako, hōtaka rangahau e ēhangai ana ki ō te Māori wawata me ēna tikanga.

Massey University is committed to giving effect to the principles of the Treaty of Waitangi within the policies and practices of the University and to recognising the mutual benefits that follow. It will promote Māori development and full Māori participation across the University, maintain the Māori language as an official language of the University, foster mutual regard and understanding for academic knowledge and customary Māori knowledge, recognise and acknowledge the special status of tangata whenua in the mana whenua of each campus, seek opportunities for mutually beneficial partnerships with Māori, and facilitate teaching and research programmes consistent with Māori aspirations and processes.

Ngā Ture o te Whare Pāremata – Acts of Parliament

Me ū Te Kunenga ki Pārehuora, pārā i ngā Kura Mātauranga Tuatoru o Aoteaora, ki ngā kōrero o te Ture Mātauranga 1989 (tae atu ki ngā whakatātia). Ka tautau tēnei Ture i te kaupapa ture me ngā mahi ai te Kaunihera me ētahi atu kaupapa e pā ana ki ngā kura tuatoru. Kua whakatātiria Te Kunenga ki Pārehuora ki rāro ki te Ture Massey University 1963 me te Īwanga 162(1)(a) o te Ture Mātauranga 1989. Massey University, like all tertiary education institutions in New Zealand, is subject to the provisions of the Education Act 1989 (including amendments). This Act specifies the constitution, functions and duties of the Council and other matters relating to tertiary institutions.

Massey University is constituted by the Massey University Act 1963 and Section 162(1)(a) of the Education Act 1989.

Policy Guide

The Massey University Policy Guide is the authorised and definitive catalogue of approved policies within Massey University. Policies articulate the principles, values, and statements of intent and compliance requirements of the University. All members of the University community are expected to comply with relevant policies, including: Academic, Campus Facilities, Contract Management, Finance, Health and Safety, Information Technology Services, International, People and Organisational Development, Research, Risk Management, and University Management. The policies of the University are published in the Policy Guide at: policyguide.massey.ac.nz

Privacy of Personal Information – Students

Massey University will collect, use, store, and disclose personal information relating to students in accordance with the provisions of the Privacy Act 1993. Where practicable all such personal information is obtained directly from students, or from their nominated agent(s). Additionally, information may be obtained or verified through relevant government or education agencies, including the New Zealand National Student Index. Information will be stored on University files and database(s) and all reasonable security measures will be maintained. A unique identifier will be assigned to each student, which will be used in conjunction with a secondary means of identification or password/PIN.

Staff members and other personnel within the University or within agencies under contract to the University will have access to students’ personal information for purposes relevant to normal university operations including but not limited to: student recruitment, marketing, admission, enrolment, study, academic progress, tuition fees and charges, establishing and maintaining academic and graduation records, assessment, academic agreements (exchange/study abroad partners, scholarship providers or sponsors, programme delivery partners), academic advice and support, student services, discipline, security and safety, Library and IT services, managing students’ association(s) membership and records, managing records of graduates and other alumni, and managing and improving the quality of services provided by the University.

In order to conduct its proper business and as required under the Education Act 1989 and other laws, regulations, and contractual agreements by which it is bound, the University may use the student information it holds and may disclose information to external agencies such as government departments, bodies responsible for course moderation and professional accreditation or membership, agencies for financial support and pastoral care, and university student and alumni associations.

Such agencies include, but are not limited to:

- The Ministry of Education (information will be recorded on the National Student Index and used in an authorised information-matching programme with the New Zealand Birth Register)
- The Ministry of Social Development (including Work and Income New Zealand and StudyLink)
- Inland Revenue Department
- Te Puni Kōkiri
- Immigration New Zealand (for students who are not New Zealand citizens)
- Relevant professional bodies
- Course moderation or accreditation bodies
- Tertiary Education Commission
- Ministry of Trade and Enterprise
- Education New Zealand

Information provided to external agencies is either student specific (typically name, date of birth, current contact details and academic/graduation details) or cohort specific (aggregated or statistical information that does not identify individuals).

Where provision or disclosure of information is voluntary or falls outside the scope of information the University is permitted to collect, store, use and disclose under the Privacy Act 1993, students will be advised and their consent will be obtained prior to the provision or disclosure of information. The University will make information held about students available to them upon request and in accordance with the Privacy Act 1993, which also describes the conditions under which information may be withheld. Students have the right to request correction of personal information held in accordance with the provisions of the Privacy Act 1993. If a student withholds information or provides incomplete, false or misleading information the University may decline or cancel the admission or enrolment and may withhold the academic record if its veracity cannot be confirmed.

This privacy statement operates in conjunction with any other privacy statement. These can be found at privacy.massey.ac.nz.

Note: This privacy statement is under review at the time of publication.

Massey University Strategy 2018–2022

Ko Te Kunenga ki Pārehuora te kaupapa e tū ngātahi ai tātou hei whaihanga i ngā mōno mātāauranga ki te pae o angitū. He ara putanga tauira, he ara e hua ai ngā tini kaupapa ki Aoteaora puta noa i te ao whānui. Kia tōi te mana motuhake o te iwi Māori, kia tōi te reo Māori, kia tōi te ora te tanga, te rangi me te whenua mā reira e whakatinana ai te mana o Te Tiriti o Waitangi.

Massey University’s unique position and reputation is based on:

- World-leading pure and applied research, conducted in partnership with industries and the communities we serve;
- Curious, world-ready graduates with entrepreneurial acumen and capability, who create jobs for others and are committed to making a better world;
- A heritage of excellence, high quality and integrity, which ensures authentic leadership in contemporary Aoteaora New Zealand;
- Role-modelling excellent practice as a Tiriti o Waitangi-led institution;
- A reputation for caring, and a commitment to our people and our places.

We are inspired by our name Te Kunenga Ki Pārehuora; from inception to infinity. Massey is not simply defined by what we do, but by how we do it.

Ō Mua - Our Past

Massey University and its predecessors were established to deliver positive, research-led and innovative responses to the needs of a young nation and to drive and enable economic and cultural advancement. This ethos imbues Massey’s past, present and future.

Massey University first founded its international reputation as a world-class agricultural college in Palmerston North in 1927. In 1960, Massey led the way in distance higher education. In 1993, it established a campus in Auckland, and in 1999 it incorporated the renowned School of Design, established in Wellington in 1886. It now delivers teaching and research across a range of areas that combine the universal search for knowledge with addressing real-world problems. Our world leading reputation now extends across many diverse disciplines, all with international excellence and national significance in common.

Ō Nāia nei - Our Present

Competition for students and staff - both domestic and international - and funding remains intense. Dramatic technological innovations create new
opportunities and challenges in teaching and research. Students demand a superb personalised learning experience that is student focused, flexible and delivers technologically appropriate learning, wherever and however they chose to study. Blended learning continues to reduce the barriers of distance as it transforms the way internal students learn.

Global megatrends such as climate change, population growth, urbanisation, demands for food and water security and sustainable energy, personalisation and geopolitical uncertainty require that universities such as Massey step forward and actively respond. They must create important new knowledge, educate the next generation of leaders and they must also be the critic and conscience of society.

As we look to the future, we will make sure that our research is exceptional, and that it expands knowledge and improves the lives of communities and individuals across the globe.

O Āpōpo - Ō Our Future
As Aotearoa New Zealand transforms, so too does Massey University. This transformation positions us to lead globally.

Massey is a world-leading university in many academic disciplines and fields of research. Our point of difference is our world-leading research, which is connected to community and industry. By strategically investing in disciplinary research excellence we will create a virtuous cycle that amplifies our international and national research impact. Operating in the real world and through international collaborations, our researchers are developing expertise and skills to advance human knowledge and understanding. Working together across disciplines and locations, we solve national and global problems through fundamental, applied and interdisciplinary research, while culturally and artistically enriching our world.

As a Tiriti-led University we are committed to demonstrating authentic leadership in contemporary Aotearoa New Zealand as we uphold Te Tiriti o Waitangi, the founding document of our nation, and its principles through our practice. Massey embraces this not just as an obligation but as a real opportunity for the nation and its people. The University will champion new strategies for advancement and integration of te reo Māori and Māori knowledge, it will demonstrate informed practices consistent with tikanga Māori and will embrace kaupapa Māori across our activities. Massey’s teaching and research will contribute to advanced outcomes for whānau, hapū and iwi.

Our educators are preparing a new generation of global leaders. Our students are diverse and are attracted to Massey because they want to achieve their personal goals or make their mark in the world. Our programmes are researched-led, informed by the best local and global experience, and have international standing.

Our students will experience world-class learning that recognises their intellectual and cultural strengths, expands their horizons and prepares them to contribute to a rapidly transforming world with skills, critical and creative thinking and leadership. We will integrate curricula, pedagogy and digitally-supported learning environments to support our students’ learning journeys.

All our students will have the opportunity to work in industry, with communities and community agencies or iwi, or as active citizens, artists, writers or researchers. Our students will be encouraged to develop entrepreneurial skills that ensure individual success. Our best advertisement is the achievement of our graduates, who make a positive contribution and create jobs for others.

Massey will be renowned for its passion and its caring attitude. This will be particularly demonstrated in how we care for our staff, our students, our nation and our environment.

We will encourage evidence-based critical debate and ensure that a Massey education includes the skills of critical thinking, curiosity and commitment that are essential for national and global citizenship. Massey graduates will be equipped to lead in an uncertain future.

All Massey campuses will be innovation ecosystems, acting as magnets for smart enterprises. Wherever we are, we will operate in partnerships founded in respect, trust and mutual benefit.

Massey is not only defined by what we do, but by how we do it.

STRATEGY

1. RESEARCH – NGĀ KETE O TE WĀNANGA
We will be a world leader in our chosen areas of research

2. LEARNING AND TEACHING – TE AKO
We will provide a distinctive student-centred learning experience for all students. Graduates will be enabled to actively participate in the existing and new economies as educated citizens around the world

3. CIVIC LEADERSHIP – HEI ARATAKI
To be known for our leadership on matters of interest nationally and internationally, in particular on the social, economic, cultural and environmental issues faced by Aotearoa New Zealand, including those that affect tangata whenua.

4. ENABLING EXCELLENCE – TE PÆ O ANGITU
We will enable research excellence, learning and teaching excellence and leadership.

Environmental Mission Statement
Massey University is committed to the principles of environmental responsibility and sustainable resource management at local, national and international levels. It will meet this commitment through community involvement and leadership in education, research and sustainable management practices.

The Massey University Environmental Policy translates the above statement into the following general concepts of environmental responsibility for the University:

• A commitment to the principles of environmental sustainability and to raising environmental awareness, understanding and responsibility throughout the University, the local communities within which its campuses are situated, and in all the wider partnerships and associations beyond the University.

• A whole-institution commitment to environmental responsibility and to sustainability, fostered by wide and continuing consultation.

• A commitment to education for sustainability as a lifelong process for all through interdisciplinary and holistic learning programmes.

• A commitment to research into environmental issues at local, national and global levels and into the processes of education for sustainability.

The above principles define the general concept of environmental sustainability for the University. They also identify the context for three specific areas of responsibility:

• Education and research for sustainability;

• Sustainable resource management; and

• Wider community involvement in environmental issues.

We will be a world leader in our chosen areas of research.

3. CIVIC LEADERSHIP – HEI ARATAKI
To be known for our leadership on matters of interest nationally and internationally, in particular on the social, economic, cultural and environmental issues faced by Aotearoa New Zealand, including those that affect tangata whenua.

4. ENABLING EXCELLENCE – TE PÆ O ANGITU
We will enable research excellence, learning and teaching excellence and leadership.

Environmental Mission Statement
Massey University is committed to the principles of environmental responsibility and sustainable resource management at local, national and international levels. It will meet this commitment through community involvement and leadership in education, research and sustainable management practices.

The Massey University Environmental Policy translates the above statement into the following general concepts of environmental responsibility for the University:

• A commitment to the principles of environmental sustainability and to raising environmental awareness, understanding and responsibility throughout the University, the local communities within which its campuses are situated, and in all the wider partnerships and associations beyond the University.

• A whole-institution commitment to environmental responsibility and to sustainability, fostered by wide and continuing consultation.

• A commitment to education for sustainability as a lifelong process for all through interdisciplinary and holistic learning programmes.

• A commitment to research into environmental issues at local, national and global levels and into the processes of education for sustainability.

The above principles define the general concept of environmental sustainability for the University. They also identify the context for three specific areas of responsibility:

• Education and research for sustainability;

• Sustainable resource management; and

• Wider community involvement in environmental issues.

Back to Contents

History and Campuses

History
The University, established in 1964, grew out of an antecedent institution called Massey Agricultural College. The College evolved from developments at both Victoria University College and Auckland University College in the 1920s.

The first Chair established in the College of Sciences is named after Sir Walter Clarke Buchanan, whose contribution towards the founding of a Chair in Agriculture at Victoria University College led to the appointment of Professor G. S. Peren as Professor of Agriculture in 1924. A bequest from Sir John Logan Campbell led to the creation of a Chair in Agriculture at Auckland University College, to which Professor W. Riddet was appointed in 1925. The present Chair in Food Technology commemorates this benefaction. Two Schools of Agriculture were initially established, and in 1926 it was resolved by a committee of both Colleges that the Schools should be amalgamated and their combined resources devoted to the establishment of a single institution in the Manawatū. This decision was implemented by the passing of the New Zealand Agricultural College Act in 1926 and by the purchase of the Batchelor estate on the south side of the Manawatū River near Palmerston North. In succeeding years the College acquired several adjoining properties as the need for farm land and building sites increased.

The College was renamed in 1927 after William Ferguson Massey, a former Prime Minister, by an amendment to the Agricultural College Act. In March of 1928 Massey Agricultural College was formally opened. Professor Peren became Walter Clarke Buchanan Professor of Agriculture and Principal of the College, and Professor Riddet became Logan Campbell Professor of Agriculture and Director of the Dairy Research Institute. There were other staff appointments in Soil Chemistry, Agricultural Botany, Agricultural

edited
Economics, Livestock and Veterinary Science, Agricultural Zoology, and Bacteriology. The College offered courses leading to the degrees of Bachelor of Agricultural Science and Master of Agricultural Science of the University of New Zealand. It also offered a variety of shorter courses in aspects of farm management and technology leading to College diplomas and certificates. Eighty-four students enrolled in the first year.

The history of the College for the next 25 years was one of consolidation as a residential agricultural college, steady expansion of these teaching programmes and development as a research institution in cooperation with the New Zealand Dairy Research Institute and units of the Department of Scientific and Industrial Research. For 14 years following the School of Agriculture Act 1937, Massey Agricultural College and Canterbury Agricultural College at Lincoln constituted the New Zealand School of Agriculture under the direction of a joint Council that coordinated their activities, although each College retained its own Board of Governors. This Act was repealed in 1951.

The post-war period was marked by the introduction of degree courses in Horticulture in 1948, as well as the acquisition of approximately 200 acres to the immediate south in 1946. “Wharerata”, a large homestead set in 16 acres of garden and bush, was added in 1951 following the addition of the farm known as “Tuapaka” near Aokautere in 1948.

In 1960 a branch of the Victoria University of Wellington was founded in Palmerston North on a 30 acre site at Hokowhitu and nearby Caccia Birch House. Extramural courses were offered throughout the country in selected subjects and tuition provided to Arts students in the Manawatū area. After the dissolution of the University of New Zealand at the end of 1961, Massey College elected, in terms of the Massey College Act of that year, to associate itself with Victoria University pending the assumption of full autonomy. This association was retained in the Massey University College of Manawatu Act 1962, which amalgamated Massey and the branch of Victoria University as from 1 January 1963, the latter becoming the General Studies Faculty of the new institution. By virtue of the Massey University of Manawatu Act 1963, the University was granted autonomy and degree-conferring powers as from 1 January 1964. The ten degrees listed in the Schedule to that Act are symbolised in the gynnony of the University Arms. Amendments abbreviating the name to Massey University were passed in 1966.

These developments, coinciding with a programme of curricular expansion initiated in the late 1950s, led to the establishment of many new departments and to a substantial increase in the number of teaching, research and technical staff. First-year science courses were introduced in 1958. Students working in agricultural degrees had formerly undertaken these prerequisite studies at one of the four colleges of the University of New Zealand. The Faculty of Technology was established in 1961 and the Faculty of Veterinary Science a year later. In 1965 the Faculty of Science was founded, where work continues to be concentrated on the biological sciences. In the same year General Studies was reorganised into two new Faculties, Humanities and Social Sciences. These were consolidated on the main site in 1968 and the Hokowhitu property was made available for the development of the Palmerston North Teachers’ College, which was initially established in 1956 at another location. To coordinate the expanding graduate and research activities of the University, a School of Graduate Studies was created in 1969.

Business Studies courses, directed by a Board of Studies, were first offered in 1971, and in 1972 joint teacher education and cooperation between the University and Palmerston North Teachers’ College was formalised by the creation of a School of Education. Business Studies and Education are now both Colleges.

A School of Aviation was established in 1990. In the early 1990s, further schools were formed in Applied and International Economics and Mathematical and Information Sciences. In 1994 the latter became the Faculty of Information and Mathematical Sciences. For much of its work the University has national responsibilities; for instance, in agriculture, veterinary and extramural education. For other purposes, such as extension work and school accreditation, the University region is defined to the north by a line running from Waitara to Wairoa and to the south by a line running from the Waikawa River through to Mount Bruce. As the scope of its activities has broadened, the University has maintained since 1963 an extensive building and development programme designed to preserve as much as possible the semi-rural character of the campus; additional farm land has also been purchased during this period.

In 1996, Massey University merged with the Palmerston North College of Education and in 1997 the first College was established: the College of Education comprising the University Faculty and the former Palmerston North College of Education. Later in 1997 the following Colleges were established: the College of Business, comprising the former Faculty of Business Studies, the School of Aviation and the School of Applied and International Economics; the College of Humanities and Social Sciences, comprising the former Faculties of Humanities and Social Sciences; the College of Sciences, comprising the former Faculties of Science, Technology, Agricultural and Horticultural Sciences, Information and Mathematical Sciences and Veterinary Science. In 1999 the College of Design, Fine Arts and Music was formed as the result of a merger with the Wellington Polytechnic. In 2005 Te Kōkī New Zealand School of Music (NZSM), was formed by collaboration between Massey University and Victoria University. The College of Design, Fine Arts and Music was renamed College of Creative Arts. NZSM ceased to be a joint venture between the two universities on 1 July 2014, at which time Victoria University purchased the assets of NZSM Ltd. In 2013 the College of Health was established, and the College of Education was re-designed as the Massey University Institute of Education within the College of Humanities and Social Sciences.

Massey University’s total roll in 2016 was 31,501 comprising 7,247 internal/ block mode students at Palmerston North, 7,721 at Auckland and 3,621 at Wellington, as well as 12,912 distance educational students. The continuing development of the University is also reflected in the growing number of research and service units and of student halls of residence on the campus and adjacent sites. Descriptions of courses of study, research activities, departmental interests, halls, farms, the library and other general facilities available at the University are given in later sections. Reference may also be made to other information booklets published by the University.

**Multicampus Structure**

Massey University now comprises five Colleges and 29 academic units located across three campuses in the North Island.

- **Camperubs**
  - Auckland
  - Manawatu
  - Wellington

- **Student Recruitment Advisors**
  - Auckland
  - Tauranga
  - Napier
  - Manawatu
  - Wellington

**Massey University Manawatū**

Massey University’s early beginnings were in the Manawatū, as an agricultural college founded in 1928. Throughout its history, right from those first days, Massey University has been seen as an engine of change. Firstly, by providing the knowledge that underpinned New Zealand’s agricultural and food industries. Today Massey University has extended out that leadership to the areas of design and fine arts, education, humanities and social science and business.

Today the Manawatū campus is home to New Zealand’s largest institution for the life sciences, agricultural, horticultural and veterinary teaching and research and is a leader in industrial innovation through areas such as food science and technology, biotechnology, advanced material sciences and product development. It hosts Food HQ, a research collaboration between Massey and other local and international stakeholders in the agri-food business.

The University has two sites in Palmerston North. Hokowhitu is the site of some of the University’s administrative functions. The Turitea site is set in a beautiful 40 hectare park-like setting and houses the Colleges of Business, Health, Sciences, and Humanities and Social Sciences, and the Vice-Chancellor’s Office.

On either side of the Manawatū River, both sites are within walking distance of the Palmerston North city centre, with a free bus service for all staff and students allowing easy access to all parts of the city and University. Massey Manawatū offers a wide range of on-campus halls and units, catering for over 900 students of diverse ages, programmes of study, and cultural backgrounds. The campus is in close proximity to the student-friendly city of Palmerston North, and to beautiful mountain ranges and countryside offering plenty of outdoor activities.

**Halls of Residence**

Until 1943 student accommodation was confined to the Old Hostel, but in the ten years following 1943 residential facilities were tripled – first by the purchase in that year of the Monro Homestead (purchased with the aid of the Moginie bequest); second by the addition of the Pink Hostel,
constructed during World War II as a staff college for officers of the armed services (1944); third by the acquisition of the ‘Rehab’ hostels erected by the Government as part of its returned servicemen’s rehabilitation programme; and fourth by the construction of the YFC Memorial Building, which was financed by the Federation of Young Farmers’ Clubs to commemorate members who were killed in the second World War (1953). Rehab ‘B’ and ‘C’ hostels were closed and removed during 2001, and both ‘A’ hostel and Woodhey were removed in 2005. YFC ceased being offered as accommodation in 2005 and was renovated to house Accommodation Services (formerly Halls Community Group), International Community Centre, Fale Pasifika and Kaianga Rua. The YFC Annex is a building dedicated to providing academic support for Halls students through the Study Group Programme. The YFC is home to Manawatū (Māori Student Association) and EXMSS (Extramural Students Association) whilst Accommodation Services have been relocated to the Student Centre.

In the 1960s several other halls made their appearance: the new Mono House (1961), now Craiglockhart, Ferguson Hall, Colombo Hall (1964) and Elliot House (purchased in 1966). A further hostel, Fitzherbert House (now Bindaloe House), was made available by the University (1966), followed by Cubeside and The Stable (1982), and Moginie Hall (1985). In 1988 Cubeside Hostel was relinquished to Māori Studies and the third wing on the 72-bed Moginie Hall was completed to replace Cubeside. Following kitchen and common room renovations, Moginie Hall now has 68 beds. In 1989 the Pink Hostel was given over to the Accountancy Department although it was returned to accommodation in 2002 and is now named McHardy Hall.

Colombo Hall was provided by the Government as part of the Colombo Plan Aid Programme, but accommodation in it is neither compulsory for, nor limited to international students. Ferguson Hall, an historic Manawatū homestead, is administered by the Presbyterian Education Purposes Trust. Walter Dyer Hall (1969) was financed in part from funds accumulated fromlevies on students in residence. In its efforts to provide more on-campus accommodation, the University continues to benefit from collaboration of this sort with other bodies. A substantial contribution from the Palmerston North City Council, with additional funds raised by Rotary Clubs in the district and by the Federation of Taranaki Dairy Factories, led to the opening in 1971 of the City Court, Egmont Court and Rotary Court. Kairanga Court, again financed in part from levies, opened in 1977.

In 1992 the Atawhai student community was developed to provide 65 single beds in 13 units and twelve two-bedroom student family units. The Tararua and Ruahine complexes of 24 beds were opened for student use in 1992 and 1996. The merger between the Palmerston North College of Education and Massey University in 1996 added Blair Tennant Hall in Fitzherbert Avenue to the University’s accommodation for students although this Hall has now been decommissioned.

A further 208 beds are located within the Turitea Community, Matai and Totara Halls, along with the Kanuka Commons building opened in February 2005, with Tawa and Miro Halls and the Karaka Commons opened in February 2006. (Older accommodation specifically the rehab hostels and Moginie flats were decommissioned as a result.) Residential accommodation on or adjoining the Manawatū Campus is now available for 940 students. Dining facilities for all halls are in the newly refurbished and significantly improved Student Centre.

Massey University Auckland

Massey University’s Auckland campus is the ‘innovation’ campus and is located on the North Shore of New Zealand’s largest city. The campus, which opened in 1993, is styled on a Mediterranean hill town, and has grown rapidly to meet the needs of the regional population and business community.

Massey Auckland offers degree and diploma courses in business, education, speech language therapy, humanities and social sciences, sciences, engineering and health-related programmes.

The campus is host to a number of research centres, including the New Zealand Institute for Advanced Study and co-hosts the Allan Wilson Centre for Molecular Ecology and Evolution. The campus has strong collaborative links with many local and international organisations and was one of the first universities in New Zealand to open a business incubator on campus, the e-Centre, which plays an integral role in supporting local start-up business. Students at Massey University’s Auckland campus benefit from a wide range of scholarships offered by the University and local and multinational business organisations.

Student Accommodation Village, Stage One of the on-campus accommodation village, Te Otha, opened in February 2015 and is located in the heart of the campus. The accommodation is close to the dining hall, library, lecture theatres, cafés, and social hubs including the student lounge. The student social hub, Te Rito, includes an e-learning room, games room, music room and barbeque area.

The village offers 210 beds in Halls of Residence-style living spread over three 3-storey buildings. Each hall has a Residential Assistant whose role it is to support students during their stay in the Halls. For those students who prefer a more independent style of living, there are 14 through to 2-bedroom apartments. There are also 12 studio units for those who prefer to live on their own.

Massey University Wellington

Massey University’s Wellington campus was established in 1999. Known as the Creative Campus, Massey Wellington is dynamic campus within a short walking distance of the central city and its vibrant arts scene. Student life revolves around campus events, actively growing clubs, Tussock Café, and a range of shows and festivals. The campus is built around some of Wellington’s iconic buildings, with the National War Memorial standing proudly at the Buckle Street entrance, and the beautiful Tokomaru, originally built as the Dominion Museum in 1936, now part of the University.

Massey University’s Wellington campus has established itself as a niche provider of strategically relevant undergraduate and postgraduate teaching. The study and research programmes focus on six broad areas: Design and Fine Arts, Health and Health Sciences, Business and Enterprise, Communications and Journalism, Technology and Music, and Social Sciences, including the Centre for Disaster Research (jointly with GNS Science).

The Creative Campus is home to two of New Zealand’s most distinguished creative arts schools: the School of Design (Nga Pae Mahutonga) and the School of Art (Whiti Rehua) – both of which can trace their roots back more than 125 years. The campus contains state-of-the-art design facilities offering digital sound, animation and filming suites, as well as hosting two of its enterprises – FabLab and Open Lab. The College of Creative Arts can trace its origins back to the Riley School of Design, which was established in Wellington in 1886.

The campus occupies some eleven hectares and has several multi-story buildings located in the central zone, which was originally developed in the 1960’s to house one of New Zealand’s first polytechnics. Massey Wellington hosts a number of research centres including the Centre for Public Health Research, the Sleep-Wake Research Centre, Research Centre for Māori Health and Development, the Financial Education and Research (Fin-Ed) Centre, and the Centre for Affective Product Design. It also hosts the government-funded Ako Aotearoa, the National Centre for Tertiary Teaching Excellence.

Halls of Residence

The Wellington Campus manages a modern, purpose-built accommodation complex for first-year students, just minutes from downtown Wellington. Sitting within a vibrant urban environment, the city’s cafe and theatre districts lie within easy walking distance to campus. There are also numerous other options available for the wider student body, including student flats, homestays, private flats or boarding.

Cube Complex accommodates 300 beds in self-contained, fully furnished studio, five-, three- and two-bedroom units and is situated on the corner of Webb and Taranaki Streets.

This complex also houses a Residential Assistant (RA) team, consisting of members from the student community, and is an essential part of the student accommodation support network. Led by the Manager, Student Life Services and the Residential Manager, the RA team helps to organise a range of activities as part of the Student Life program. They also help make sure that the Cube Complex operates smoothly and a pleasant environment is fostered for all students. RAs are trained in a number of areas to ensure they can provide the appropriate support and assistance in the complex, including conflict resolution and first aid.

The University Farms

The University, through Massey Agricultural Experiment Station (MAES) operates 2,200 hectares of farmland, which is maintained for teaching, research and extension purposes. A wide range of farming enterprises and activities are conducted on 980 hectares of land adjacent to the Tuatita site of the Manawatū Campus. About three-quarters of this is gently rolling country of heavy silt loam, while the remainder consists of river flats varying from fertile silt loams and light sandy soil to river shingle. The 980 hectares comprises two dairy farms, two sheep and beef units, a deer research unit, an orchard and a number of intensive animal research units.

The University has a unique range of agricultural research facilities that enables it to undertake research, farming and educational functions. The
facilities include three milking sheds (all fitted with electronic data collection equipment), wool sheds, sheep, deer and cattle handling facilities, animal physiology and feed processing units, forestry blocks, and glasshouses.

The University also operates two farming enterprises situated away from the Manawatū Campus. Tuapaka Farm is a 476 hectare hill country sheep and beef cattle farm, twelve kilometres away from the Manawatū Campus. About 20 percent of the farm is flat while the remainder consists of easy-to-steepest hill country, rising to an altitude of 212 metres above sea level. Tuapaka Farm has three wind turbines positioned on the elevated areas of the farm as part of a wind electricity generation scheme. Riverside Farm, a 723 hectare sheep and beef cattle farm situated 13 kilometres from Masterton and 90 kilometres from Palmerston North, is on a long-term lease to the University. The mixed topography and location of the property provides a unique resource to investigate summer dryland farming.

MAES and the Research Units provide an extensive research capability, which allows the demonstration of farming systems and facilitate a continuing programme of research and extension to the benefit of agricultural, horticultural and veterinary sciences both within New Zealand and overseas. The University farmland plays an important role in meeting the overall educational and research objectives of the University.

Office of Development and Alumni

The office is part of development and alumni relations and has two main inter-related functions:

1. The development and stewardship of relationships with alumni and stakeholders external to Massey University, leading to positive benefits for the University. This includes:
   (a) the administration of a database;
   (b) the organisation of alumni events and activities domestically and internationally; and
   (c) the provision of a range of memorabilia and apparel for purchase.

2. To encourage and steward philanthropy to the University. Philanthropy comes from alumni, friends and other external sources and can be in support of scholarship, research, teaching or capital projects. The Massey University Foundation also ensures sound governance around gifts it receives and invests endowment funds appropriately.

Students’ Associations

Massey University students’ associations work with the University to provide student services to all students. For example, EXMSS offers financial support for students (funded by interest from investments), including shuttle subsidies for contact workshops students, scholarships and other awards. Student associations maintain an independent advocacy service to assist students regarding disciplinary and grievance processes, student radio, magazines and websites that provide useful and relevant information to students, services such as Student Job Search, and support for student clubs and societies. Students may choose to become a member of a student association and receive the special benefits that students’ associations provide. The students’ associations organise, fund and coordinate many student activities. These include Orientation and capping events, volunteer groups, political/social/educational campaigns, independent publications, transport discounts, accommodation services, and representation on campus.

Students’ associations also support representation within University Boards and structures to provide learning feedback to the Institution. Students currently have opportunity to participate in the governance of the University, to be able to be part of steering the strategic direction and focus from a learner perspective. Representation extends on a national level with affiliations to New Zealand Union of Students’ Associations (NZUSA) and Te Mana Akonga (TMA).

The affairs of each students’ association are administered by an Executive committee responsible to the Association. The Executive for the subsequent year is elected in accordance with each Association’s constitution and rules. Students’ association offices are open daily for information and advice.

Massey University Students’ Association Federation Inc.

The Federation exists to provide continuity across campuses for student association delivered student services. The three main roles of students’ association’s services are representation, advocacy and student-to-student communication. The education and welfare of students is of paramount concern to MUSAF.

The Federation consists of the following students’ associations: Albany Students’ Association Inc. (ASA), Massey University Students’ Association of Palmerston North Inc. (MUSA), and Massey at Wellington Students Association Inc. (MAWSA), Massey University Extramural Students’ Society Inc. (EXMSS), and Te Waka O Ngātanga Māori Inc (Albany). The Federation maintains close ties to Massey University Māori Students’ Roopu: Manawatū (Palmerston North), and Te Kokiri Ngatangiha (Wellington).

Massey Collections

The life and work of the Right Honourable William Ferguson Massey has been commemorated in many ways. Of these the most distinctive was the decision shortly after his death to rename the newly-founded New Zealand Agricultural College at Palmerston North. In introducing the amending legislation, the Minister of Agriculture, the Hon. O.J. Hawken, proposed that the College be known as Massey Agricultural College, saying:

“I think all honourable members honour that name, and I think it is the best that could be chosen, because the late leader of the House was recognised as an agriculturist. The interest he took in the subject is well known, and I believe he had – more than most people realise – a longing to set up an agricultural college. The opportunity did not occur in his time, but I am sure that he was heart and soul in the project.”

The College was formally opened in 1928. Thirty-six years later it became an autonomous multi-faculty university. Although the original use of Massey’s name was related to his interest in agriculture, the name of the emergent institution, Massey University, was readily maintained in view of his eminent standing in the political history of the country. At the opening of the University Library and Veterinary Clinical Sciences buildings in 1968, the Governor-General, Lord Porritt, endorsed this view with the conclusion that “William Massey was without doubt one of the country’s greatest politicians and statesmen”. Massey University is the only tertiary educational institution to be so named after a New Zealand citizen.

In 1968, a generous gift from the family of William Massey led to the establishment of the Massey Trust. The University Council declared the purposes of the Trust to be:

“To sustain at the University and in New Zealand the associations of the life and work of the late William Ferguson Massey with the name, aspirations and activities of the University and for the purposes of advancing knowledge and interest in those aspects of the development of New Zealand with which the late William Ferguson Massey was particularly associated, by collecting, collating and preserving archives and other material relating to the late William Ferguson Massey.

More recently, the Massey family presented to the University a unique and very valuable collection of gifts given to him during his years as Prime Minister. This nationally significant collection is now on display on level three of the Registry.

Massey University holds seven collections:

- Massey University Art Collection (contemporary New Zealand art);
- Manawatū and Auckland
- Massey College of Education Arts Trust
- Riddet Collection (representational New Zealand art)
- Webster Collection of Porcelain
- Massey University Collection of Georgian Silver
- Wellington Campus Art Collection.

The Art Collections Policy aims to:

1. Create a framework for the development, preservation and use of Massey University’s several collections of art in order to:

   (a) acknowledge and celebrate the history of Massey University and its antecedent organisations
   (b) provide a resource for the teaching, research and community service activities of the University
   (c) provide opportunities for the study and appreciation of art by members of Massey University and the communities that it serves
   (d) contribute to a stimulating and aesthetically pleasing environment for the campuses.

2. Provide guidance to those responsible for the acquisition, preservation and use of art collections so that the interests of the whole University are maintained while at the same time duly recognising the multi-campus nature of the University and the diversity of the communities that it serves.

Academic Dress

1. Graduates shall appear at all public ceremonies of the University in the academic dress proper to their degree. Graduates of other Universities may wear the academic dress of their own university.

2. The form of the principal officers’ robes and hats shall be as follows:
Chancellor
Regalia made in Merino wool, in a Poutama design weave using rich blues. Pleats in the gown are suspended from a plain blue Merino wool yoke. Sleeve cape across the shoulders references the Korowai and is embellished with Massey University’s Coat of Arms. Gold satin front neck bands (70 mm) are embroidered with an interpretation of the Whakarare pattern in metallic threads of gold and blue. Gold satin sleeve cape border is ornamented with three embroideries. Gold satin sleeve border is embroidered in a repeat pattern. Gown body is lined in light blue satin and sleeves are lined in navy satin. Gown front is edged with plain blue Merino wool.
A wide-brimmed round plain blue Merino wool Tudor bonnet with gold tassels hanging from a cord encircling the puggaree of the hat.

Pro-Chancellor
Regalia made in Merino wool, in a Poutama design weave using rich blues. Pleats in the gown are suspended from a plain blue Merino wool yoke. Sleeve cape across the shoulders references the Korowai and is embellished with Massey University’s Coat of Arms. Gold satin front neck bands (45mm) are embroidered with an interpretation of the Whakarare pattern in metallic threads of gold and blue. Gold satin sleeve cape border is ornamented with one embroidery motif. Gold satin sleeve border is embroidered in a repeat pattern. Gown body is lined in light blue satin and sleeves are lined in navy satin. Gown front is edged with plain blue Merino wool.
A wide-brimmed round plain blue Merino wool Tudor bonnet with gold tassels hanging from a cord encircling the puggaree of the hat.

Vice-Chancellor
Regalia made in Merino wool, in a Poutama design weave using rich blues. Pleats in the gown are suspended from a plain blue Merino wool yoke. Sleeve cape across the shoulders references the Korowai and is embellished with Massey University’s Coat of Arms. Silver satin front neck bands (70mm) are embroidered with an interpretation of the Whakarare pattern in metallic threads of silver and blue. Silver satin sleeve cape border is ornamented with one embroidery motif. Silver satin sleeve border is embroidered in a repeat pattern. Gown body is lined in light blue satin and sleeves are lined in navy satin. Gown front is edged with plain blue Merino wool.
A wide-brimmed round plain blue Merino wool Tudor bonnet with silver tassels hanging from a cord encircling the puggaree of the hat.

University Registrar
Regalia made in Merino wool, in a Poutama design weave using rich blues. Pleats in the gown are suspended from a plain blue Merino wool yoke. Sleeve cape across the shoulders references the Korowai and is embellished with Massey University’s Coat of Arms. Silver satin front neck bands (45mm) are embroidered with an interpretation of the Whakarare pattern in metallic threads of silver and blue. Sleeve cape is without satin border. Silver satin sleeve border is without embroidered ornamentation. Gown body is lined in light blue satin and sleeves are lined in navy satin. Gown front is edged with plain blue Merino wool.
A wide-brimmed round plain blue Merino wool Tudor bonnet with silver tassels hanging from a cord encircling the puggaree of the hat.

Campus Registrar
Of plain all-silk University blue ottoman without ornamentation, but facings and shoulder wings to be of light blue taffeta and shall bear the University’s Coat of Arms on each shoulder.
The hat of these officers shall be a trencher of the materials as used for the robes.

University Council
The academic dress is as for the Cambridge Bachelor of Arts but with a facing of light blue satin (50 mm wide, BCC 84 forget-me-not) edged with an additional dark blue satin (25 mm wide, BCC 90 midnight), the full length of the front. Graduates may wear the hat and hood of their own degree.

Marshal
The academic dress shall be the academic regalia of their own university, including the hat and hood of their own degree, and shall bear the University’s Coat of Arms on each shoulder.

3. (a) The gown for an undergraduate or for a Bachelor’s Degree is as for the Cambridge Bachelor of Arts.
(b) The gown for a Master’s Degree is as for the Cambridge Master of Arts.

4. (a) The hood for every degree is of the same size and shape as the Cambridge Master of Arts.
(b) The hood for Masters Degrees shall be made of material of the colour ‘university blue’ (BCC No. 90) and shall be lined with material of the colour appropriate to the degree, except for Master of Philosophy, which shall be lined with material of the colour ‘post office red’ (BCC No. 209).
(c) The hood for a Bachelor’s Degree or a Bachelor’s Degree with Honours shall be as for the Master’s hood, but bordered with a 40mm white fur.
(d) The hood for a Bachelor Honours Degree shall be as for the Master’s hood, but bordered with a 40mm white silk.
(e) The hood for a PhD Degree shall be made of material of the colour ‘post office red’ (BCC No. 209) and shall be lined with ‘university blue’ (BCC No. 90).
(f) The hood of other Doctors Degrees shall be the Master’s hood appropriate to the discipline in which the degree was taken.

5. The colours of the linings of the hoods for the Bachelors, Masters and Doctors Degrees other than PhD are as follows:

<table>
<thead>
<tr>
<th>Accountancy</th>
<th>BCC Name</th>
<th>BCC Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Leadership</td>
<td>Indian Yellow</td>
<td>6</td>
</tr>
<tr>
<td>Agriculture</td>
<td>Pea Green</td>
<td>172</td>
</tr>
<tr>
<td>AgriCommerce</td>
<td>Versitigris</td>
<td>202</td>
</tr>
<tr>
<td>Agricultural Economics</td>
<td>Versitigris</td>
<td>202</td>
</tr>
<tr>
<td>Agricultural Science</td>
<td>Emerald</td>
<td>213</td>
</tr>
<tr>
<td>AgriScience</td>
<td>Emerald</td>
<td>213</td>
</tr>
<tr>
<td>Analytics</td>
<td>Parma Violet</td>
<td>216</td>
</tr>
<tr>
<td>Applied Economics</td>
<td>Dioplate</td>
<td>203</td>
</tr>
<tr>
<td>Applied Linguistics</td>
<td>Rose Pink</td>
<td>32</td>
</tr>
<tr>
<td>Applied Science</td>
<td>Emerald</td>
<td>213</td>
</tr>
<tr>
<td>Applied Statistics</td>
<td>Parma Violet</td>
<td>216</td>
</tr>
<tr>
<td>Arts</td>
<td>Rose Pink</td>
<td>32</td>
</tr>
<tr>
<td>Aviation</td>
<td>Stonewhite</td>
<td>61</td>
</tr>
<tr>
<td>Aviation Management</td>
<td>Stonewhite</td>
<td>61</td>
</tr>
<tr>
<td>Business Administration</td>
<td>Tangerine</td>
<td>55</td>
</tr>
<tr>
<td>Business Information</td>
<td>Indian Yellow</td>
<td>6</td>
</tr>
<tr>
<td>Business Studies</td>
<td>Indian Yellow</td>
<td>6</td>
</tr>
<tr>
<td>Clinical Psychology</td>
<td>Rose Pink</td>
<td>32</td>
</tr>
<tr>
<td>Commercial Music</td>
<td>White</td>
<td>1</td>
</tr>
<tr>
<td>Communication</td>
<td>Indian Yellow</td>
<td>6</td>
</tr>
<tr>
<td>Construction</td>
<td>Clarat</td>
<td>36</td>
</tr>
<tr>
<td>Counselling</td>
<td>Medici Crimson</td>
<td>240</td>
</tr>
<tr>
<td>Creative Enterprise</td>
<td>White</td>
<td>11</td>
</tr>
<tr>
<td>Creative Media Production</td>
<td>White</td>
<td>1</td>
</tr>
<tr>
<td>Creative Writing</td>
<td>Rose Pink</td>
<td>32</td>
</tr>
<tr>
<td>Dairy Science and Technology</td>
<td>Clarat</td>
<td>36</td>
</tr>
<tr>
<td>Defence Studies</td>
<td>Pansey</td>
<td>180</td>
</tr>
<tr>
<td>Design</td>
<td>White</td>
<td>1</td>
</tr>
<tr>
<td>Development Administration</td>
<td>Rose Pink</td>
<td>32</td>
</tr>
<tr>
<td>Education</td>
<td>Tuscan Yellow</td>
<td>233</td>
</tr>
<tr>
<td>Educational Administration and Leadership</td>
<td>Gull Grey</td>
<td>81</td>
</tr>
<tr>
<td>Educational Psychology</td>
<td>Tuscan Yellow</td>
<td>233</td>
</tr>
<tr>
<td>Educational Studies</td>
<td>Tuscan Yellow</td>
<td>233</td>
</tr>
<tr>
<td>Emergency Management</td>
<td>Forget-Me-Not Blue</td>
<td>84</td>
</tr>
<tr>
<td>Engineering</td>
<td>Clarat</td>
<td>36</td>
</tr>
<tr>
<td>Engineering Studies</td>
<td>Clarat</td>
<td>36</td>
</tr>
<tr>
<td>Engineering Technology</td>
<td>Clarat</td>
<td>36</td>
</tr>
<tr>
<td>Environmental Management</td>
<td>Tarten Green</td>
<td>26</td>
</tr>
<tr>
<td>Ergonomics</td>
<td>Clarat</td>
<td>36</td>
</tr>
<tr>
<td>Finance</td>
<td>Indian Yellow</td>
<td>6</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>White</td>
<td>1</td>
</tr>
<tr>
<td>Course</td>
<td>BCC Name</td>
<td>BCC Number</td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>-----------------------------------</td>
<td>------------</td>
</tr>
<tr>
<td>Food Innovation</td>
<td>Claret</td>
<td>36</td>
</tr>
<tr>
<td>Food Technology</td>
<td>Claret</td>
<td>36</td>
</tr>
<tr>
<td>Health Sciences</td>
<td>Emerald</td>
<td>213</td>
</tr>
<tr>
<td>Horticulture</td>
<td>Grass Green</td>
<td>103</td>
</tr>
<tr>
<td>Horticulture(Bus), (Sc) or (Tech)</td>
<td>Tartan Green</td>
<td>26</td>
</tr>
<tr>
<td>Information Science</td>
<td>Parma Violet</td>
<td>216</td>
</tr>
<tr>
<td>Information Systems</td>
<td>Indian Yellow</td>
<td>6</td>
</tr>
<tr>
<td>International Development</td>
<td>Forget-Me-Not Blue</td>
<td>84</td>
</tr>
<tr>
<td>International Security</td>
<td>Fany</td>
<td>180</td>
</tr>
<tr>
<td>Journalism</td>
<td>Indian Yellow</td>
<td>6</td>
</tr>
<tr>
<td>Literacy Education</td>
<td>Tuscan Yellow</td>
<td>233</td>
</tr>
<tr>
<td>Logistics and Supply Chain Management</td>
<td>Small Blue</td>
<td>147</td>
</tr>
<tr>
<td>Management</td>
<td>Indian Yellow</td>
<td>6</td>
</tr>
<tr>
<td>Māori Visual Arts</td>
<td>Black, Overprinted</td>
<td></td>
</tr>
<tr>
<td>Medical Laboratory Science</td>
<td>Jade</td>
<td>122</td>
</tr>
<tr>
<td>Midwifery</td>
<td>Crocus</td>
<td>177</td>
</tr>
<tr>
<td>Music</td>
<td>White</td>
<td>1</td>
</tr>
<tr>
<td>Musical Arts</td>
<td>White</td>
<td>1</td>
</tr>
<tr>
<td>Music Therapy</td>
<td>White</td>
<td>1</td>
</tr>
<tr>
<td>Natural Sciences</td>
<td>Small Blue</td>
<td>147</td>
</tr>
<tr>
<td>Nursing</td>
<td>Crocus</td>
<td>177</td>
</tr>
<tr>
<td>Performance Design</td>
<td>White</td>
<td>1</td>
</tr>
<tr>
<td>Professional Accounting and Finance</td>
<td>Indian Yellow</td>
<td>6</td>
</tr>
<tr>
<td>Professional Public Relations</td>
<td>Indian Yellow</td>
<td>6</td>
</tr>
<tr>
<td>Public Health</td>
<td>Emerald</td>
<td>213</td>
</tr>
<tr>
<td>Public Policy</td>
<td>Rose Pink</td>
<td>32</td>
</tr>
<tr>
<td>Quality Systems</td>
<td>Claret</td>
<td>36</td>
</tr>
<tr>
<td>Retail and Business Management</td>
<td>Indian Yellow</td>
<td>6</td>
</tr>
<tr>
<td>Resource and Environmental Planning</td>
<td>Forget-Me-Not Blue</td>
<td>84</td>
</tr>
<tr>
<td>Science</td>
<td>Small Blue</td>
<td>147</td>
</tr>
<tr>
<td>Social Work</td>
<td>Horse Chestnut</td>
<td>134</td>
</tr>
<tr>
<td>Specialist Teaching</td>
<td>Tuscan Yellow</td>
<td>233</td>
</tr>
<tr>
<td>Speech and Language Therapy</td>
<td>Emerald</td>
<td>213</td>
</tr>
<tr>
<td>Sport and Exercise</td>
<td>Indian Yellow</td>
<td>6</td>
</tr>
<tr>
<td>Sport Management</td>
<td>Indian Yellow</td>
<td>6</td>
</tr>
<tr>
<td>Teaching and Learning</td>
<td>Tuscan Yellow</td>
<td>233</td>
</tr>
<tr>
<td>Teaching English to Speakers of Other Languages</td>
<td>Tuscan Yellow</td>
<td>233</td>
</tr>
<tr>
<td>Leadership</td>
<td>Tuscan Yellow</td>
<td></td>
</tr>
<tr>
<td>Te Aho Tātairangi</td>
<td>Tuscan Yellow, Overprinted with Yellow Motif</td>
<td>233</td>
</tr>
<tr>
<td>Te Aho Paerewa</td>
<td>Tuscan Yellow, Overprinted with Yellow Motif</td>
<td>233</td>
</tr>
<tr>
<td>Technology</td>
<td>Claret</td>
<td>36</td>
</tr>
<tr>
<td>Veterinary Medicine</td>
<td>Imperial Purple</td>
<td>109</td>
</tr>
<tr>
<td>Veterinary Science</td>
<td>Imperial Purple</td>
<td>109</td>
</tr>
<tr>
<td>Veterinary Studies</td>
<td>Imperial Purple</td>
<td>109</td>
</tr>
<tr>
<td>Veterinary Technology</td>
<td>Claret</td>
<td>36</td>
</tr>
</tbody>
</table>

Graduates in a conjoint programme of two degrees may choose which of the relevant hoods they will wear.

6. The stole for diplomas is made of black material with a 15 mm band of the colour light blue (BCC 84 forget-me-not) on the inner margin and the Massey University Symbol (the University Coat of Arms) 75 mm in diameter embroidered in light blue 75 mm above the lower margin on the left side.

As an alternative to wearing the stole, diplomates who also hold a degree may wear the robes of that degree.

7. (a) The headgear for Bachelors, Masters and for diplomates who are graduates is a black trencher with tassel.

(b) The headgear for Doctors Degrees is a black velvet bonnet as for the Oxford Doctor of Civil Law.

Note: Academic gowns, hoods and trenchers are available for hire from Academic Dress Hire.
STAFF OF THE UNIVERSITY | NGĀ KAIMAHI

Officers of the University

Chancellor
Michael Ahie, BBS(Hons)

Pro Chancellor
Dr Helen Anderson, QSO, PhD Camb., CRSNZ, FInstD

Vice-Chancellor
Professor Jan Thomas, BSc Murd., BVMS Murd., MVS Melb., PhD Murd., MACVS, FAICD, FAIM

Vice-Chancellor’s Office

Vice-Chancellor
2017 Professor Jan Thomas, BSc Murd., BVMS Murd., MVS Melb., PhD Murd., MACVS, FAICD, FAIM

Senior Advisor
1984 Dale Parkes, DipBusStuds

Executive Assistant
2004 Brigid Kavanagh-Dee, NZCertBus, NDBA, NDB

Assistant Vice-Chancellor External Relations & Development
Appointment pending

Assistant Vice-Chancellor Māori and Pasifika
2016 Charlotte Severne, ONZM, BSc Auck., MSc Auck., PhD Auck.

Assistant Vice-Chancellor Operations, International and University Registrar
1996 Stuart Morriss, DipBusStuds, BAgriSc, MPP Well.

Assistant Vice-Chancellor People and Organisational Development
2008 Alan Davis, CertIndRel Well., LLB Cant., MBA Well. Barrister and Solicitor of the High Court of New Zealand

Assistant Vice-Chancellor Research, Academic and Enterprise
2016 Professor Giselle Byrnes, BA Waik., MA Waik., PhD Auck.

Assistant Vice-Chancellor Strategy, Finance, Information Technology and Commercial Operations
2015 Cathy Magiannis, BCA Well., CA
Assistant Vice-Chancellor External Relations and Development

Assistant Vice-Chancellor External Relations
Appointment pending

EA/Administrator
2016 Tarryn McInerney

Manager Operations
2016 Carol Home, BA Warw., MMgt C.Sturt

Director Marketing and Recruitment
2015 Ruth Mackenzie-White

Director Public Relations
Appointment pending

Acting Manager Communications
2008 Paul Mulrooney, BA Otago

Director Corporate Communications
2006 James Gardiner, CertJourn

Manager Web Content
2010 Glen Young, DipIS

Director Stakeholder Management
2015 Joanne Lyall, MA Cant., DipIntMktg OPNZ

Manager Student Recruitment
2014 Stefan Smith, BA Otago

Director National Events and Sponsorship
2014 Shelly Deegan, BA Colorado, PGDipTchg

Manager International Recruitment
2015 Lin Zhu, MA City Lon.

Manager International Marketing
2013 Rachel O’Connor

College Account Managers
2013 Nicole Canning, BC
2010 Iona Condie
2015 Heather Crichton

Manager National Events and Sponsorship
2014 Shelly Deegan, BA Colorado, PGDipTchg

Director Massey Foundation and Alumni
2009 Mitch Murdoch, BA Well.

Assistant Vice-Chancellor Māori and Pasifika

Assistant Vice-Chancellor Māori and Pasifika
2016 Charlotte Severne, ONZM, BSc Auck., MSc Auck., PhD Auck.

Executive Assistant
2008 Kim Alty

Associate Director
2014 Joy Panoho, MBA, PhD

Director Māori
Appointment Pending

Director Pasifika
2013 Malakai Koloamatangi, BA, MA, PhD

Associate Director Māori
1992 Frances White, BA, DipTchg, GradDipBusStud, PGDipArts

Assistant Vice-Chancellor Operations, International and University Registrar

Assistant Vice-Chancellor Operations, International and University Registrar
1996 Stuart Morriss, DipBusStuds, BAgriSc, MPP Well.

Executive Assistant
1996 Toni Wilson

Executive Secretary
2016 Priscilla Jeffrey

Deputy Registrar (Operations)
2010 Janet Molyneux, MBA

Manager Business and Finance
Appointment pending

Campus Registrar Auckland
Appointment pending

Campus Registrar Manawatū
Appointment pending

Campus Registrar Wellington
2009 Deanna Riach, BCom(Hons) Lincoln, MBA Sunshine Coast

National Facilities Director
2016 Murray Foreman

Manager Student Recruitment
2014 Stefan Smith, BA Otago

Director National Events and Sponsorship
2014 Shelly Deegan, BA Colorado, PGDipTchg

Manager International Recruitment
2015 Lin Zhu, MA City Lon.

Manager International Marketing
2013 Rachel O’Connor

College Account Managers
2013 Nicole Canning, BC
2010 Iona Condie
2015 Heather Crichton

Manager National Events and Sponsorship
2014 Shelly Deegan, BA Colorado, PGDipTchg

Director Massey Foundation and Alumni
2009 Mitch Murdoch, BA Well.

Assistant Vice-Chancellor Māori and Pasifika

Assistant Vice-Chancellor Māori and Pasifika
2016 Charlotte Severne, ONZM, BSc Auck., MSc Auck., PhD Auck.

Executive Assistant
2008 Kim Alty

Associate Director
2014 Joy Panoho, MBA, PhD

Director Māori
Appointment Pending

Director Pasifika
2013 Malakai Koloamatangi, BA, MA, PhD

Associate Director Māori
1992 Frances White, BA, DipTchg, GradDipBusStud, PGDipArts

Senior Māori Advisor (Auckland)
2014 Margaret Kawharu, MA, MNZM

Senior Māori Advisor (Manawatū)
2017 Takata Ferris, BDA, BAM, MMM Te Wānanga o Raukawa, BMPA Te Whare Wānanga o Awanuiarangi

Senior Māori Advisor (Wellington)
Appointment Pending

Executive Assistant Pasifika
2015 Catherine Haslem

Project Manager Pasifika
2008 Ben Taufia, BA Otago, MA Otago

Executive Director Te Puna Whakatipu
1993 Claire Massey, BA, MBA, PhD

Director Professional and Continuing Education
1993 Andrea M. Flavel, DipTESL Well., MA

Director International Relations

Director Student Administration
1987 Patrick A. Sandbrook, BA(Hons), PhD

General Manager Massey University Worldwide
2015 Rob Stevens, BSc Well., MPubPol Well.

Manager Student Management Systems Support and Development Unit
2008 Sue Pond, BBS, NZICA
Assistant Vice-Chancellor People and Organisational Development

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assistant Vice-Chancellor People and Organisational Development</td>
<td>2008</td>
<td>Alan Davis, CertIndRel Well., LLB Cant., MBA Well.</td>
</tr>
<tr>
<td>Executive Assistant</td>
<td>1997</td>
<td>Coralie Weller</td>
</tr>
<tr>
<td>Manager Remuneration and Reporting</td>
<td>2014</td>
<td>Lynn McDougall</td>
</tr>
<tr>
<td>Manager Staff Recruitment</td>
<td>2012</td>
<td>Nigel Barker, CertAdultEd, BBS, GradIFE</td>
</tr>
<tr>
<td>Manager Employment Relations</td>
<td>2011</td>
<td>Fiona McMorran, DiplIndRel, BA/LLB</td>
</tr>
</tbody>
</table>

Assistant Vice-Chancellor Research, Academic and Enterprise

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assistant Vice-Chancellor Research, Academic and Enterprise</td>
<td>2016</td>
<td>Professor Giselle Byrnes, BA Waik., MA Waik., PhD Auck.</td>
</tr>
<tr>
<td>Executive Assistant</td>
<td></td>
<td>Appointment pending</td>
</tr>
<tr>
<td>Executive Officer Grievances and Complaints</td>
<td>2012</td>
<td>Trevor Weir, DipTchg, MA Cant., MEdAdmin, AAMINZ</td>
</tr>
<tr>
<td>Dean Academic</td>
<td>1997</td>
<td>Professor Sarah Leberman, BA Camb., MA(Appl) Well., PhD Well., CertACE Vic.(Aust.)</td>
</tr>
<tr>
<td>Dean Research</td>
<td>1996</td>
<td>Associate Professor Tracy L. Riley, MEd, PhD Sth Miss.</td>
</tr>
<tr>
<td>Strategic Advisor</td>
<td>2003</td>
<td>Mel Barnes, MA Otago</td>
</tr>
<tr>
<td>Director Office of Academic Assurance</td>
<td>2005</td>
<td>Meredith MacKenzie, BBS, BA</td>
</tr>
<tr>
<td>Director Business Development and Commercialisation</td>
<td>2008</td>
<td>Mark Cleaver, DipBusStud, BAgpr</td>
</tr>
<tr>
<td>Director National Centre for Teaching and Learning</td>
<td>2005</td>
<td>Duncan O’Hara, BA, PGDipBusAdmin, MMgt</td>
</tr>
<tr>
<td>Director Research Ethics</td>
<td>1996</td>
<td>Brian Finch, DipSLT, DipTchg, MA Auck., EdD</td>
</tr>
<tr>
<td>Director Research Operations</td>
<td></td>
<td>Appointment pending</td>
</tr>
<tr>
<td>University Librarian</td>
<td>1992</td>
<td>Linda Palmer, BA, DipLibr Well., MMgmt, ALIANZA</td>
</tr>
<tr>
<td>Co-ordinator, Sasakawa Programmes</td>
<td>1996</td>
<td>Naomi Collins, BA, PGDipSLT</td>
</tr>
<tr>
<td>Animal Welfare Officer</td>
<td>2017</td>
<td>Juliet Cayzer, BVSc DVCS</td>
</tr>
</tbody>
</table>

Committees Reporting to Assistant Vice-Chancellor Research, Academic and Enterprise

<table>
<thead>
<tr>
<th>Committee Name</th>
<th>Chairperson</th>
<th>Year</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Human Ethics Chairs Committee</td>
<td>Brian Finch, DipSLT, DipTchg, MA Auck., EdD</td>
<td>1996</td>
<td></td>
</tr>
<tr>
<td>Animal Ethics Committee</td>
<td>Professor Craig Johnson, DipECVA, BVSc Liv., PhD Cant., DVA, MRCA, MRCVS</td>
<td>2001</td>
<td></td>
</tr>
</tbody>
</table>

Centenary History of New Zealand and the First World War

<table>
<thead>
<tr>
<th>Position</th>
<th>Year</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Manager</td>
<td>1998</td>
<td>Professor Glyn Harper, DipTchg, MA Cant., PhD NE</td>
</tr>
<tr>
<td>War Studies Coordinator</td>
<td>2013</td>
<td>Tessa Lyons, BA</td>
</tr>
<tr>
<td>Senior Historian</td>
<td>1987</td>
<td>James Watson, MA, PhD Cant.</td>
</tr>
<tr>
<td>Historian</td>
<td>2016</td>
<td>Anna Rogers, MA Cant.</td>
</tr>
</tbody>
</table>

Massey University Press

<table>
<thead>
<tr>
<th>Position</th>
<th>Year</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Publisher</td>
<td>2015</td>
<td>Nicola Legat, MA Auck.</td>
</tr>
<tr>
<td>Managing Editor</td>
<td>2015</td>
<td>Anna Bowbyes, MA Otago, DipPub Whitirea</td>
</tr>
<tr>
<td>Editorial Administrator</td>
<td>2013</td>
<td>Tessa Lyons, BA</td>
</tr>
</tbody>
</table>

Riddet Institute

<table>
<thead>
<tr>
<th>Position</th>
<th>Year</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Director and Distinguished Professor</td>
<td>1983</td>
<td>Paul J. Moughan, BAgriSc(Hons), PhD, DSc, FRSNZ, FRSC</td>
</tr>
<tr>
<td>Director and Distinguished Professor</td>
<td>1989</td>
<td>Harjinder Singh, MSc Ludhiana, PhD Cork, FRSNZ, FIAFoST, FIFT, FNZIFST</td>
</tr>
<tr>
<td>Deputy Director and Professor</td>
<td>2008</td>
<td>Warren McNabb, BAgSc, PhD</td>
</tr>
<tr>
<td>Business Manager</td>
<td>1997</td>
<td>John Henley-King, MA Camb.</td>
</tr>
</tbody>
</table>

Honorary Professors

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Honorary Professors</td>
<td>2016</td>
<td>Gang Pei, MA Shengyang, PhD Nth Carolina</td>
</tr>
<tr>
<td>Honorary Professors</td>
<td>2012</td>
<td>Manohar Garg, BSc, MSc, PhD Adel.</td>
</tr>
<tr>
<td>Honorary Professors</td>
<td>2005</td>
<td>R Paul Singh, BS Punjab, MS Wisc., PhD Michigan</td>
</tr>
</tbody>
</table>

Adjunct Professor

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adjunct Professor</td>
<td>2010</td>
<td>Nicole Roy, BScA, MSc, PhD Quebec.</td>
</tr>
</tbody>
</table>
### Assistant Vice-Chancellor Strategy, Finance, IT and Commercial Operations

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assistant Vice-Chancellor Strategy, Finance, IT and Commercial Operations</td>
<td>Cathy Magiannis, BCA Well., CA</td>
<td>2015</td>
</tr>
<tr>
<td>Executive Assistant</td>
<td>Tina Haronga</td>
<td>2007</td>
</tr>
<tr>
<td>Advisor</td>
<td>Deb Moran, BCom</td>
<td>2016</td>
</tr>
<tr>
<td>Strategy and Research Manager</td>
<td>Rossana Couto-Mason, BA UnitR., MPhil</td>
<td>2008</td>
</tr>
<tr>
<td>Chief Financial Officer</td>
<td>Carolyn Dimond, BA(Hons), FCCA, ACA</td>
<td>2013</td>
</tr>
<tr>
<td>Chief Information Officer - (Acting)</td>
<td>Alistair James, DipSocSc, BA Well., BSc Well., MBA Well.</td>
<td>2015</td>
</tr>
</tbody>
</table>

### General Manager Commercial Operations

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Denis Jenkins</td>
<td>2005</td>
</tr>
<tr>
<td>Robert Roberts</td>
<td>1975</td>
</tr>
</tbody>
</table>

### Manager Funding and Enterprise Reporting

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bryce Cleland</td>
<td>2013</td>
</tr>
<tr>
<td>BSocSci, MScSci, PhD</td>
<td></td>
</tr>
</tbody>
</table>

### Manager Performance and Change

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chris Wood</td>
<td>2011</td>
</tr>
<tr>
<td>DipTchg, BA, MBA, ACA</td>
<td></td>
</tr>
</tbody>
</table>

### Director of Strategic Project Management Office

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blair Schmidt, BCA, CA</td>
<td>2015</td>
</tr>
</tbody>
</table>

### Campus Registrar Auckland

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Denis Jenkins</td>
<td>2005</td>
</tr>
<tr>
<td>Robert Roberts</td>
<td>1975</td>
</tr>
</tbody>
</table>

### Programme Delivery Manager /Office Manager

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan Chambers</td>
<td>2009</td>
</tr>
<tr>
<td>GradDipBusStuds</td>
<td></td>
</tr>
</tbody>
</table>

### Administrator

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sharon McDougall</td>
<td>2009</td>
</tr>
</tbody>
</table>

### Campus Registrar Wellington

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jo Fox, GradDipOSH, BSc(Hons)</td>
<td>2014</td>
</tr>
<tr>
<td>Trent Poly.</td>
<td></td>
</tr>
</tbody>
</table>

### Operations Manager

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amy Heise, BSocSci(Hons)</td>
<td>2009</td>
</tr>
<tr>
<td>Zagreb</td>
<td></td>
</tr>
</tbody>
</table>

### Pro Vice-Chancellors and College Staff

### College of Creative Arts

#### Wellington Campus

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pro Vice-Chancellor</td>
<td>Professor Claire Robinson, BDes, BA(Hons), PhD</td>
<td>1996</td>
</tr>
<tr>
<td>Associate Pro Vice-Chancellor (Research)</td>
<td>Professor Tony Parker, DipLD WP, MDes RCA Lond., MCSD UK, MDINZ</td>
<td>1993</td>
</tr>
<tr>
<td>Director of Doctoral Research</td>
<td>Professor Sally J. Morgan, BA(Hons) Sheff.Hallum, MA Warw., KASKA Antwerp</td>
<td>2001</td>
</tr>
<tr>
<td>Kaihautū Toi Māori - Director of Māori Arts</td>
<td>Associate Professor Ngatihaururu Taepa, BMVA, MMVA</td>
<td>2001</td>
</tr>
<tr>
<td>Director Academic</td>
<td>Associate Professor Rebecca Sinclair, BSc Auck., BArch(Hons), MA Auck</td>
<td>1996</td>
</tr>
<tr>
<td>Director Postgraduate Studies (Pre-Doctoral)</td>
<td>Professor Tim Brennan, BA(Hons) Humb., LUHDF A UCL., MA Warw., PhD Sund.</td>
<td>2016</td>
</tr>
<tr>
<td>Director: Partners and Projects</td>
<td>Anna Brown, BA Well., BFA Cant., MDes</td>
<td>2009</td>
</tr>
<tr>
<td>Academic Registrar</td>
<td>Teresa Hartley</td>
<td>2005</td>
</tr>
</tbody>
</table>

### Business Manager

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sarah Hutchings, BBS, BA Well., CA</td>
<td>2017</td>
</tr>
</tbody>
</table>

### College External Relations Account Manager

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heather Crichton, BDes(Hons), BBS, DipBBS</td>
<td>2016</td>
</tr>
</tbody>
</table>

### College of Health

#### Pro Vice-Chancellor

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor Jane Mills, GradCertEd James Cook, BN Tas., MN Tas., MEd</td>
<td>2017</td>
</tr>
<tr>
<td>C.Start, PhD Monash</td>
<td></td>
</tr>
</tbody>
</table>

### Executive Assistant to the Pro Vice-Chancellor

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leanne Menzies</td>
<td>2004</td>
</tr>
</tbody>
</table>

### Deputy Pro Vice-Chancellor

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor Jill McCutcheon, BSc, DVM Guelph, PhD, WSU</td>
<td>2015</td>
</tr>
</tbody>
</table>

### Associate Dean Higher Degree Research

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor Marlena Kruger, MSc NWU, PhD S AF Med.</td>
<td>2000</td>
</tr>
</tbody>
</table>

### Associate Dean Learning and Teaching

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appointment pending</td>
<td></td>
</tr>
</tbody>
</table>

### Associate Dean Māori

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appointment pending</td>
<td></td>
</tr>
</tbody>
</table>

### Associate Dean Research

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate Professor Ian S. Laird, DipHEd, MSc Lond., PhD, MRSH</td>
<td>1985</td>
</tr>
</tbody>
</table>
OFFICERS AND STAFF OF THE UNIVERSITY

Construction
1991 Professor Robyn Phipps, BBSc Well., BArch(Hons) Well., PhD

Engineering and Technology
2002 Associate Professor Gourab Sen Gupta, BE India, MEE Eindhoven, PhD, SMIEEE

Food Technology
1998 Associate Professor Marie Wong, BTech(Hons), PhD, FNZIFST

Information Sciences
1994 Associate Professor Chris Scogings, MSc Natal, PhD, MIEET, MBCS, MACM, MSAICS

Science
1992 Associate Professor Alastair W. Robertson, BSc(Hons) Otago, PhD Cant.

Dean, Veterinary Science
2002 Associate Professor Jennifer F. Weston, BVSc, BPhil, PhD, PGDipEdAdminLead

Massey Business School

Pro Vice-Chancellor
2012 Professor Theodore (Ted) Zorn, BA Charleston, MA Kentucky, PhD Kentucky

Executive Assistant
2012 Connie Hii, BCom Otago, MBA S.Qld.

Deputy Pro Vice-Chancellor
2017 Associate Professor Joanna (Jo) M. Cullinane, Cert Osf., BMS(Hons) Waik., MMS Waik., MSc Glam., PhD Waik.

Office Manager and Executive Assistant to DPVC
2009 Yvonne Macpherson

Associate Pro Vice-Chancellor (Research)
2013 Professor Kambiz Maani, MSc Illinois, PhD Illinois

Business Manager
2013 Jade Zhou, BCom Well., CA

Executive Director, Strategic Partnerships
2004 Jeff Stangl, BA UCSB, MBA AGSIM, PhD, DTM, CFA

Executive Director International
1994 Professor Chris I. Moore, BE(Hons), PhD Auck., NZCE, SFin

Director of Professional Leadership Practice and International Education Advisor
2014 Mike Fiszer, GSDip Edin., BSc Edin., MBA Warw., FRSA, MCIM, MCMI

Director Academic Programmes
1996 Claire D. Matthews, DipBankStud, DipBusAdmin, BA, MBS, PhD, FFin

Director Teaching and Learning
1995 Terry Macpherson, BBS(Hons), PhD

Director of Executive Qualifications
2016 Patricia Bossons, BA Reading, MSc Surrey, PhD Henley, C.Psychol, AFBPS

Director Professional, Organisation and Executive Development
2015 Steven Naudé, BA S.Af., MBA Oxf/Brookes, MDP Pret.

Academic Programmes and Quality Analyst
2001 Sherlie Gaynor, MSc Cant.

Programme Support Analyst
2004 Agnes West-Dzang, PGDipBusAdmin, CertScTch

Research Support Officer
2014 Rebecca Izzard, BA, BCapSc Otago

International Administrator
2009 Jean Lim, BBA NUS., MBA

Events Coordinator
Appointment Pending
College of Creative Arts

Whiti o Rehua School of Art

Wellington Campus

Head of School and Associate Professor
2016 Huahua Smith, DipMusStud, BMVA, BEd Melb., PhD

Distinguished Professor of Fine Arts (Photography)
1995 Anne Noble, ONZM, MFA Auck., Laureate

Professors
1993 Kingsley Baird, DipArts Well., AdCertTTchg, MFA RMIT
1998 Bob Jahnke, PhD

Associate Professors
1998 Wayne Barrar, DipTchg, BSc Cant., PGDIpFA Auck., MDes
2011 Heather Gaalbraith, BFA Auck., MA Goldsmiths, Lond.
2007 Ann Shelton, MFA UBC

Senior Lecturers
2014 David Cook, BSc Cant., MFA RMIT
1997 Emma Febvre-Richards, BFA(Hons), MFA (equiv.) Aix-en-Provence
2002 Bryce Galloway, MFA Auck.
2002 Eugene Hansen, MFA RMIT
1995 Maddie Leach, MFA Cant.
2004 Hemi Macgregor, DipFA, BFA, MMVA
1993 Helen Mitchell, DipPhot WP, DipArts Well., MFA
2002 Marcus Moore, BFA(Hons) Cant., MA Well., PhD Well.
1999 Simon Morris, CertTertEd WP, BFA Cant., MFA RMIT
2016 Raul Ortega-Ayala, BFA Mexico, MFA Glas.
2008 Martin Patrick, MA SUNY, MFA Texas, PhD Kent
2003 Kura Puke, BFA UCOL, MMVA
2004 Rachael Rakena, MFA DP
1996 Richard Reddaway, DipFA Cant., MFA RMIT

Lecturers
2008 Israel Birch, MVA
2007 Caroline McQuarrie, BFA Cant., MFA
2014 Sarah Jane Parton, BFA(Hons), MA Well.
2002 Karin van Roosmalen, MFA RMIT
2013 Shannon Te Ao, BFA Auck., GDipTchg Auck.
2017 Erena Arapere, BMVA(Hons), MMVA
2017 Rongomaiaia Te Whaiti, BMVA(Hons), MMVA

Senior Tutors
2007 Georgiana Morrison, BA(Hons) Well., DFA(Hons) Otago
2009 Richard Whyte, BA Well., MA Well.

Technical Staff
2017 Michael Bridgman, BA Otago
2008 Tim Larkin, BDes Well., BA Auck.
1989 Peter Miles
2011 Shaun Waugh, PGDIpFA
1996 Jane Wilcox, DipPhoto, BFA

School Manager
2015 Ana Trenwith

Senior Programme, Operations and Process Administrator
2017 Susan Sum, CertAdvlg

Ngā Pae Māhutonga – School of Design

Head of School and Professor
2015 Brian Lucid, MFA RISD

Professor
2009 Julieanna Preston, BArch UPIlandSU, MArch Cranbrook, PhD RMIT

Associate Professors
2000 Rodney Adank, DipID WP, MDes
1993 Sandra Heffernan, CertArt&Design Loughl., DipTchg, DipHSci Otago, PhD GSA
2017 Sven Mehzoud, BDes Well., MDes

Senior Lecturers
1993 Catherine Bagnall, MFA Auck.
2003 Mark Bradford, BFA Cant., MFA RMIT, PhD
2009 Anna Brown, BFA Well., BA(Hons) Cant., MDes
1991 Deborah Cumming, BSc Cant., MDes
2013 Emma Fox Derwin, MDes Well.
2000 Lyn Garrett, DipID WP, MDes
2016 Faith Kane, BA(Hons) Lough., PhD Lough.
2007 Karl Kane, BA, BDes Well., MDes
2017 Kerry Ann Lee, GCGLT Otago Poly., MDes
2009 Tanya Marriott, GradDipDes, MDes
2017 Andre Murniaks, BSc OSU, MFA OSU
1993 Jacqueline Naismith, DipTchg, BA Auck., PGDIpCommns Well., MA, PhD
2008 Anthony Nevin, DipTchg, DipFA Otago, PGDIp RMIT, MA RMIT
2015 Jason O’Hara, DipVCD
2002 Annette O’Sullivan, MA Lond., HND Lond., DipVCD WP, MISTD, MBInstPkg
2002 Tim Parkin, BDes Well., MDes
2001 Donald Preston, MFA, DipVCD WP, PGDIpFA
2010 Sue Prescott, BA(Hons) Manc.Met., MDes.
2003 Euan Robertson, DipVCD WP, PGDIpFA, MFA
1996 Matthijs Siljeme, MDes (equiv.) Eind.
2015 Tristam Sparks, BCompGraphDes UCOL, MFA IDI Ivrea
2009 Jennifer Whitty, BDes(Hons) NCAAD, MA RCA

Lecturers
2013 Jennifer Archer-Martin, MDes
2012 Jo Bailey, BSc Exc., MDes
2013 Alex L. Bevan, MA Northwestern, PhD Northwestern
1995 Caroline Campbell, DipVCD WP, MDes, PhD Well.
1989 John Clements, NZTC Printing AIT
2008 Stuart Foster, MDes
1998 Lee Jensen, BDes Well., PGDIpFA, MFA,
2009 Natalie McLeod, MA Glas.
2005 Lisa Munnelly, MFA
2016 Megan Rollandi, BPerfDes(Hons), MDes
1993 Joyce Tam, CertClo&Tex WP, BDes
1987 Nina Weaver, BEd, TTCert, CertClo&Tex WP, MFA

Senior Tutors
2007 Matt Clapham, DipVCD WP
2000 Robyn Conner, CertClo&Tex WP, BDes
1993 Mary-Ellen Imlach, CertClo&Tex WP, DipTchg WellCOE, BEd
19

OFFICERS AND STAFF OF THE UNIVERSITY

Technical Staff

2012 Klaus Kremer, MDSc
2007 Fay McAlpine, DipVCD WP
2007 Hugh Slaven, CertIndDes
2009 Erna Stachl, DipEd
2012 Tim Turnidge, BDes(Hons) Well.
2007 Lee Whiterod, DipVCD CPIT, MDSc

School of Music and Creative Media Production
Wellington Campus

Head of School and Associate Professor
2012 Andre Ktori, BA Wales, MA Westminster

School Manager
2007 Heike Ulrich, BBS HWR Berlin, MBA

College of Health

Centre for Ergonomics and Occupational Safety and Health

Director and Professor
1995 Stephen J. Legg, BSc(Hons), PhD, FERgS, CNZERg

Associate Professor
1985 Ian S. Laird, DipHEd, MSc Lond., PhD, MRSH

Senior Lecturer
2006 Kirsten Olsen, MSc, PhD TechUniv. Denmark

School of Health Sciences

Head of School and Associate Professor
1999 Rachel A. Page, BSc(Hons), PhD

Auckland Campus

Associate Professors
2000 Kay J. Rutherford-Markwick, BSc(Hons), PhD

Senior Lecturers
2012 Martin Dickens, BSc(Hons), PhD Brist.
2015 Hugh Senior, MSc, PGDipPH, PhD Auck.

Lecturer
2016 Kaio Vitzel, BBioSc, PhD San Paulo

Senior Tutors
2015 Cheryl Gammon, DipPharm, BSc, PhD
2012 Judy Thomas, BHK Windsor, MSc W. Ont., PhD AUT

Manawatū Campus

Professors
2000 Marlena Kruger, MSc NWU, PhD S.Af.Med.
1995 Stephen Legg, BSc(Hons), PhD, FERgS, CNZERg
2001 Roger Lentle, MB BS Lond., MSc, PhD, LRPC, MRCS, FRNZCGP

Senior Lecturers
2016 Devin Abrams, MMus Otago
2016 Lucas Haley, BA Reed College, MFA PNCA
2015 Bridget Johnson, MMA, PhD Well.
2015 Warren Maxwell, BMus
1998 Norman Meehan, MMus Well., PhD NZSM
2015 Oli Wilson, MusB(Hons), PhD Otago

Lecturers
2015 Neil Aldridge, BA(Hons), Midd.
2016 Tristan Bunn, B Tech Cape Peninsula UT, MSc Cape Peninsula UT
2015 Nicky Harrop, BA Auck.
2017 Ben Howe, BA(Hons), MA Auck.
2015 Ian Jorgensen
2017 Mathew Knight, BA Cant., CC
2017 Radoslaw Rudnicki, BA(Hons) Abertay, MRes, PhD York(UK)
2016 Justin Rotolo, BFA SVA

Technical Staff

2015 James Coyle, BArch Well.
2016 Virginia Ghiglione, DipCin CFP del SICA
2015 Ryan Prebble, DipAE Auck.
2017 Tarrant Shepherd, EdA Bath-Spa UC
2016 Lars Vandrey, MSc(BSc) TFH Berlin

School Project Manager
2017 Nicci Boucher

School Manager
2015 Penny Packard, BCom Cant.CC

Associate Professors
1985 Ian S. Laird, DipHEd, MSc Lond., PhD, MRSH
1982 Mary F. Nulsen, BSc(Hons) W. Aust., PhD Flin.

Senior Lecturers
1997 Mary Breheny, MA, PhD
2004 Wei-Hang Chua, DipSc, BSc, PhD
1994 Gretchen A. Good, BA Mich.State, MA Rost Col., PhD, COMS, CVRT
1992 Chris J. Kendrick, DipSci, MSc, MNZIMLS
2006 Kirsten Olsen, MSc, PhD TechUniv. Denmark
2002 Suzanne Phibbs, MA, PhD Cant.
2000 Andy Towers, MA, PhD

Lecturers
2015 Brendan Stevenson, DipDairyTech, MA
2016 Ayelet Ziv-Gal, BSc, MBA Ben-Gurion, PhD UIUC

Senior Tutor
2015 Maxine Clark, BSc(Hons), PhD

Tutor
2012 Ying Jin, PGDipNutSci, MNutSci

Research Officer
2005 Sharon Henare, BSc, PhD

Technical Staff
2006 Shampa De, BSc, MSc
2004 Corrin Hulls, BSc, MSc
2006 Gabrielle Pimmer, BSc
2008 Louise Shaw, NZCS, GradDipSc

Wellington Campus

Professor
2016 Barbara Burlingame, BSc UC Davis, PhD

Associate Professors
1985 Ian S. Laird, DipHEd, MSc Lond., PhD, MRSH
1982 Mary F. Nulsen, BSc(Hons) W. Aust., PhD Flin.

Senior Lecturers
1997 Mary Breheny, MA, PhD
2004 Wei-Hang Chua, DipSc, BSc, PhD
1994 Gretchen A. Good, BA Mich.State, MA Rost Col., PhD, COMS, CVRT
1992 Chris J. Kendrick, DipSci, MSc, MNZIMLS
2006 Kirsten Olsen, MSc, PhD TechUniv. Denmark
2002 Suzanne Phibbs, MA, PhD Cant.
2000 Andy Towers, MA, PhD

Lecturers
2015 Brendan Stevenson, DipDairyTech, MA
2016 Ayelet Ziv-Gal, BSc, MBA Ben-Gurion, PhD UIUC

Senior Tutor
2015 Maxine Clark, BSc(Hons), PhD

Tutor
2012 Ying Jin, PGDipNutSci, MNutSci

Research Officer
2005 Sharon Henare, BSc, PhD

Technical Staff
2006 Shampa De, BSc, MSc
2004 Corrin Hulls, BSc, MSc
2006 Gabrielle Pimmer, BSc
2008 Louise Shaw, NZCS, GradDipSc

Wellington Campus

Professor
2016 Barbara Burlingame, BSc UC Davis, PhD
Associate Professor
2003 Wyatt H. Page, BE(Hons) Auck., PhD

Senior Lecturers
2015 Collette Bromhead, BSc, PhD Well.
2012 Nicholas Kim, BSc(Hons), PhD Cant.
2011 Geoff Kira, DipExSc UCot., BSc(Hons) E.Cowan, PhD AUT
2008 Anna Matheson, BA(Hons) Well., PhD Otago
1997 Stuart J. McLaren, MSc Waik., DipAPC RSH, DipPHI RSH, PhD
2012 Barry Palmer BSc(Hons), PhD Otago
2016 Christina Severinsen, MSc Otago, PhD Otago
2010 Michelle Thunders, BSc(Hons), PGCertHE, PhD Lond.
2014 Penelope Truman, MSc Auck., DipBusStud, PhD Otago
2017 Leonie Walker, BSc, MSc, Birm., MSc Northumbria, PhD Birm.
2010 Mathew Walton, BA(Hons) Well., PGDipPH Otago, PhD Otago

Lecturers
2014 Eva Neely, BHHbSc, PhD

Adjunct Lecturer
1985 Stan E. Abbott, DipMedMicro, DipHistopath, MSc

Online Teaching Consultant
2017 Gaelyn Douglas, MEd

Senior Tutors
2010 Daniel Wadsworth, BSc(Hons), MPhil

Technical Staff
2010 Michelle Mathieson, BSc(Hons), PGCertHE, PhD Lond.
2014 Penelope Truman, MSc Auck., DipBusStud, PhD Otago
2017 Leonie Walker, BSc, MSc, Birm., MSc Northumbria, PhD Birm.
2010 Mathew Walton, BA(Hons) Well., PGDipPH Otago, PhD Otago

Research Centre for Māori Health and Development

Director and Professor
1996 Chris Cunningham, BSc(Hons), PhD Well., MRSNZ

Senior Research Officers
2016 Hope Tupara, PhD
2017 Doris Kaua, DipM, BA, MMP, PhD
2017 Margaret Wilkie, BA, DipTchg, MA, PhD

Research Fellows
2012 Roy Hoera, MA
2013 Craig Waterworth, PGCertTchg, MA, PhD

Full Bright Scholar
2017 Lorien Jordan, PhD

School of Nursing

Head of School
2016 Mark Jones, BSc(Hons) Lond.S.Bank, MSc Brist., DSocSci Brist., HgrDipHV Lond.S.Bank, GradDipTh Laid, R HV, RN, FACN, FCNA(NZ)

Associate Head of School
2008 Jill Wilkinson, BN, PGCertTertTchg, MA, PhD, RN

Auckland Campus

Associate Professor
2017 Karen Hoare, MSc, PhD, NP, RN

Senior Lecturers
2012 Sue Adams, BSc(Hons) Lond., PostgradCertHV Oxf., PGCertHlth, Auck., MSc Lond., RN
2008 Alison Pirret, BA, MA, PGCertNurs, PhD, NP (Prescribing)
2010 Catherine Cook, RN, BHlthSci AUT, MCounts Waik., PhD Auck., PGCertTT

Lecturers
2014 Bernie Kushner, BScN Br.Col., MPhil, MCNA (NZ)
2013 Sione Vaka, BHSc AUT, PGCertTchg, PGDipHSc Auck., MN Auck., PhD
2016 Monina Hernandez, BSN, NSRPGC, PGCertTT, PGDipHSc Auck., MNurs Auck., RN, RM, CNS

Professional Clinicians
2014 Jenny Green, MPhil, RN
2017 Beth Cooper, DipN AUT, ADN, BN, PGDipHSM, MMgt, RN

Manawatu Campus

Professor
1949 Jenny Carreyer, MNZM, DipCouns, DipSocSci, BA, PhD, RN, FCNA(NZ)

BN Programme Director
2004 Engelbert C. Teekman, MA, PhD, RN

Associate Professors
2003 Vivien K. Rodgers, BA Deakin, BN Deakin, PGCertAT Wairiki, GDGN Deakin, MN Deakin, PhD, FCNA(NZ), RN

Wellington Campus

Director and Professor
1989 Annette Huntington, MNZM, PhD, BN Well., RN

Associate Professors
2017 Nadine Bishop, PhD

Senior Lecturers
2012 Marla Burrow, BEd Tx&d M, MUP Tx&d M, MS Portland, RN, CNL AACN
2016 Mary Lynch, MS, MPH, PNP-BC, FAAN, RN
2013 Kathryn Holloway, PhD, RN
2014 Jean Clark, PhD, RN

Honorary Research Fellows
2012 Mark Henderwood, BN
2013 Craig Waterworth, PGCertTchg, MA, PhD

Professional Clinicians
2012 Mary Lynch, MS, MPH, PNP-BC, FAAN, RN
2006 Catherine Turner, DipTchg, BA Qld., MN Flin., PhD Qld., RN
2016 Jan Weststrate, PhD, RN

Centre for Public Health Research

Director and Professor
2003 Jeroen Douwes, PhD Wagen.
### Wellington Campus

**Professional Research Fellows**

- 2009 William Glass, ONZM, FFOM
- 2003 Andrea Boran, PhD
- 2010 John Potter, MBBS, PhD
- 2011 Deborah Read, DComH, MBChB Otago, FAFPHM

**Senior Research Fellows**

- 2000 Lis Ellison-Loschmann, MA, PhD
- 2005 Dave McLean, PhD

**Public Health Registrar**

Appointment pending

**Research Fellows**

- 2016 Naomi Brewer, BSc(Hons) MMedSci Sheff, PhD
- 2006 Collin Brooks, BSc(Hons) Leeds, PhD
- 2013 Grace Chen, BE CAMIC, BA CUEB, PGDipPH
- 2017 Hayley Denison, BSc(Hons) Bath, PhD Well.
- 2013 Amanda Eng, BCA, BSc Well., PGDipPh, PhD
- 2006 Riz Firestone, MPH, PhD
- 2014 Fei Xu, MBChB
- 2017 Rosemary Mwipiko, BSc
- 2016 Carolin Haenfling, MSc
- 2003 Michelle Gray, BA
- 2014 Prachee Gokhale, MSc
- 2015 Christoph Hackenberg, BA
- 2008 Tracey Whaanga

**Analysts**

- 2012 Caroline Fyfe, BSc(Hons) Manc., PGCE Wales, PGDipPH
- 2015 Kirstin Lindberg, BSc Auck., MBChB Otago, MSc Edin.
- 2013 Kylie Mason, BA Well., MSc Well., PCertPh Otago

**Research Assistants**

- 2015 Hajar Ali, BMSc(Hons) Well.
- 2014 Prachee Gokhale, MSc Bom.
- 2003 Michelle Gray, BA Well., PGDipPH
- 2015 Christoph Hackenberg, BA Vienna
- 2015 Jean Feary McKenzie, BSc(Hons) Otago
- 2008 Tracey Whaanga

**Analysts**

- 2016 Carolin Haenfling, MSc Well.
- 2017 Rosemary Mwipiko, BSc Well., PGDipGIS Well.
- 2014 Fei Xu, MBChB Sun Yat-Sen, PGDipPH Auck.

**Biostatisticians**

- 2000 Soo Cheng, BSc(Hons), GDipInPhSc
- 2014 Marine Corbin, MSc Essai, PhD
- 2010 Mathangi Shanthakumar, MSc Auck.

**Business Manager**

- 2006 Hilary Nuttall

**Administrators**

- 2013 Nathalie Huston, DipN CPIT

**SHORE and Whāriki Research Centre**

**Auckland**

Co-Director – SHORE and Whāriki Research Centre and Professor

- 2002 Sally Casswell, ONZM, BA Sheff., PhD Otago, FRSNZ

Co-Director – SHORE and Whāriki Research Centre and Professor

- 2002 Helen Moewaka Barnes, MPH Auck., PhD

**Associate Director – SHORE and Whāriki Research Centre and Professor**

- 2002 Karen Witten, MSc Auck., PhD Auck.

**Business Manager**

- 2002 Caroline Lowe, BA Well.

**SHORE Research Staff**

- 2002 Lanuola Asiaisaga, MA Well., PhD Well.
- 2017 Octavia Calder-Dawe, BA/BSc Auck., BSc(Hons) Auck.
- 2006 Penelope Carroll, MA Auck., PhD Well.
- 2010 Thomas Graydon-Guy, BA(Hons) Auck.
- 2002 Taisia Huckle, MA Auck., PhD
- 2007 En-Yi Lin, BSc(Hons) Auck., PhD Well.
- 2014 Karl Parker, BSc Auck., MSc Auck., PGDipSci Auck.
- 2011 Stephen Randerson, BA Auck., MSc Cant.
- 2016 Jose Romeo, PhD Sào Paulo
- 2017 Marta Rychert, BA Łódz., LLM Warsaw
- 2008 Martin Wall, BA Essex, MSc Lond., PhD Lond.
- 2002 Chris Wilkins, MMS Waik., PhD Waik.

**Whāriki Research Staff**

- 2015 Trina Baggett
- 2002 Belinda Borell, MPhil
- 2002 Wendy Henwood, BA
- 2002 Victoria Jensen-Lesatle, BA Auck., LLB Auck., MPH
- 2002 Tim McCrae, MSc Auck., PhD Auck.
- 2004 Verne McManus, MA Auck.
- 2015 Emerald Mcllsee, BA(Hons) Auck., MSc Auck.
- 2008 Angela Moewaka Barnes, MA Auck., PhD Auck.

**Information Manager**

- 2002 Lisa Morice, BA, DipLib Well.

**Honorary Research Fellows**

- 2002 Paul Duignan, MA Well., PhD Waik.
- 2012 Ray Nairn, MA Auck., PhD Auck.

**Sleep/Wake Research Centre**

**Director and Professor**

- 2003 Philippa Gander, PhD Auck.

**Associate Director and Associate Professor**

- 2003 T. Leigh Signal, BAV, PhD Otago

**Senior Research Officer**

- 2013 Lora Wu, PhD Wsu.

**Research Officers**

- 2010 Rosemary Gibson, BSc(Hons) UK, RPSGT, MSc Well., PhD Well.
- 2005 Karyn O’Keeffe, BSc(Hons) Well., PhD Otago
- 2007 Bronwyn Sweeney, BHistSc(Hons), MClinPsych, PhD
- 2013 Jennifer Zaslona, BSc(Hons) UK, PhD Well.

**Junior Research Fellow and Doctoral Candidate**

- 2003 Margo van den Berg, BA Well., PCertSc, PGCertMedTech Otago

**Doctoral Candidates**

- 2016 Claire Ladyman, BSc ECU, PGDip UWA
- 2005 Diane Muller, BOT Otago, MPH Well.
- 2014 Cameron Dyer, BAV, PGDipAv, MMgt

**Business Manager**

- 2015 Kathryn Teal

**Administrators**

- 2016 Tracey Alexander, BBS
School of Social Work

Head of School and Associate Professor
2002 Kieran O’Donoghue, BTheol Otago, DipSocSc, MPhil, PhD, RSW

Associate Head of School
2010 Lareen Cooper, BA, DipSocSc, MBA, RSW

Auckland Campus

Associate Professors
2003 Mark Henrickson, BA Trin.Coll., MDiv EDS Maxx., MSW Conn., PhD Calif., RSW
2014 Ksenija Napan, BSW Zagreb, MSc Zagreb, PhD, RSW

Senior Lecturer
2011 Shirley Julich, BA(Hons), PhD

Lecturers
2011 Moses Faleole, DipSW, CertTerTchg Manukau, MSW, PhD, RSW
2017 Hagyun Kim, MSW(Applied), PGDipHlthSci AUT, PhD AUT, RSW

Professional Clinician
2011 Lynsey Ellis, BA(Hons)

Honorary Research Associate
Rajen Prasad, PhD

Manawatū Campus

Professors
1991 Robyn Munford, ONZM, BSW, MSW Calif., BPhil, PhD
2005 Jackie Sanders, MA, PhD

Senior Lecturers
2011 Michael Dale, BA, MSW, PhD, RSW
1999 Kathryn Hay, BEd, DipTchg, DipSocSc, MPhil, PhD, RSW
2015 Tracie Maffileo, BSW, PGCertArts, PhD, RSW
2010 Nicola Stanley-Clarke, BSW, MSW, PhD, RSW
1993 Martin Sullivan, QSO, BA, PhD Auck.
2010 Polly Yeung, BA, MSW(Applied), PhD, RSW

Lecturers
2010 Awhina English, BA, PGDipSocSc, MA Otago, PhD Otago, RSW
2011 Hannah Mooney, BSW, MSW, RSW
2003 Helen Simmons, BSW, PGDipSocServSup, MPhil, RSW

Senior Professional Clinician
2003 Andrea Watson, CertSoc&CommWk, BSW(Hons), MSc(SocSc), PhD, RSW

Tutor
2015 Andrea Watson, CertSoc&CommWk, BSW(Hons), PGDipSocServSup, RSW

Honorary Research Associates
2015 Rachael Selby, JP, DipTchg, BA, MPhil

Honorary Teaching Associates
2014 Mathew Keen, CertCaringEd, CertClinSup CIT, AdvCertDualDiagnosis CIT, BSW(Hons), PGcertArts, MSW
2014 Andrea Watson, CertSoc&CommWk, BSW(Hons), PGDipSocServSup, RSW

Manager Administrative Services
1988 Michael Donnelly, BBS, PGDipBusAdmin

School of Sport, Exercise and Nutrition

Head of School
2004 Andrew Foskett, BA(Hons), PGCE, MSc, PhD Lough.

Chair in Human Nutrition
2008 Bernhard H. Breier, MSc Gottingen, PhD Auck.

Team Leader Dietetics and Associate Professor
2007 Rozanne Kruger, BScDieteticsHons Pret., PGDipHospDietetics Pret., MDietetics Pret., PhD N-W (S.Af.), NZRD, RD (S.Af.)
**College of Humanities and Social Sciences**

**Director**

2015 Rouben Azizian, MA MGIMO, PhD DipAcad, Moscow

**Deputy Director and Senior Lecturer**

2016 Germana Nicklin, PGDipSS Well., MPP Well., PhD Well.

**Associate Director and Senior Lecturer**

2005 Nick Nelson, BA(Hons), MMgt Cant.

**External Relationship Manager**

2013 Oiroa Kaihau, MPhil

**Research Mentor**

Graeme Fraser, CNZM, MA, PhD Miss. (Professor Emeritus)

**Senior Lecturers**

2015 Andrew Colarik, BA Hiram, MBA Kent State, PhD Auck.
2013 William Hovard, BCA Well., MA Well., PhD Well.
2017 Marc Lanteigne, MA, PhD MU
2011 Ngar Partow, MA AUT, PhD, MA Well.
2013 Anna Powles, MA Well., PhD ANU
2013 Damien Rogers, BA(Hons) Cant., MA Cant., MIR Well., PhD ANU, PhD Waik.
2016 Christopher Rothery, BDefStuds, PGDipBusAdmin, MMDS ANU

**Lecturers**

2013 Rhys Ball, BA Auck., MSS Well., PhD
2003 Carl Bradley, MA, PhD Newcastle
2011 Danna Challies, BA, BSc(Hons), PhD Well.
2011 Terence Johanson, MMAS USCGSC, MA
2007 John Moremon, BA(Hons) NE, PhD NSW

**Senior Tutor**

2009 Marcel Zentveld-Wale, BA(Hons) Well., MA

**Tutors**

2017 Sirous Amerian, BA, FUM, MA UT
2013 Hakim Khajeh, BA UT, PGDipInDev, MImmDev
2014 Nicola Macaulay, BA Well., MImmSy

**Honorary Teaching Associates**

2016 John Battersby, BA(Hons), PhD
2011 Rachel Butler, BSc(Hons) Liv., PGDip PJud., MPhil
2016 Deirdre McDonald, LLB(Hons) Waik., LLM Waik.
2014 Mark Malan, BMil Stell., MMil Stell.

**Institute of Education**

**Director of Institute and Professor**

1995 John O’Neill, DipRSA, BA Nott., PGCE Lanc., MSc, PhD, CNAA

**Auckland Campus**

**Professor**

2006 Thomas Nicholson, Teachers’Cert Syd., BA Syd., MA, PhD Minn.

**Associate Professors**

1998 Mandia Mentis, HDipEd Wits., MEd, PhD
2003 Roberta Hunter, DipTchg, MEd, PhD

**Senior Lecturers**

2008 Sally Clendon, MSLT Cant., PhD NihCarolina
2016 Elizabeth Doell, BA Cant., MEd Cant., PhD Syd.
2017 Lucila Carvalho, BA, MSc, PhD Syd.
2012 Jodie Hunter, BA Auck., PGDipTchg, MEd, PhD UoP

**Lecturers**

2012 Wendy Holley-Boen, BA Calif., MSc Oregon
2007 Jayne Jackson, DipTchg, BSoSci Waik., MEd Auck.

**Senior Tutor**

2011 Graham Jackson, DipTchg, BA Waik., MEd Waik.

**Clinical Director Speech Language Therapy**

2004 P. Yvonne Cope, DipTchg, PGCertClinTchg Cant., PGDipSLT

**Senior Professional Clinicians**

2013 Alison Cooper, BA Newcastle (UK), MSc City (UK), PhD Newcastle (UK)
2013 Terence Edwards, BA, PGDipEdPsych, MEdPsych
2012 Emily Jones, BAppSc Syd., MSpchLangTher

**Clinical Educators**

2007 Delize Delaney, BA Pret.
2007 Patricia Govender, BSLT(Hons) Durban-W
2003 Annabel Grant, BSLT Cant., PGCertHS Auck.

**Manawatu Campus**

**Professors**

1995 Glenda Anthony, DipTchg, BSc(Hons), MPhil, PhD, LTCL
2007 Howard Lee, BA, MEd, PhD Otago, ATCL
2001 Margaret Walshaw, DipTchg, BSc Cant., MEdAdmin, PhD

**Associate Professors**

2016 Roseanna Bourke, BEd, PGDipEdPsych Otago, MEd Otago, PhD
1978 John A. Clark, DipPhiloEd, DipTchg, BEd Waik., MA Lond., PhD
1999 Sally Hansen, DipEd, DipTchg, BA Well., MPhil, PhD
1994 Penny Haworth, DipSLT, DipTchg, BEd, MA, PhD
1997 Alison Kearney, DipSTN, AdvDipTchg, MEd, PhD
1996 Tracy L. Riley, MEd, PhD Sth Miss.

**Senior Lecturers**

2010 Karen Anderson, DipTchg Cant., BA(Hons) Well., MEdAdmin
2006 Alison Arrow, BA Well., MA Auck., PhD Auck.
2011 Karen Ashton, BA Well., BCA Well., MA Cardif, PhD Lond.
2013 F. Tony Carusi, BA, MA, PhD Georgia
2013 Vijaya Dharan, BEd, BA, PGDipEd, MA, PhD
2013 Karen Frewin, BA, MA, PhD
2011 Maggie Hartnett, BSc(Hons) Adel., MEd, PhD
2007 Alyson McGee, DipTESOL Westmidlands, BEd Birm., MEd, MSc Aston, PhD Göthenberg
2013 Tara McLaughlin, BA, MEd, PhD
2008 Cat Pausé, BA TUni, MA TUni, PhD TUni
1990 Jenny Poskitt, DipTchg, BEd, MEdAdmin, PhD
2003 Peter Rawlins, DipEd, BSc, MEdStuds, PhD
1994 Alison Sewell, DipTchg, BEd, MEd, PhD
2014 Bevan Erueii, BEdDipTchg, PGDip, TWOR., MEd, PhD

**Lecturers**

2011 Karyn Aspden, DipTchg, MEd, BA, PhD
2011 Rose Atkins, DipTchgSec, BSc, MEd
2006 Tracey-Lynne Cody, DipTchg, BEd, MA, MSc
2013 Clare Mariskind, BA, MEd, PhD
2011 Karen Ashton, BA, BCA, MSc, PhD
2011 Karyn Aspden, DipTchg, MEd, PhD
2011 Raewyn Eden, DipTchg(Prim) WCE, BCA Well., MEd Well.

**Senior Tutors**

1987 Teresa Ball, MEd, PhD, CertEd Leic.
2010 Julia Budd, HND, DMS, DipRehab, MPhil, PhD
2007 Monica Cameron, PGDipTchg, MEd
2008 Judith Deanne-Freeman, MEd
2011 Judith Donaldson, DipTchg, DipEd, PhD, MA, ATCL, AIRMT NZ
2013 Linda Rowan, BSc, MEd, PGDipSc

**Senior Professional Clinician**

2001 Brent Gardiner, BSc, MEd, MNZPsS
Research Officer
2005 Philippa Butler, BA, MA

Adjunct Professor
2015 Jill Bevan-Brown, BA, MEd, PhD

Adjunct Senior Lecturers
2017 James Graham, BA, MEd, PhD
2016 Graeme Macann, BA, MA, MEdAdmin

Honorary Teaching/Research Associates
2015 Jenny M. Lawn, MA, PhD
2016 Hayley Whitaker, BEd(Tchg), PGDipEd
2003 Heather Bell, DipTchg, DipTechEd, MEd
2016 Hayley Whitaker, BEd(Tchg), PGDipEd

School of English and Media Studies
Head of School and Associate Professor
1998 Jenny M. Lawn, MA, PhD

Auckland Campus
Associate Professors
1997 Joe A. Grixti, MA Ox., PhD Brist.
2004 Bryan J. Walpert, MFA Maryland, PhD Denver

Senior Lecturers
2016 David R. Gruber, MPW USC., PhD NCSate
2013 Rand T. Hazou, MPrel La Trobe, PhD La Trobe
1996 Mary E. Paul, DipTESL Well., MA, PhD Auck.
2006 Jack R. Ross, CLTA AUT, MA Auck., PhD Edin.
2005 Simon Sigley, MA Nancy II, PhD Auck.

Lecturers
2013 Hannah August, MA, PhD Kings
2014 Pansy Duncan, PhD Auck.
2006 Stuart Hoar
2012 Erin Mercer, MA, PhD Well.

Senior Tutors
2006 Matthew Harris, MA Auck., PhD
2013 Bronwyn M. Lloyd, MA Auck., PhD Auck.
2015 Jan Sinclair, PhD Auck.

Tutors
2017 Johanna S. Emeney, MA Camb., PhD
2015 Anne Lochead, MA Auck., PhD
2015 Jane Marshall, BA(Hons) Cant.

Manawatū Campus
Associate Professors
1989 Lisa E. Emerson, MA, PhD
1995 Angie Farrow, TCert, MEd, PhD Exe.

Senior Lecturers
2016 Keith Comer, MA, PhD Oregon
2005 Thom Conroy, MA Oklahoma, PhD Ohio
1996 Allen Meek, MA, PhD Florida
2010 Philip M.C. Steer, MA Well., PhD Duke
2007 Kim Worthington, BA(Hons), DPhil Ox.

Lecturers
2013 William (Bill) Angus, MA, PhD Newcastle (UK)
2008 Ian Huffer, BA(Hons), DPhil Sussex
2013 Tina Makereti, MA, PhD Well.
2013 Sy A. Taffel, BA(Hons), PhD Brist.

Senior Tutors
2013 Sally Couper, BA(Hons) Otago, DPhil Ox.
2013 Shelley M. Dixon, MA, PhD Well.
2016 Rachel J. Lenart, BA(Hons) Well.
2006 Margi Mitcalfe, CertTESOL, DipCnsllg

Tutors
2015 Glenys Bowman, MA Well.
2012 Peri Chapelle, MA
2006 Suzanne Chelius, MA Oklahoma
2011 Joan Fleming, MA Well.
2006 Louise Fosler, BTech(Hons), GradDipALT
2011 Rebecca Freeman, BA, GradDipTchg(Sec)
2015 Tracey Hepi, BBS, GradDipArts
2007 Sheridan Hickey, BA, TTC PNTC, LSBS(CL), LSBS(PS), LSBS(S&D)

Ruawharo Centre, Napier
1993 Barry Potter, DipEd, TTC, MEdAdmin
2003 Heather Bell, DipTchg, DipTechEd, MEd
2016 Hayley Whitaker, BEd(Tchg), PGDipEd

School of English and Media Studies
Head of School and Associate Professor
1998 Jenny M. Lawn, MA, PhD UBC

Centre for Equity Through Education
Director
Appointment pending

Centre of Excellence for Research in Mathematics Education
Co-Directors
1995 Glenda Anthony, DipTchg, BSoc(Hons), MPhil, PhD, LTCL
2001 Margaret Walshaw, DipTchg, BSc Cant., MEdAdmin, PhD

Tātai Angitu e3@Massey
Coordinating Director
2015 Maree Brannigan, BEd, DipTchg, PGCertMgt

Manawatū Campus
Coordinating Director
2012 Keri Cheetham, BEd(Tchg)
2016 Ken Kilpin, BSoSci Wais., MEd, GradDipTchg(Sec)
2016 Tama Kirikiri, BA(Hons) Well., QTS E.Lond., PGDipTchg
2011 Diane Leggitt, TTC, AdvDipTchg, BMus, MEd
1993 Barry Potter, DipEd, TTC, MEdAdmin
2015 Sally Roberts, BEd, DipTchg
2017 Fa’anusalua Tagoilelagi-Leota, BA Auck., MA Auck.

School of English and Media Studies
Head of School and Associate Professor
1998 Jenny M. Lawn, MA, PhD UBC
Honorary Research Fellows
1987  Doreen D’Cruz, BA(Hons) Sing., MA, PhD Mich.
2002  Judith D. Penny, DipTchg, MA, PhD
2013  Russell G. Poole, MA Otago, PhD Toronto
2000  John C. Ross, MA Wel., PhD Lond.
2008  E. Warwick Slinn, MA Cant., MA Hawaii, PhD UBC

Wellington Campus
Associate Professor
2014 Elspeth Tilley, BA(Hons), PhD Otag.

Senior Lecturers
2007 Ingrid A. Horrocks, BA(Hons) Well., MA York, PhD Princeton

Lecturers
2016 Mitsue Tabata-Sandom, BLaw
2015 Vanessa Schouten, MA
2015 Liangni Sally Liu, MA, PhD McMaster
2015 Jun Nakamura, MEd
2014 Jose D’az Rodriguez, BA(Hons)
2016 Anastasia Bakogianni, MA Caledonian, PhD

School of Humanities
Head of School and Associate Professor
1997 Kerry Taylor, BA(Hons), PhD Wel.

Auckland Campus
Professors
1979 Peter J. Lineham, BD Otago, MA Cant., DPhil Sus.

Senior Lecturer
1999 Adam Claassen, BA(Hons), PhD Cant.

Lecturers
2016 Anastasia Bakogianni, BA Reading, MA Durham, PhD Lond.
2014 Jose D’az Rodr’guez, BA(Hons) Madrid, PGDipArts Auck., MA, PhD Leeds
2006 David Ishii, BLA Guelph, MA Monterey, PhD Toronto
2014 Victoria Kenny, BComm(Hons), GDipTchg, Wel.
2015 Michael Li, BA Shangdong Normal, MA Nankai, PhD Waik.
2012 John Matthewson, BA, MBChB Otago, BA(Hons) Wel., PhD ANU
2016 Jun Nakamura, MEd Tokyo Gakugei, MAPS ANU, PhD Auck.
2015 Ianngi Sally Liu, MA, PhD Auck.
2015 Vanessa Schouten, MA Wel., PhD Princeton
2016 Mitsue Tabata-Sandom, BLaw Kanazawa, MA, PhD Well.
2015 Krushil Watene, MA Auck., PhD St And.

Manawatu Campus
Professors
2004 William J. Fish, MA, PhD Nott.
1998 Glynn Harper, DipTchg, MA Cant., PhD NE
1983 Cynthia J. White, DipTESL Wel., BA(Hons), PhD

Associate Professors
2010 Andrew Brown, BA(Hons), DPhil Oxf.
1994 Kirsty Carpenter, MA, PhD Paris I, Sorbonne
2001 Adriane A. Rini, BA Smith, PhD Mass.

Senior Lecturers
2002 Leonel Alvarado, BA Honduras, MA, PhD Maryland
2011 Maria C. Bortolotto, MA, PhD UNC
2002 France Grenadier-Klijn, BA(Hons), PhD Well.
2004 Karen Jillings, MA, PhD Aberd.
2005 Douglas Osto, BA Grinnell, MTS Harvard, MA Wash., PhD SOAS
2003 Peter R. Petrucci, MA Caliif. State, PhD USC
1994 Gina Salapata, MA, PhD Penn.
2002 Gillian R. Skyrme, DipSLT, MA Well., PhD
2006 Ute Walker, BA Albertus Magnus Universität, Cologne, MA, PhD
2000 Geoff Watson, MA Cant., PhD Griff.

Lecturers
2016 Rachael Bell, MA, PhD
2006 Arianna Berardi-Wiltshire, DipSLT, BA, PhD
2000 Stephen Duffin, MA
2010 Gerald Harrison, BA(Hons) Kent, MA, PhD Durham.
2012 Peter Meihana, BA Otago, MA, PhD
2014 James Richardson, MA Auck., PhD Exe.
1989 Penelope A. Shino, MA, PhD Auck.
2016 Friederike Pegge, MA FU, PhD Well.
2015 Jonathan Tracy, MA, PhD Tor.
2002 Christopher van der Krogt, DipSLT, MA Cant., PhD

Senior Tutors
2006 Stephen Chadwick, DipSW Hull, MA Aberd., MA, PhD
2003 Tianshu Dong, DipEd, MA Qinghua, MEd
2007 Toshiaki Yamauchi, BLaws Doshisha

Tutor
2006 Cynthia Landa, CertTESL

Wellington Campus
Lecturers
2016 Sharon Marsden, BA(Hons) Wales, CertFET Brad., MA Leeds, PhD Wel.

Honorary Research Positions
Honorary Research Professor
Margaret Tennant, MA, PhD

Honorary Research Fellows
Glynis M. Crop, ONZM, MA NZ, LÉS, Du, Paris
Damienn Fenton, MA Waik., PhD NSW
Liu Jialin, MA, PhD Nanjing
Bronwyn Labrum, PGCertTchg Waik., MA, PhD Wel.
Marcus Maia, MA, MA, MA, PhD USC
Damin Skinner, MA Auck., MIndS Otago, PhD Well.
Hilary Smith, BA Cant., MA, PhD Wel.
Dejin Sun, BA HRBNU, MD UoPeople China, PhD SHNU
Jianqin Wang, BA NENU, PhD BLCU
Yanqun Zheng, BEng

Honorary Research Associates
Brian Colless, DipEd Syd., BA(Hons), BD(Hons) Lond., MA, PhD Melb., ThD A.C.Th.
Stephanie Gilbson, BA Wel., MA
Stephen Hamilton, BA(Hons) Waik., PhD Auck.
Hunrewa Pouatu, MPhil, PhD
Guo Shulun, PhD SJTU
Grant Young, MA Auck., PhD

Te Putahi-a-Toi: School of Māori Art, Knowledge and Education
Head of School and Professor
2017 Meihana Durie, DipTchg, DipBilTchg, BEd, MREO, PhD

Auckland Campus
Senior Lecturer
2003 Fiona Te Momo, CertMāoriStudies, BA, PGDipNFMgt, MMPD, PhD Waik.
Manawatū Campus

Professor
1994 Huia Jahnke, DipTchg, BEd, MEd, PhD

Associate Professor

Senior Lecturers
2006 Margaret Forster, BSc Cant., GradDipMāoridev, MSc Cant., PhD
2000 Darryn Joseph, DipTchg, BA Waik., BA(Hons), CELTA, Tohu Whakamarama ā-tuhi, PhD
1996 Spencer Lilley, MAuck., DipLibr Well., PhD, FLIANZA
2011 Te Rina Warren, BA, MA, DipTePīnakitanga ki te Reo Kairangi

Lecturers
1997 Hone Morris, DipTchg, BA Auck., TTC, Tāunganga Tohu ā-tuhi, ā-waha, MA, Te Panekiretanga
2017 Stacey L. Morrison
1989 Allanah M. Ryan, MA, PhD
2008 Russell Prince, BA
2004 Nigel Parsons, BA(Hons)
1991 Mary E. Murray, BA(Hons)
2009 Carolyn Morris, BA, MA, DipTePīnakitanga ki te Reo Kairangi
1998 Graeme MacRae, MPhil, PhD
2008 Jeffrey McNeill, MA, MPP, PhD
2017 John H. Lowry, BA, MSc, PhD
2016 Helen M. Leslie, MPhil, PhD
2004 Matthew Henry, BRP(Hons), MPhil, PhD
2015 Trudie Cain, BA(Hons), PhD
2007 Maria Borovnik, MSc
2005 Robyn Andrews, MA, PhD

Senior Tutor
2013 Mari Ropata-Te Hei, DipTchg, BEd Auck., BMVA, PGDip Well.

School of People, Environment and Planning

Head of School and Professor
2008 Glenn Banks, MSc Cant., PhD ANU

Professors
2002 Bruce C. Glavovic, BSc Natal, MSc Cape Town, MP, PhD Virginia, MNZPI
1992 Murray Patterson, BSc Auck., MSc Cant., PhD, MNZPI
1989 Michael M. Roche, MA, PhD Cant., DLitt, Assoc. NZZPI
1996 Kathryn Rountree, MA Auck., DPhil Waik.
1995 Regina A. Scheyvens, BA(Hons), PhD
1992 Richard Shaw, MA, PhD

Associate Professors
1990 Christine Cheyne, MA, PhD
1993 L. Grant Duncam, MA, PhD Auck.
2003 Beth Greener, MA Cant., PhD ANU
1994 Juliana R. Mansvelt, BA(Hons), PhD Sheff.
1995 Caroline L. Miller, BA Auck., BRP(Hons), PhD, MNZPI
2007 Imran Muhammad, BSc Lahore, MSc HK, PhD Melb.
2005 Robin Peace, DipTchg CCE, BScocene Waik., BA Cant., PhD Waik.
1986 Jeffrey A. Sluka, BA San Jose, MA Berkeley, PhD Berkeley

Senior Lecturers
2005 Robyn Andrews, MA, PhD
2007 Maria Borovnik, MSc Cologne, PhD Cant.
2015 Trudie Cain, BA(Hons), PhD
2004 Matthew Henry, BRP(Hons), MPhil, PhD Auck.
2016 Helen M. Leslie, MPhil, PhD
2017 John H. Lowry, BA, MSc, PhD Utah
2008 Jeffrey McNeil, MA, MPP, PhD
1998 Graeme MacRae, MPhil, PhD Auck.
2009 Carolyn Morris, MA, PhD Auck.
1991 Mary E. Murray, BA(Hons) Warw., PhD Glas.
2004 Nigel Parsons, BA(Hons) Keele, MA, PhD Runc.
1989 Allanah M. Ryan, MA, PhD
1993 Warwick Tie, MSW, PhD
1997 Sita Venkateswar, MSc Calc., PhD Rutgers

Lecturers
1997 Susan F. Abasa, BA Adel., MPhil, PhD
2015 Barbara Andersen, BA, MA S. Fraser, MA, PhD New York
1994 Huia Jahnke, DipTchg, BEd, MEd, PhD
2017 Alice Beban, BA Well., MPhil
2009 April Bennett, BA, MPhil, PhD
2013 Emily Beausoleil, BHum(Hons), MA Br.Col., PhD Br.Col.
2015 Toby Boraman, PhD Otago
2016 Shine Choi, MInt Seoul, PhD QUB
2010 Trisia Farrelly, BA(Hons), PhD
2014 Stephen Fitzherbert, PhD Auck.
2016 Emma Fergusson, MA, MPlanPract Auck.
2010 Aising Gallagher, BA Eire, MLitt Eire, PhD Brst.
2014 Peter J. Howland, BA(Hons) Well., MCW, PhD Cant.
2015 Gillian James, LLM Well.
2013 Sharon McLennan, MPhil, PhD
2007 Johannes G. Prinsen, MA Groningen, PhD
2010 Joanna Ross, MRP
2008 Rochelle Stewart-Withers, BN, PGDipNurs, PGDipDevStud, PhD
2011 Corrina Tucker, MA, PhD
2014 Vicky Walters, BA, PGDipDevStuds, PhD

Senior Tutor
2001 Rachel Summers, BSc

Honorary Research Associates
1993 Ann Dupuis, MA, PhD Cant.
2017 Catherine H. Knight, PhD Cant.
1976 Paul E. Perry, MA Ariz. State, PhD Hawaii

Research Officers
2006 Derrylea Hardy, BBS(Hons)
2014 Litea Meo-Sewabu, PhD

School of Psychology

Head of School and Professor
2015 James H. Liu, MA, PhD UCLA, AASP (Pres)

Auckland Campus

Kaumātua
2011 Nephie Skipwith, Te Arawa, Tainui, Ngapuhi, Ngāti Whatua, Ngāti Kahungunu, Kaitahu Waitaha

Professor of Psychology
2001 Stuart C. Carr, BSc(Hons), PhD Stir., RegPsych, SIOP Fellow, FRNSZ

Professor of Social and Health Psychology
1973 Kerry Chamberlain, MA Cant., FEHPS, RegPsych

Professor of Societal Psychology
2015 Darrin Hodgetts, PhD

Associate Professor
1998 Paul L. Merrick, DipClinPsych, BA, PGDipArts, PhD Otago, RegClinPsych, FNZCCP

Senior Lecturers
2009 Siautu Alefaio-Tugia, MAuck., PGDipEdPsych, PhD Monash, RegPsych, MNZPsS
2003 Heather Buttle, BSc(Hons), PhD Wales, FRSA
2000 Richard B. Fletcher, BA(Hons) Exe., MSc Alta., PhD N.Carolina
2000 Beverly Haarhoff, MScSce Natal, PhD, RegClinPsych, MNZCCPpsych
1999 Mei Wah Williams, DipTchg, MA, DipClinPsych, PhD, RegClinPsych, MNZPsS, MIPC

Senior Professional Clinicians
2009 Anita Bellamy, MA, PGDipClinPsych Auck., RegClinPsych, MNZCCPpsych
2015 Benita Stiles-Smith, MSN, MS, PhD Cultif. ClinPsych, RegClinPsych, MNZPsS
2008 Robyn C. Vertongen, PGDipCBT, MA, PGDipClinPsych, RegClinPsych, MNZPsS

Lecturers
2011 Peter Cannon, BSc(Hons), PhD Bangor
Centre for Psychology

Centre Director and Senior Lecturer
2011 Clifford van Ommeren, BSc Wits., MA RAU, DLitt et Phil UNSA, RegClinPsych, MNZPsS

Senior Clinical Psychologists
2010 Natasha de Faria, MA, PGDipClinPsych, RegClinPsych, MNZCCP

Clinical Field Supervisors
Kirsty Blackwood, MA, PGDipClin Auck., RegClinPsych
Ailiek Botha, MA Jo burg, PhD, Pret., RegClinPsych
Mike Butcher, DipClinPsych Auck., MA, RegClinPsych
Tina Earl, MA, DipClinPsych Auck., RegClinPsych
Clare-Ann Fortune, MSc, PGDipClinPsych, PhD Auck., RegClinPsych
Kalpana Govind, BA(Hons), MA P. Elizabeth
Cheska Hadleigh, DipMentalHealth, MA Auck., RegClinPsych
Munira Haidermota, MSc KwaZulu Natal, RegClinPsych
Mark Lombard, BA(Hons), MA, PhD P. Elizabeth, RegClinPsych
Kay Mathewson, PGDipCBT, MA, PGDClinPsych, RegClinPsych
Snezana Mitrovic-Tosovic, BPhil(Hein) Belgrade, RegClinPsych
Helen Norman, MSc Soc Natal, RegClinPsych, MNZPsS, MICP
Jon Nuth, BSc(Hons) R'dg, MSc S'lon, ClinPsyD Birm., RegClinPsych
Karin Ruppeldt, MA, DrClinPsych Bratislava, RegClinPsych
Judith Russell, MSc, PGDipClinPsych, RegClinPsych
Henk Smith, BSc(Hons), MSc Stell., RegPsyCh, MNZPsS
Mimosa Soldatovic, RegClinPsych
Malcolm Stewart, DipClinPsych Otago, PhD, RegClinPsych
Dionne Taylor, BA(Hons), DClinPsych Auck., RegClinPsych
Jim van Rensburg, M.A.S.F., RegPsyCh
Marleen Verhoeven, DClinPsych Katholieke, Nijmegen
Sunila Wilson, G Dip Child Mental Health AUT, MA, MPhil Hyderabad, RegPsyCh

I/O Psychology Field Supervisors
Hillary Bennett, MSc Natal, PhD Natal, RegPsyCh
John Eatwell, MA Cant., PGDip/OPsyCh Cant., MNZPsS, COP, MIOD, RegPsyCh
Stewart Forsyth, MA Auck., PGDipClin Auck., MNZPsS, COP, MIAAP, FHHRNZ, RegPsyCh
Dave George, BA(Hons), PhD, MNZPsS, RegPsyCh
Anne Rundle, DipBusStad, MA, PGDip/OPsyCh, RegPsyCh

Manawatu Campus

Professor of Feminist Psychology
1992 Catherine A. Morgan, DipEd Curtin, BA(Hons), PhD Mard.

Professor of Social Science Research
1996 Christine V. Stephens, DipSocSci, DipTchg, MA, PhD

Professor of Psychology
1999 Fiona M. Alpass, MA, PhD

Associate Professor
1990 Ross A. Flett, BSc, PGDipSc, PhD Otago

Senior Lecturers
2003 Leigh M. Coombes, DipTchg, MA, PhD
2003 Dianne H. Gardner, MPsychoL(Appl) JSWP, PhD AGSM/Syd., RegPsyCh
1993 Jocelyn A. Handy, MSc Birm., PhD Lanc.
2002 Stephen R. Hill, DipTchg, MA, PhD Cant.
2008 Kirsty J. Ross, BA(Hons), PhD, PGDipClinPsych, RegClinPsych, MNZPsS

2008 Natasha A. Tassell-Matumua, MA, PhD, Te Atiawa, Ngati Makea kei Rarotonga
2003 Joanne E. Taylor, MA, PhD, DipClinPsych, RegClinPsych, MNZCCP

Senior Professional Clinicians
2009 Barbara Kennedy, BA Qld., DipEd Arm., BPsych(Hons), GCE, PhD JCU, RegPsyCh, MNZPsS

Lecturers
2016 Aaron Drummond, BSc(Hons) Flinders, PhD Flinders
2015 Ute Kreplin, MA St And., PGCert LMU, MSc E.Lond., PhD LMU
2016 Tracy Morison, BA(Hons) Rhodes, MA, PhD, Rhodes
2013 Michael Philip, MA UMCP, MA UNI, PhD Qld.

Senior Tutors
1993 Gustav M. Haberman, MSc, MEd, DrUniv E.L.T.E, CSi Acad.Sci.
2012 Ann Rogerson, MA, PhD

Honorary Research Associates
2005 Kevin R. Ronan, MA, PhD Temple, MNZPsS, MICP
2004 Tom Strong, MEd Ott., PhD Alta., CPsychol
2007 Charles Waldegrave, MA Waik., MA Camb., MNZPsS

Research Officer
2015 Joanne Allen, BPsych, PhD UoN

Psychology Clinic
Clinic Director and Senior Lecturer
2004 Shane T. Harvey, MScSc, PGDipClinPsych, PhD Waik., RegClinPsych, MNZPsS

Senior Clinical Psychologists
2006 Don M. Baken, BSc(Hons), PGDipClinPsych, PhD, RegClinPsych, MNZPsS
2008 Maria Barrett, MA, PGDipClinPsych, RegClinPsych, MNZPsS
2002 Lizzy M. Kent, MA, PGDipClinPsych, RegClinPsych, MNZPsS, MICP
2016 Fiona Kennedy, BA(Hons), MA, DipClinPsych, RegClinPsych, MNZCCP

Clinical Psychologists
2008 Sarah Malthus, MA, PGDipClinPsych, RegClinPsych
2015 Jacinda Shailer, BA, BSc(Hons), PGDipSc, DClinPsych

Haumaru Tautoko Hauora
2012 Hukareere Valentine, BA(Hons), DClinPsych, RegClinPsych, MNZPsS, Ngati Kangahu, Te Ati Awa, Ngati Tuwharetoa, Ngati Awa, Tahoe, Nga Puhu, Ngati Tahu

Health Psychologist
2013 Sara Joice, BSc(Hons), PhD St And., RegPsyCh NZ, HCPC UK, RegHealthPsych

Psychologists
2013 Victoria Marke, PhD, PGDipPsyChPrac, MNZPsS
2016 Joanna M. Taylor, MSc, PGDipPsyChPrac, MNZPsS

Clinical Field Supervisors
Milja D. Albers-Pearce, DipClinPsych Cant., MA, RegClinPsych
Inez Awatere-Walker, MA, DipClinPsych, RegClinPsych
Dirk Badenhorst, MA UNIV, RegClinPsych
Amber Barry, BSc(Hons), DClinPsych, RegClinPsych
Guy Breakwell, MA, DipClinPsych, RegClinPsych
Robyn Boyd, MA, PGDipClinPsych, RegClinPsych
Johannes Carstens, MA, RegClinPsych
Ian Clayton, M ClinPsych Adel., RegClinPsych
Jodi Field, BA(Hons), DClinPsych, RegClinPsych
Ann Flintoft, MA Cant., PGDipClinPsych, RegClinPsych
Robyn Girling-Butcher, MA, PGDipClinPsych, RegClinPsych
Melanie Holdaway, BA(Hons), DClinPsych, RegClinPsych
Fiona Kennedy, BA(Hons), MA, DipClinPsych, RegClinPsych
Ron Kinsey, MSc, DipClinPsych Auck., RegClinPsych
Joseph Melsor, MSc Well., RegClinPsych
Diana Paki, MA, PGDipClinPsych, RegClinPsych
Kelly Richardson, MA, PGDipClinPsych, RegClinPsych
Elizabeth Ross, DipClinPsych, PhD, RegClinPsych
Melanie Simons, BA(Hons), DClinPsych, RegClinPsych
Bruce Skinner, DipClinPsych Waik., RegClinPsych
Julie Williams, MA, PGDipClinPsych, RegClinPsych
Rody Withers, MA, PhD, PGDipClinPsych, RegClinPsych
Tomoko Yarnaguchi, MA, PhD, PGDipClinPsych, RegClinPsych

**Professional Practice Field Supervisors**

Lesley Aylard, BSc(Hons), PGDipClinPsych, MSc Well., RegClinPsych
Jennifer Beckett, BA(Hons), MA, PGDipPsychPrac, RegPsych
Virginia Farnsworth-Grodd, BA, BMus, BSc(Hons) Auck., PGDipSc, DClinPsych, RegClinPsych
Stewart Forsyth, MA, PGDipClinPsych Auck., RegPsych
Sandra Fowler, BA, MA, DipClinPsych Cant., RegClinPsych
Kevin Garmer, MA, Well., RegClinPsych
Mark Lombard, BA(Hons) R&U, MA, PhD P.Elizabeth, RegClinPsych
Francois Meyer, BA(Hons), MA Pre., RegPsych
Mark Rainier, BA(Hons) P. Elizabeth, HDE, MA, Med Rhodes, RegPsych
Chris Ratcliffe, MedPsych, PGDipEdPsych, RegEdPsych
Sean Sullivan, DipSocSci, MA, PhD Auck., RegPsych
Elizabeth Waddington, BA Griffith, PGDipProfPsych Bond, BBehSci, PGDipCrim, RegPsych
John Watson, MA, DipClinPsych, RegClinPsych
Julie Williams, BA, MA, PGDipClinPsych, RegClinPsych
Kirsty Williams, MSocSc, PGDipPsych Waik., RegClinPsych

**Head of School Office Manager**

2008 Hope E. Hyslop, BA

**Business Services Manager**

2013 Cara L. Thompson, BSc

**Programmer/Analysts**

1992 Malcolm R. Loudon, BSc, GradDipArts, NZCE

**Technician**

1984 Hung T. Ton, BSc, NZCE

**Wellington Campus**

**Professor Emeritus**

2002 Ian M. Evans, BA(Hons) Witw., PhD Lond., FRSNZ, FAPA, FAPS, FNZPsS

**Professor of Neuropsychology**

1987 Janet M. Leathem, MA, PhD Well., RegClinPsych, MNZPsS, MICP, MNZCCPsych

**Professor of Psychology**

2002 Antonia C. Lyons, BA(Hons), PhD

**Associate Professor**

1983 Keith F. Tuffin, DipSocSci, DipTchg, MA, PhD

**Senior Lecturers**

2015 John Fitzgerald, BA(Hons), MA Keele, MSc B’ham, PhD Waik., RegClinPsych, FNZPsS, MICP, MNZCCPsych
1994 Linda M. Jones, DipTchg, MA Well., PhD, MNZPsS, MRSNZ
1999 Ruth A. Tarrant, DipTchg, MA Well., PhD, ATCL, MNZPsS
2009 Ian de Terte, CertCPC Cant., BBS, BA, MSc Cant., PhD, PGDipClinPsych Cant., RegClinPsych, MNZPsS, MICP

---

**Kaimatai Hinengaro Matua: Māori Clinical Psychologist, Senior Lecturer**

2012 Simon T. Bennett, BSc, MSc, PhD, Ngāti Whakaue, Ngāti Wai, Ngāi Tahu

**Lecturers**

2007 Ella Kahu, PGDipEd Well., MA, PhD
2012 Tatiana Tairi, BSc AUTh, PGCertPsychCouns, MSc, DPsyCh City (UK), CPsychol, AFBPsS, MNZPsS

**Joint Centre for Disaster Research**

**Director and Professor of Disaster Management**

2006 David Johnston, MSc Cant., PhD, MInstD

**Associate Professor**

2011 Sarbjit Johal, BSc Hull, PhD Cardiff, DClinPsych UCL, CPsychol, MRSNZ, AFBPsS

**Senior Lecturer in Indigenous Disaster Management**

2013 Christine Kenney, DipOccT CIT, BM, BA(Hons), PGDip Auck., PhD, Ngāi Tahu, Te Atiawa, Ngāti Toarangatira

**Senior Lecturers**

2012 Raj Prasanna, BScEng(Hons) Moratuwa, MBA Sri Jay, MSc Colombo, PhD Lough., CEng (S.Lanka)
2015 Jane E. Rovins, BS MiamiU, MPH Tulane, PhD Tulane, CEM

**Postdoctoral Fellow**

2016 Ali Beattson, BA(Hons) Well., PhD Well.

**Research Officer**

2017 Lucy Carter, BA(Hons) Otago, MA CSU, Ngāi Tahu

**Capability Development Advisor, Disaster Risk and Emergency Management**

2013 Jon Mitchell, BA Otago, PGDipEM, PGDipHumPolGeo

**Communications Coordinator**

2016 Emma Bartlett

**Honorary Research Associates**

2016 Edith MacDonald, BA Calif., MA San Diego, PhD Well.
2007 Douglas Paton, BSc(Hons) St And., PhD Edin., CPsychol, AFBPsS

**Research Associate**

1999 Ruth A. Tarrant, DipTchg, MA Well., PhD, ATCL, MNZPsS

**Psychology Clinic**

**Clinic Director and Senior Lecturer**

2010 Ruth A. Gammon, BA, MSW Calif., RegClinPsych, MNZPsS

**Clinical Field Supervisors**

Aleisha Atkin, BPsychSc, DPsych (Clinical) UoQ, RegClinPsych
Robyn Alexander, MA Well., RegClinPsych
Giselle Bahr, DipClinPsych Well., RegClinPsych, MNZCCPsych
Clive Banks, MA, PGDipClinPsych, RegClinPsych, MNZCCPsych
Ron Kinsey, MSc, DipClinPsych Auck., RegClinPsych, MNZPsS
Kirstin Kramar, BSc(Hons) Well., RegClinPsych, MNZCCPsych
Jenny Maley, PGDipClinPsych Well., RegClinPsych, MNZCCPsych
Matthew Manderson, BA, MA, PGDipClinPsych, RegClinPsych
Institute of Agriculture and Environment

Head of Institute and Professor of Pasture Science
1985  Peter D. Kemp, MSc Syd., PhD NE

Manawatū Campus

Professor in Agronomy
1984  Cory Matthew, BAgSci(Hons), PhD
Professor in Conservation Biology
1993  Doug P. Armstrong, MSc UBC, PhD Syd.
Professor in Entomology
1995  Qiao Wang, MSc Southwest, PhD La Trobe
Professor in Environment Management
1994  John D. Holland, DipTh, BA Cape Town, BA(Hons) Cape Town, MA UNISA, MTh SATS, PhD Natal.
Professor of Environment Management
2017  Diane Pearson, BSc(Hons) Hudd., MSc Edin., PhD ANU
Professor in Evolutionary Ecology
2003  Steven Trewick, BSc(Hons) Lough., PhD Well.
Professor of Farm Business Management
1996  Nicola M. Shadbolt, BSc Nott., MAgSc Linc., FNZIPIM (Reg)
Professor of Fluvial Geomorphology
2013  Mark Macklin, BSc(Hons), PhD Wales
Professor in Freshwater Ecology
1993  Russell G. Death, BSc(Hons), PhD Cant.
Professor in Geostatistics
1994  Mark Bebbington, BSc(Hons), MSc Well., PhD Camb.
Professor of Grassland Science
2009  Anthony J. Parsons, BSc(Hons) Lond., PhD Reading
Professor of Grassland Technology
2013  Susanne Rasmussen, BSc Kiel, PhD Kiel
Professor of Life Cycle Management
2010  Sarah McLaren, MSc, PhD Surrey
Professor in Precision Agriculture
1997  Ian J. Yule, MSc, PhD N’cle (UK), CEng(UK)
Professor in Soil Science
1983  Mike J. Hedley, BSc(Hons) Leeds, PhD
Professor in Zoology
1991  Murray A. Potter, MSc Auck., PhD
Professorial Research Fellow in Environmental Sciences
2007  Surinder K. Saggar, JP, MSc India, PhD Canada, CPAG, FNZSSS, FNZIAHS
Associate Professors
2009  Chris W. N. Anderson, BSc(Hons), PhD
2007  Phil F. Battley, MSc, PhD Griff.
2009  Marta Camps, BAgEng(Hons) PolitdeCatal., MSc, PhD UC Davis
2003  Isabel Castro, BSc Andes, MSc Eastern Illinois, PhD
2003  Ian C. Fuller, BSc(Hons), PGCUTL Northumbria, PhD Wales
1985  David J. Horne, BSc(Hons) Cant., PhD
2015  Ignacio Lopez, BAgEng PUCV, PhD

2003  Mary Morgan-Richards, BSc(Hons), PhD Well.
2005  Karoly Nemeth, MSc Eotvos, PhD Otago
2006  Jonathan N. Procter, DipTechg, BEd, BSc, PhD
1992  Alastair W. Robertson, BSc(Hons) Otago, PhD Cant.
1978  Robert B. Stewart, MSc Cant., PhD
2015  Peter R. Tozer, PhD WashSt.
2010  Jason J. Wargent, BSc(Hons) Northampton, PGCert Lanc., MSc Plym., PhD Lanc.
1991  Brennon Wood, PhD Harvard
2013  Georg Zellmer, MA Camb., PhD Open (UK).

Senior Lecturers
2004  Elena Garnevska, MSc Sofia, PhD Bourne.
2013  Miles Grafton, BHort(Hons), PhD
1982  David I. Gray, MAgSc, PhD
1996  James A. Hanly, MAppISe, PhD
1983  Kerry C. Harrington, MAgrSc, PhD
1986  Ian M. Henderson, BSc(Hons), PhD Well.
2008  Katherine A. Holt, BSc(Hons), PhD
2003  Mike K. Joy, MSc, PhD
2013  Huub Kerekhoff's, MSc, PhD Wagen.
2007  Gert Lube, DipGeol U Greiffswald, PhD CAU Keil
2012  Sam McColl, BSc(Hons) Well., PhD Cant.
1981  Marion B. Mackay, BHortSc(Hons), PhD
1988  James P. Millner, MAgrSc, PhD
2003  Maria A. Minor, MSc MU, PhD SUNY-ESF
1984  Alan S. Palmer, BSc(Hons), PhD Well.
1985  Gillian L. Rapson, BSc(Hons), PhD Otago
1992  Janet I. Reid, MAgrSc, PhD
2000  Nick Roskuge, JP, BHort(Hons), PhD
2009  Ranvir Singh, MTeach CCSH Ag, PhD Wagen.
1982  Terry M. Stewart, GradDiplNfsSc, PhD
2016  Thiagarajah Ramilan, PhD Waik.
1981  Mike P. Tuohy, DipAgSc, BSc, MPhil

Lecturers
2013  Mike R. Bretherton, BSc(Hons), PhD
2015  Andrea Clavijo-McCormick, PhD, Jena
2012  Alastair Clement, BBS, BSc(Hons), PhD
2015  Ina Draganova, BSc(Hons), PhD
2014  Karen Hytten, PhD Griff.
2015  Gabor Kereszturi, PhD
2016  Carl Mesarich, MSc, PhD, Auck.
1993  Julie A. Palmer, BSc(Hons), MSc Well.
2016  Svetla Sofkova-Bobcheva, PhD, Plovdiv

Postdoctoral Fellows
2013  Stuart Mead, PhD
2015  Hossein G. Zadeh, PhD

Senior Tutors
2015  Eva Schroer-Merker, MSc Georg-August
1990  Robert C. Southward, MHortSc
OFFICERS AND STAFF OF THE UNIVERSITY

Research Fellow

2017 Hannah Wells, BE(Hons), PhD

Manawatū Campus

Professors

1993 Andrew N. Shilton, MTech, PhD, FIPENZ
1996 Karen E. Bronlund, BTech(Hons), PhD, FNZIFST, FASHRAE, Hon.
1997 Richard H. Kemp, BSc(Hons), MSc
1999 E. A. Kemp, Dipl.BDP, BA(Hons), MBS, PhD, MNZCS
2000 J. M. Turrull-Torres, BIS CAECE, PhD, MEE, SMIEEE, MIET
2001 N. Peckitt, FRCS, FFD, RCS, FDS, RCS, FACC
Adjunct Professor

2013 Olaf Diegel, MPM

Adjunct Associate Professor

2013 James Douglas, BSc(Hons) KUTU, MRICS
2017 Lara Tookey, BSc(Hons) UCT, MCM AUT
2013 Bill Wang, MSc

Research Fellow

2017 Hannah Wells, BE(Hons), PhD

Manawatū Campus

Professors

1982 A. (Tony) H. J. Paterson, BE(Hons), PhD
1985 Don J. Cleland, BTech(Hons), PhD, FIPENZ, FIRHACE, Hon.
1986 R. H. Kemp, BSc(Hons), MSc
1987 E. A. Kemp, Dipl.BDP, BA(Hons), MBS, PhD, MNZCS
1988 B. Wakelin, BE, MNZM, Dist FIPENZ, IntPE, CPEng
1989 Peter F. Driessen, BSc(Hons)
2009 N. Peckitt, FRCS, FFD, RCS, FDS, RCS, FACC
Honorary Research Professor

2010 Peter F. Driessen, BSc(Hons) Br.Col., PhD Br.Col.

Honorary Research Fellows

1970 R. Chong, BSc(Hons), PhD NSW
2012 C. Gilchrist
1984 E. A. Kemp, Dipl.Ed N’cle (UK), DiplBSc, BA(Hons), MBS, PhD, MNZCS
1987 R. H. Kemp, BSc(Hons), MSc N’cle (UK), PhD, MBCS, CEng (UK)
2014 S. J. McCombie, PhD, CISSP-ISSMP, CFIE
2011 J. M. Turrull-Torres, BSc CAAECE, PhD Nacional de San Luis
Honorary Teaching and Research Associates

2014 J. Gawith, DipTeach, DipTeachEd, BScEng, MPhil
2013 A. Punchihews, BScEng(Hons) Moratuwa, MEng Eind., PhD, MIPENZ, FIET
2014 R.A.S. Speed, Mphil Syd., NZCE

Honorary Teaching Fellows

B. Wakelin, BE, MNZM, Dist FIPENZ, IntPE, CPEng
N. S. Walmsley, BSc, CEng (UK), MICheM
Honorary Research Associate

S. Tallon, PhD (Callahan Innovation)

Centre for Additive Manufacturing

Director

2002 Johan Potgieter, MSc, PhD UND

Centre for Energy Research

Director

2000 Phil Murray, BAppSci, PhD
2016 Miao Qiao, PhD
2016 Amnied Tahir, BSc, MSc Staffs., PhD Otago

Senior Tutor

1993 Ken A. Mercer, BSc, NZC

Research Officers

2015 Gonzalo Martinez, PhD
2015 Georg Ripberger, PhD
2017 Ishani Soysa, PhD
Postdoctoral Research Fellows

2014 Celia S.L. Kueh, BSc(Hons) Waik., PhD Waik.
2017 Nirosha Priyadarshani, BSc, MPhil S.Lanka, PhD

Director of Logistics and Supply Chain Management

2012 Paul Childerhouse, BSc (Hons) Lanc., PGCertTT, PhD Cardiff, CMILT

Director of Diploma of Metal Technology

2016 Richard Forgje, BTech, DipEcoDev

School Business Manager

2016 Brian Hewson, MPhil

Adjunct Professor

2014 Olaf Diegel, MPM Syd., PhD, MIPENZ

Adjunct Associate Professor

2013 N. Peckitt, FRCS, FFD, RCS, FDS, RCS, FACC

Honorary Research Professor

2011 Peter F. Driessen, BSc(Hons) Br.Col., PhD Br.Col.

Honorary Research Fellows

1970 R. Chong, BSc(Hons), PhD NSW
2012 C. Gilchrist
1984 E. A. Kemp, Dipl.Ed N’cle (UK), DiplBSc, BA(Hons), MBS, PhD, MNZCS
1987 R. H. Kemp, BSc(Hons), MSc N’cle (UK), PhD, MBCS, CEng (UK)
2014 S. J. McCombie, PhD, CISSP-ISSMP, CFIE
2011 J. M. Turrull-Torres, BSc CAAECE, PhD Nacional de San Luis

Honorary Teaching and Research Associates

2014 J. Gawith, DipTeach, DipTeachEd, BScEng, MPhil
2013 A. Punchihews, BScEng(Hons) Moratuwa, MEng Eind., PhD, MIPENZ, FIET
2014 R.A.S. Speed, MPhil Syd., NZCE

Honorary Teaching Fellows

B. Wakelin, BE, MNZM, Dist FIPENZ, IntPE, CPEng
N. S. Walmsley, BSc, CEng (UK), MICheM

Honorary Research Associate

S. Tallon, PhD (Callahan Innovation)

Centre for Additive Manufacturing

Director

2002 Johan Potgieter, MSc, PhD UND

Centre for Energy Research

Director

1971 Ralph E.H. Sims, MSc N’cle (UK), CRSNZ, CEng, FI AgrE, FIPENZ
2000 Phil Murray, BAppSci, PhD
2016 Miao Qiao, PhD
2016 Amnied Tahir, BSc, MSc Staffs., PhD Otago

Senior Tutor

1993 Ken A. Mercer, BSc, NZC

Research Officers

2015 Gonzalo Martinez, PhD
2015 Georg Ripberger, PhD
2017 Ishani Soysa, PhD

Postdoctoral Research Fellows

2014 Celia S.L. Kueh, BSc(Hons) Waik., PhD Waik.
2017 Nirosha Priyadarshani, BSc, MPhil S.Lanka, PhD

Director of Logistics and Supply Chain Management

2012 Paul Childerhouse, BSc (Hons) Lanc., PGCertTT, PhD Cardiff, CMILT

Director of Diploma of Metal Technology

2016 Richard Forgje, BTech, DipEcoDev

School Business Manager

2016 Brian Hewson, MPhil

Adjunct Professor

2014 Olaf Diegel, MPM Syd., PhD, MIPENZ

Adjunct Associate Professor

2013 N. Peckitt, FRCS, FFD, RCS, FDS, RCS, FACCS

Honorary Research Professor

2011 Peter F. Driessen, BSc(Hons) Br.Col., PhD Br.Col.

Honorary Research Fellows

1970 R. Chong, BSc(Hons), PhD NSW
2012 C. Gilchrist
1984 E. A. Kemp, Dipl.Ed N’cle (UK), DiplBSc, BA(Hons), MBS, PhD, MNZCS
1987 R. H. Kemp, BSc(Hons), MSc N’cle (UK), PhD, MBCS, CEng (UK)
2014 S. J. McCombie, PhD, CISSP-ISSMP, CFIE
2011 J. M. Turrull-Torres, BSc CAAECE, PhD Nacional de San Luis

Honorary Teaching and Research Associates

2014 J. Gawith, DipTeach, DipTeachEd, BScEng, MPhil
2013 A. Punchihews, BScEng(Hons) Moratuwa, MEE Eind., PhD, MIPENZ, FIET
2014 R.A.S. Speed, MPhil Syd., NZCE

Honorary Teaching Fellows

B. Wakelin, BE, MNZM, Dist FIPENZ, IntPE, CPEng
N. S. Walmsley, BSc, CEng (UK), MICheM

Honorary Research Associate

S. Tallon, PhD (Callahan Innovation)
Research Staff
2007 Nicola Brown, BTech(Hons), PhD
2008 Benoit Guieysse, ME ENSIACET France, PhD Lund, Sweden

Centre for Organisational Excellence Research
Director
1998 Robin S. Mann, MSc Warw., PhD Liv.
Research Leader
2003 Nigel Grigg, MSc, PhD Strath., C.Math, MIMA, MIQA, MILT

Massey Institute of Food Science and Technology
Head of Institute and Distinguished Professor
1989 Harjinder Singh, MSc Ludhiana, PhD Cork, FRSNZ, FIAFoST, FIFT, FNZIFST
Deputy Head of Institute and Professor of Postharvest Technology
2009 Julian Heyes, BSc(Hons) Well., DPhil Oxf.
Director Riddet Innovation
2013 Abby Thompson, B Tech(Hons), PhD
Director Postgraduate Studies, Team Leader Food Bioscience and Professor of Food Safety and Microbiology
2008 Steve H. Flint, DipNZIM, BSc, MSc, PhD
Team Leader Food Materials Science and Fonterra PGP Chair in Food Materials Science
2009 Matt Golding, BSc Sus., MSc E Anglia, PhD Leeds
Team Leader Food Process and Engineering
2002 Richard Love, B Tech(Hons), PhD
Team Leader Human Nutrition and Professor in Nutrition
2001 Jane Coad, BSc(Hons), PGCEA, PhD Lond., R. Nutr.

Auckland Campus
Director Auckland Campus, Programme Director Food Technology and Associate Professor
1998 Marie Wong, B Tech(Hons), PhD, FNZIFST
Senior Lecturers
2003 Sung Je Lee, MSc
2008 Anthony N. Mutukumira, MSc, PhD AgUniNorway
Lecturers
2003 Leiza Turnbull, NDipSc
2017 Joanne Kerslake, PhD
Technical Staff
2003 Maggie Zou, BSc
2017 Nikki Middleditch, BSc(Hons)

Manawatu Campus
Logan Campbell Chair of Food Technology
2004 Richard H. Archer, B Tech(Hons), PhD, FIPENZ, FNZIFST
Fonterra-Riddet Chair in Consumer and Sensory Science
2017 Joanne Hert, PhD Sheff., BEd(Hons) FIFT, RSensSci, CSci
Associate Professors
2007 Andrew R. East, BEd(Hons), PhD
2008 Aiqian Ye, DipTech, M Tech, PhD
Executive Officer and Principal Scientist
2006 Mike Boland, Dip Mgt, BSc(Hons), PhD, FNZIC, FNZIFST
Senior Lecturers
2007 Louise Brough, MSc, PhD Lond.
2008 Alistair J. Carr, M Tech, PhD
2008 Jason Hindmarsh, BChemMatEng(Hons), PhD Auck.
2005 Patrick W. M. Janssens, BE(Hons), PhD C ant.
2005 Lara Matia-Merino, BSc Valladolid, MSc Burgos, PhD Leeds
1995 Jon S. Palmer, MSc, PhD

Research Scientists
2013 David Popovich, BSc, MSc Tor., PhD Br Col.
2001 G. (Rana) Ravindran, MSc Reading, PhD Virginia Tech.
1998 Janet L. Weber, MSc Cornell, PhD

Senior Research Scientists
2016 Suzanne Hodgkinson, MSc, PhD
2006 Simon Loveday, B Tech(Hons), PhD
2003 Jaspreet Singh, BSc, MSc, PhD Amritsar
2002 Fran M. Wolber, BS, PhD Mich.

Lecturers
2000 Michael E. Parker, B Tech(Hons), PhD
2010 Jasmine Thomson, BSc Waik., MSc, PhD

Research Officers/Postdoctoral Fellows
2016 Balan Prabhu, M Pharm, MSc Strath., PhD
2016 Cintia Botelho Dias, BFoodSc, MSc, PhD Newcastle (NSW)
2016 Qun Chen, BEng, PhD Tsinghua
2017 Anant Dave, PhD
2011 Ashling Ellis, BSc Dublin, PhD Dublin
2017 Alejandra Fani, PhD
2016 Sunny George Gwanpua, BSc Buea, MSc, PhD Leuven
2006 Lovedeep Kaur, BSc Punjab, MSc P unjab, PhD GNDU
2009 Carlos Montoya, BSc, MSc Columbia, PhD ENSAR/RENNES, France
2016 Noha Ahmed Nasef, BSc(Hons) Melb., PhD Auck.
2017 Zhigao Niu, PhD
2017 Zane Norvill, PhD
2016 John Ramsay, MEng, PhD Birm.
2016 Ali Rashidinejad, PhD
2014 Young-Min Shim, BSc, MSc KAIST, PhD Auck.
2016 Carlene Starck, PhD
2016 Teresa Wegryn, PhD

Research Technologists/Engineers
2014 Georgie Hamilton, BSc, PG DipSci
1988 Derek Haisman, PhD Lond.
1998 Peter B. Jeffery, B HortSc(Hons)
2009 Arup Nag, BSc WB State Ag., M Tech
1993 Sue E. Nicholson, M HortSc
1993 Maggie Zou, BSc Zhejiang, MSc

Technical Managers
2016 Kirsty Blair, B Tech, MDairySciTech
1993 Felicity S. Jackson, NZDipSc, NZCS
2017 Joanne Kerslake, PhD
2017 Nikki Middleditch, BSc(Hons) Plym.

Technical Officers
1996 Anne M. Broomfield, NZCS, NZ VACLAT
2003 Jian (Jack) Cui, MTech
2000 Janiene Gilliland, BSc
1987 Byron D. McKillop, TradeCert
2016 Margaret Olsen, MSc Cant., BS UCLA
1987 John C. Pedley, NZCE
1987 Garry C. Radford, Dip Sc, BSc, MP hil
1998 Xiangqian (Peter) Zhu, PhD Tianjin

Technical Staff
2002 Derek J. Body, BSc(Hons)
1993 Steve Glasgow, BSc(Hons)
2016 Haoran Wang, PhD
1994 Chris Hall, BSc
1981 Warwick R. Johnson, NZCS
2007 Chanapha Sawatdeenaruen, BSc Chalal., PG DipFoodTech, M Tech
1992 Michelle R. Tamehuna, MSc
2003 Leiza Turnbull, NDipSc
2000  Gabriele Schmidt-Adam, DipBiol, MSc (equiv.), Berlin, PhD Auck.
2000  Ursula Scoogins, BSc(Hons), MSc, HDE Natal
2000  Indu Sofat, DipInfSc, BA(Hons), MA Delhi
2000  Marie-Anne Thelen, DipChem, PhD Zurich
2016  André van Tonder, MSc S.Af, MSc, PhD P. Elizabeth, PGCE

Tutors
2014  Deborah Jordan, BSc(Hons), PhD Orago
2015  Sam Tuttle, MSc
2004  Heung Yeung (Frederick) Lam, MInfSc, PhD

Honorary Research Fellow
1998  Sir Neil Waters, MSc, PhD
1999  Paul R. Kenyon, BAgrSc, MApplSc, PhD

Institute of Veterinary, Animal and Biomedical Sciences

2015  Ruili Wang, BE
2002  Winston Sweatman, BA(Hons)
2001  Alex Grinberg, DVM
2015  Erin Moffet
2015  Aaron Harmer, PhD
2013  Natasha Comer, BSc(Hons)
2015  Emma Betty, BAppSc(Hons)
2015  Sarah Wells, PhD
2011  Kevin Parker, BPRTM
2000  Marie-Anne Thelen, DiplChem, PhD
2000  Indu Sofat, DipInfSc, BA(Hons), MA
2000  Gabriele Schmidt-Adam, DipBiol, MSc (equiv.), HonAssocRCVS Lond.

Director
2016  Daying Wen, MBBS
2010  Margaret Peace, MSc Auck.
2015  Jarod Young, BSc Auck.
2010  Manuela Barry, DipBiol, MSc (equiv) Mainz, PhD Auck.
2015  Emma Betty, BAppSc(Hons) AUT
2013  Natasha Corner, BSc(Hons)
2015  Kevin Parker, BPRTM Lincoln, MSc Auck., PhD
2015  Sarah Wells, PhD
2011  Kevin Parker, BSc(Hons)
2016  Andre van Tonder, MSc

Centre for Data Mining
Director
1994  Barry McDonald, MSc Auck., PhD La Trobe
2011  Daniel Playne, BSc(Hons), PhD
2003  Ruili Wang, BE HUST, ME Northeastern, PhD Dublin

Centre for Mathematics in Industry
Director
2000  Andrew J. Worth, BVSc, PhD, MACVS
2001  Jennifer F. Weston, BVSc, BPhil, PhD, PGDipEdAdminLead
2015  Rebecca Hickson, BBS, BSc(Hons), PhD
2005  RICHARD LAVEN, BvetMed, PhD Lond., MRCSV
2010  Paul Chambers, BVSc., MVSc, PhD UC Davis, DipACVIM
2014  Louise Chilvers, B AgrSc(Hons), PhD Townsville
2004  Nick Cave, BVSc, MVSc, PhD UC Davis, DipACVIM
2013  Magda Dunowska, BVSc Warsaw, PhD
2008  Barry McDonald, MSc, PhD
2013  M. Carolyn Gates, BSc, VMD, PhD
2017  Joana B. Chagas, DVM
2015  Fernanda Castillo Alcala, DVM, PhD
2001  Erica Gee, BVSc, PhD
2012  M. Carolyn Gates, BSc, VMD, PhD

Centre for Parallel Computing
Director
2011  Patrick J. Biggs, BSc(Hons), PhD
2004  Nick Cave, BVSc, MVSc, PhD UC Davis, DipACVIM
2005  Chris W. Rogers, BSc, MAgriSc, PhD
2017  Craig G. Ruaux, BVSc, PhD (old), DipACVIM
2008  Penny J. Back, BAgriSc, MAgriSc, PhD
2007  Rebecca Hickson, BBS, BSc(Hons), PhD
2015  David G. Thomas, BSc(Hons), PhD Lond.
2011  Jennifer F. Weston, BVSc, BPhil, PhD, PGDipEdAdminLead
2000  Andrew J. Worth, BVSc, PhD, MACVS

Senior Lecturers
2012  G. Robert (Bob) Colborne, BSc(Hons), PhD
2011  Dani Aberdein, LLB(Hons), BVSc, MVSc, PhD
2016  Allison Aldrich, VDM, MVSc, DipACVS
2011  Penny J. Back, BAgriSc, MAgriSc, PhD
2007  Joanna Benschop, BVSc, PhD
2017  Jack Benschop, BVSc, PhD
2012  Charlotte F. Bolwell, MSc, PhD
2000  Nick Cave, BVSc, MVSc, PhD UC Davis, DipACVIM
2001  Jennifer L. Burke, BVSc, MACVSc, DipACVS
2007  Naomi Cogger, BSc(Hons), PhD Syd.
2015  Chris B. Riley, DipACVS, BSc, BVSc(Hons), MSc, PhD
2007  Laura J. Howe, BSc, PhD
2017  Emma Gordon, BSc, MSc
2015  Arnon Gal, BSc, DVM, MSc, PhD

Head of Institute
1999  Paul R. Kenyon, BSc(Hons), MAppSc, PhD
2000  Hugh T. Blair, BAgriSc(Hons), PhD
1998  John F. Cockrem, BSc(Hons), PhD
2009  Peter S. Davie, BSc(Hons), PhD Cont.
2012  Danny J. Donaghy, BAgriSc(Hons), PhD NE
2004  Nigel P. French, BVSc, MSc, PhD Brist., DiplECVPH, DLSHTM, MRCSV, NZFIST, FRNSZ
2002  Brett Gattrell, BVSc(Hons) Syd., PhD Tax., MACVSc
2001  Cord Heuer, MSc Guelph, PhD Utrecht, DVM Hanover
2001  Craig B. Johnson, DipECVA, BVSc Liv., PhD Cant., DVA, MRCA, MRCSV
1999  Nicolas Lopez-Villalobos, BAgriSc, MAgriSc, PhD
1988  David J. Mellor, ONZM, BSc(Hons) NE, PhD Edin., HonAssocRCVS Lond.

2012  Katherine Crosse, BVSc, MANZCVS, DipECVS
2009  Kerren E. Dittmer, BVSc, PhD
2007  Rao Dukkipati, BVSc, MVSc, PhD
2015  M. Carolyn Gates, BSc, VMD, PhD Edin.
2001  Erica Gee, BVSc, PhD
2017  Emma Gordon, BVSc, MSc
2008  Stuart J.G. Gordon, BSc Natal, BVSc Zimb.
2006  Laryssa J. Howe, BSc, PhD Pittsburgh
2009  Stuart Hunter, BVSc, DipACVP
2000  Eloise K. P. Jillings, BVSc
2009  Kavitha Kongara, BVSc, MVSc India, PhD

2011  Patrick C. H. Morel, IngAgrDipl, DrScTech Zur.
1980  Stephen T. Morris, BAgriSc, MAgriSc, PhD
1997  Tim J. Parkinson, BVSc Brist., DBR Liv., PhD Nott., DipECAR, FRVS
1982  William E. Pomroy, BVSc(Hons), DipVetClinStud Syd., PhD
1998  Velmurugu Ravindran, BAgriSc(Hons), MSc, PhD Virginia Tech.
2013  Chris B. Riley, DipACVS, BSc, BVSc(Hons), MSc, PhD Sask., DipACVS
1990  Kevin J. Stafford, MVB Dub., MSc Edin., PhD NUI, MRCSV, MACVS

A. L. Rae Chair in Animal Breeding and Genetics
1988  Dorian J. Garrick, BAgriSc(Hons), PhD C’nell

Associate Professors
2016  Wendy I. Balitzer, BSc, DVM, PhD Texas, DipACVS, DipACVSMR
2011  Patricia J. Biggs, BSc(Hons), PhD
2004  Nick Cave, BVSc, MVSc, PhD UC Davis, DipACVIM
1996  Paul Chambers, BVSc, PhD Brist., DVA, MRCSV, MRCA
2014  Louise Chilvers, BAgriSc(Hons), PhD Townsville
1998  Paul Chambers, BVSc, MVSc, PhD UC Davis, DipACVIM
2014  David T.S. Hayman, BVSc, MSc, PhD Camb., DipECZM
2007  Rebecca Hickson, BBS, BSc(Hons), PhD
2005  Richard Laven, BvetMed, PhD Lond., MRCSV
2004  John S. Munday, BVSc, PhD, DipACVP
1987  Alan Murray, BSc(Hons), PhD Sl’n., MRNSZ
2011  Anne L. Ridler, BVSc, PhD, DipACVS, MACVS, DipECRSRM
1999  Wendi D. Roe, BSc Waiik., BVSc, MACVSc, DipACVP, PhD
2000  Chris W. Rogers, BSc, MAgrSc, PhD
2017  Craig G. Ruaux, BVSc, PhD (old), DipACVIM
2002  David G. Thomas, BSc(Hons), PhD Lond.
2001  Jennifer F. Weston, BVSc, BPhil, PhD, PGDipEdAdminLead
2000  Andrew J. Worth, BVSc, PhD, MACVS

Senior Lecturers
2012  Reza Abdollahi, BSc, MSc, PhD
2011  Dani Aberdein, LLB(Hons), BVSc, MVSc, PhD
2016  Ellision Aldrich, VDM, MVSc, DipACVS
2011  Penny J. Back, BAgriSc, MAgriSc, PhD
2007  Ngaio J. Beausoliel, BSc, DipACVS, BSc, MACVSc, DipACVP
2015  Fernanda Castillo Alcala, DVM, PhD Guelph, DipACVP
2016  Joana B. Chagas, DVM
2007  Naomi Cogger, BSc(Hons), PhD Syd.
2017  Chris W.R. Compton, BVSc, MVSc
2013  G. Robert (Bob) Colborne, BSc(Hons), PhD

Head of Institute
1999  Paul R. Kenyon, BSc(Hons), BPhil, PhD
2000  Hugh T. Blair, BAgriSc(Hons), PhD
1988  Dorian J. Garrick, BAgriSc(Hons), PhD
1982  William E. Pomroy, BVSc(Hons), DipVetClinStud
1997  Tim J. Parkinson, BVSc Brist., DBR Liv., PhD Nott., DipECAR, FRVS
1980  Stephen T. Morris, BAgriSc, MAgriSc, PhD

2005 Kevin Lawrence, DipBovineRepro Liv., BVetMed Lond., MRCVS
2016 Sarah Mack, BSc(Hons), BV(MHons), DipEIM, DipRCVS
2014 Joanna McKenzie, BVSc, PhD
2007 Kerri J. Morgan, BVSc, PhD
2001 Elizabeth J. Norman, BVSc, PhD
2016 Supastak (Art) Subharat, DVM, MSc, PhD
2017 Aly Mirza, BVSc
2017 Harvey Saunders, BVSc
2017 Soscha Ten Cate, BSc, DVM
2017 Zoe Winner, BVSc

Residents
2016 Henrik Heinemann, BVSc
2016 Malcolm Jack, BVSc
2017 Matthew A. Kopke, BSc, BVSc
2016 Laura Thornton, BVM

Adjunct Professors
Bryce M. Buddle (Infectious Diseases)
Steve C. Fox (Companion Animal Studies)
Steve C. Hathaway (Food Safety)
Eric Hillerton (Dairy Production)
Stuart C. MacDiarmid (Veterinary Biosecurity)
Scott McDougall (Dairy Cattle Theriogenology)
C. Wayne McIlwraith (Veterinary Surgery)
Ana Meikle (Reproduction)
David Murdoch (One Health)
Garry C. Waghorn (Dairy Production)
P. Eckhard Witten (Aquaculture)

Adjunct Associate Professors
Adrian Cookson (Rumen Microbiology)
Kent Hecker (Veterinary Medical Education)
Alex Heiser (Immunology)
Mathew Littlejohn (Animal Breeding & Genetics)
William McMillan (Animal Production)
Eric Neumann (Pig Medicine)
Tony Pleasant (Genetics & Breeding)
Craig Ruaux (Small Animal Internal Medicine)
Ian Sutherland (Immunology and Parasitology)
Christine Thomson (Clinical Neurology)
Jim Webster (Animal Behaviour & Welfare)

Adjunct Senior Lecturers
Els Acke (Small Animal Medicine)
Roberto Aguilar (Zoo & Wildlife Health)
Andrew Bates (Dairy Veterinary Medicine)
Peter Bennett (Canine & Feline Oncology)
Warrick Bruce (Veterinary Surgery)
Mark Bryan (Dairy Cattle Medicine)
Ian Ducre (Animal Disaster Management)
Angus Fechney (Dentistry)
Mark Ferguson (Sheep Production)
Gareth Fitch (Equine Surgery)
Sandra Forsyth (Clinical Pathology)
Pru E. J. Galloway (Feline Medicine)
Craig Irving (Ophthalmology)
Su Langdon (Public Health, Food Safety & Quality Management)
Cheryl O’Connor (Animal Behavaiour & Welfare)
Fred Pauwels (Veterinary Diagnostic Imaging)
Fiona Rhodes (Animal Reproduction)
Ian Robertson (Veterinary Professional Skills)
Karin Schutz (Animal Behaviour & Welfare)
Mahiri Sutherland (Animal Behaviour & Welfare)
Brian Tapper (Ruminant Nutrition)

Adjunct Lecturers
Lisa Argilla (Zoo Animals and Wildlife Health)
Danni Bagley (Animal Breeding & Genetics)
Kellam Bayley (Ophthalmology)
Julie Bell (Veterinary Medicine)
Seton Butler (Veterinary Medicine)
Caroline Chylinski (Animal Behaviour & Welfare)
Ignacio De Barbieri (Animal Science)
Jenni J. Donald (Clinical Pathology)
Ellen Eyre (Veterinary Medicine)
Daniel Garrick (Animal Genetics & Breeding)
Robyn Gear (Small Animal Medicine)
Greg Jarratt (Dairy Studies)
Ray Lenaghan (Equine Studies)
Katie McKinlay (Veterinary Medicine)
Petra Muellner (Epidemiology)
Geoff Orbell (Pathology)
Natalie Parlane (Immunology)
Andrea M. Ritmeester (Equine Studies)
Shalsee Vigeant (Veterinary Science)
Virginia Williams (Animal Welfare)
Anthony Wong (Veterinary Science)
Gosia Zobel (Animal Behaviour & Welfare)

Honorary Teaching Fellows
Maurice R. Alley, BVSc Syd., PhD
David E. Clarke, BVSc Qld., MACVSc, FellowAM.AcadVetDert
Alexander S. Davies, BVSc Qld., PhD Edin., DrMedVet Hann.

Senior Research Officers
1998 Julie M. Collins-Emerson, BSc(Hons).ANU, PhD
1999 Anne C. Midwinter, MSc, PhD Monash

Junior Research Officer
2015 Juan Carlos Garcia Ramirez, BSc, MSc, PhD

Postdoctoral Fellows
2016 Sara Burgess, BSc, MSc, PhD
2017 Nikki Kells, BSc, MSc, PhD
2015 David Wilkinson, MSc, PhD Oxf.
2016 Faegheh (Fifi) Zaefarian, BSc, MSc, PhD
2015 Ji Zhang, MD, MSc, PhD Jyvaskyla

Research Technologist and Engineer
1992 Ian W. Barugh, DipSc, BAgSc

Foundation Director Animal Welfare Sciences and Bioethics Centre;
Professor of Animal Welfare Science and Professor of Applied Physiology and Bioethics
1988 David J. Mellor, ONZM, BSc(Hons). NE, PhD Edin., HonAssoRCVS Lond.

A.L. Rae Centre
Director
1988 Dorian J. Garrick, BAgSc(Hons), PhD C’nell

Centre for Animal Nutrition
Director

Centre for Feline Nutrition
Director
2002 David G. Thomas, BSc(Hons), PhD Lond.

EpiCentre
Director
2001 Cord Heuer, MSc Guelph, PhD Utrecht, DVM Hanover

NZ Equine Parentage and Animal Genetic Services Centre
Director
2015 Michelle Fremaux

New Zealand Food Safety Science and Research Centre
Director
2004 Nigel P. French, BVSc, MSc, PhD Bris., DipECVPH, DLSHTM, MRCVS, MNZIFST, FRSNZ

Wildbase
Director
2002 Brett Garthre, BVSc(Hons) Syd., PhD Tax., MACVSc

Massey Agricultural Experiment Station
General Manager
2014 Allan Still
Administrator
2014 Michelle Pearce

New Zealand Institute for Advanced Study
Head of Institute and Distinguished Professor
2004 Peter Schwertdfeger, MEng Aulen, MSc, PhD Stuttgart, Habil. Marburg, FRSNZ, FNZIC, MAPS, MIAQMS

Distinguished Professors
2004 Gaven Martin, BSc(Hons), MSc, PhD Michigan, FRSNZ, FAMS, FNZMS
2007 Paul Rainey, BSc, MSc, MA Oxfon, PhD Cant., FRNZS, Member – Max Planck Society

Professors
2010 Joachim Brand, DipPhys, Dr. rer. nat. Heidelberg
2009 Victor Flambaum, FAA
2012 Thomas Pfeiffer, PhD ETH Zurich

Research Officer
2013 Joshua Bodyfelt, PhD Wesleyan

Post-Doctoral Fellows
2016 Maxime Ardre, PhD
2016 David Eme, PhD
2015 Paul Jerabek, PhD
2013 Honour McCann, PhD
2016 Jan Mewes, PhD
2013 Philippe Remigi, PhD
2015 Krista Steenbergen, PhD
2015 Lauri Toikka, PhD

Honorary Research Fellows
2012 Sergef Flach, Diplomphysiker Dresden, Dr. rer. nat. Dresden, Habil. Dresden
2016 Stephanie Mewes, PhD
Massey Business School

School of Accountancy

Head of School and Professor
2003 Fawzi Laswad, MSc Wisc., PhD Syd., FCA, CMA, FCPA Aust.

Manawatu Campus

Associate Professors
1994 Matthew A. Berkahn, BBS(Hons), LLM Well., SJD Deakin
1987 Lin Mei Tan, DipCom, DipAcc, MA Lond., PhD ANU, FCA UK, CA
1980 Lindsay G. Trotman, LLM Cant., Barrister and Solicitor of the High Court of New Zealand

Senior Lecturers
1992 Nives Botica-Redmayne, MSc Zagreb, PhD, FCA
1987 Frances C. Chua, BA Taiwan, MBS, PhD, DipEd, DipSLT, CPA Aust.
2015 Dimu Ehalaiye, BSc, MBA Jos., PhD Well., CPA Aust.
2003 Nirmala Nath, DipEd USP, BA USP, PGDip USP, MA USP, PhD Waik., CPA Aust.
2011 Radiah Othman, MAcc USP, PhD Waik., CPA Aust.
2017 Jing Jia, BA Griffith, BAcc(Hons), PhD Qld.

Assistant Lecturer
1996 Alison Pavlovich, BCom, LLM Auck., Barrister and Solicitor of the High Court of New Zealand

Senior Tutor
2010 Christelle Roos, BCom(Hons) NWU, MCom NWU, HDE VU

Auckland Campus

Professors
2006 Michael Bradbury, MCom, PhD Auck., FCA, CMA
2014 Ahsan Habib, BCom, MCom Dhaka, PhD Hiotsubashi
1997 Jillian J. Hooks, DipTehg, BBS, MMS, PhD Waik., FCPA Aust., CA

Senior Lecturers
2011 Borhan Bluiyani, BBA, MBA Dhaka, PhD Lincoln(NZ), CPA Aust.
1999 Patricia F. O’Sullivan, LLB(Hons) Cant., MComLaw Auck., Barrister and Solicitor of the High Court of New Zealand
1999 Nicholas M. Smith, BA, BA(Hons), LLB Natal, PhD Auck.
2005 Warwick J. Stent, BCom(Hons) Rhodes, MCom RAN, PhD, CA

Lecturers
2013 Merenea Barrett, BMS, MMS Waik., PhD GCU UK
2008 Jayantha Wickramasinghe, MBA, PhD Bond, CMA, CPA, FCA (SL), MACS

Senior Tutor
2008 Siata F.L.H. Tavite, BCom Auck., PGDipAFM USP, MBA USP

Wellington Campus

Senior Lecturers
1988 James D. Heslop, AdvCertTehg WP, BCA Well., MBS, CA
1973 Jeremy J. Hubbard, CertTEd Lond., LLB Lond., LLM Well.

School of Aviation

Chief Executive Officer
2005 Ashok Poduval, MMgmt, FRAeS

Manager of Professional Programmes
1996 Francis S. Sharp, AFC, BSc Cant., MMgmt, FRAeS, CFS, PSC

Manager Aviation Safety and Chief Flight Examiner
1990 Ritchie J. de Montalk, MAv, PhD, FRAeS

Chief Flight Instructor
2007 Craig Whyte, DipBusStud, BA

Chief of Standards
1999 Paul Kearney, BA

Senior Lecturers
2004 Andrew Gilbe, PhD, Warw.
2006 Jose Perezgonzalez, PhD (Doctor Europeus) La Laguna
2000 Savern Reweti, DipInfSc, DipTehg, BSc Cant., PhD
2015 Kan Tsui, BAcc, MAv, PhD

Lecturers
2013 Rose Y. G. Davies, BEng, MSc, PhD Auck.
2017 Thank Ngo, PhD

Assistant Lecturer
2017 Isaac Henderson, BA(Av), PGDipBus, MAv

Senior Tutors
1999 Eric G. Reynolds, LAME, NZCAA
2012 John Murrie, BBus, MBS
2015 Arindam Banerjee, BSc Jawahar Lal Nehru, MBA Delhi

Tutor
2011 Glen Stewart, BA

School of Communication, Journalism and Marketing

Head of School and Professor
2017 Stephen Croucher, BA(Hons), MA Minn., PhD Oklahoma

Business Manager
2014 Barbara May, MBus, AUT

Auckland Campus

Associate Head of School
2009 Andrew Chrystall, BScSc Waik., BTheo Auck., MA Qld., PhD Auck.

Professors
2018 Mohan Dutta, BTech IIT, MA N.Dakota, PhD Minn.
2013 Shiv Ganesh, BA(Hons) Delhi, MA Tata Inst. SocSci, PhD Purdue
2013 Harold van Heerde, MSc Groningen, PhD Groningen
2013 Valentyna Melnyk, BBE Sumy, MBE Sumy, MEM Amsterdam, PhD Tilburg
2014 Leo Paas, MSc Amsterdam, PhD Tilburg

Sir Stephen Tindall Chair in Retail Management
2014 Jonathan Elms, BA(Hons), LAnc. MSc Lanc., PhD Lanc.

Associate Professors
2004 Margaret Brunton, BScSc, MMgt, PhD Waik.
2003 Henry F. L. Chung, MBA, PhD Waik.

Senior Lecturers
2002 Sandy Bulmer, BTech, MCom Auck., PhD Auck.
2018 Debalina Dutta, BSc Guwahati, MSc Guwahati, PhD Purdue
2012 Craig Fowler, MSc, PhD Penn State
2013 Chris Galloway, BA Auck., MC Well., MMgt, PhD Monash
2017 Alexandra Hess, MA Mannheim, PhD Waik.
2014 Chun-ju Flora Hung-Baesecke, BA Taiwan, MSc Boston, PhD Maryland
2018 Esther Jaspers, BIntBus, MMMkt Tilburg
2003 Kim Hang Pham Do, MSc Wagen, PhD Tilburg
1994 Shamim Shakur, BSS(Hons) Dhaka, MA, PhD Bost.
2000 David Smith, BA(Hons), MBS, PhD
1990 Carolyn G. Wirth, BCom C'dia, MBA Mannt., CGA Canada, PhD

Lecturers
1987 Iona A. McCarthy, DipBusAdmin, BAgSc, MBS, SPINZ
2002 Samuel A. Richardson, MApplEcon, PhD

Senior Tutors
1997 J. Andrea Bennett, DipBusStuds, DipTchg, BSc(Hons), MBS
2003 Mai Kuen Yuen, BBS, MBS

Wellington Campus
Senior Lecturers
2006 Wei-Huei (Wendy) Hsu, BBS(Hons), PhD
2017 Wei (Maggie) Hao, BBS, MCom Auck., PhD

Financial Education and Research Centre (Fin-Ed Centre)
Director
2012 Pushpa Wood, DipCommWithYouthDev, BA(Hons), MA Delhi, PhD Well., NZOM

School of Management
Head of School and Professor
2016 Stephen Kelly, BA Admin Griff., MBus, PhD S.Cross

Auckland Campus
Associate Head of School
1986 Lynn Jeffrey, DipEd, DipTchg, BA Well., MBA, PhD, MRAeS

Professors
2008 Jim Arrowsmith, BA(Hons) MCIPD, PGCertPCE, MA, PhD
2016 Tim Bentley, BSc(Hons), Herts., MSc, Lough., PhD, Lough.
2017 Dirk Boehe, MCom Auck., PhD
2010 Jane Parker, BA, BCom, MCom, PhD

Associate Professors
2004 Bevan Catley, BCom(Hons) Otago, BPheEd Otago, PhD Otago
2009 David Paulleen, MA, PhD Well.

Senior Lecturers
2013 Ozan Nadir Alakavaklar, BA Dokuz Eylul, MBS Dokuz Eylul, PhD Dokuz Eylul
2005 Andy Asquith, BA(Hons) UCE, PhD UCE
1993 Trish Bradbury, MPE Ott., PhD
2003 Andrew Cardow, DipBusAdmin, DipTchg, BA Otago, MBS, PhD Otago
2003 Darryl Forsyth, BA(Hons), MSc Cant., PhD Cant.
2003 Yuanfei Kang, MA Beijing, PhD Auck.
2014 Jeffrey Kennedy, BCom Cant., BSc(Hons) Cant., PhD NanTech.
1999 William Kirkley, MA Leic., DipBusMgmt Cape Town, DipLabourLaw S.Af., PhD
2014 Shane Scahill, BPharm Otago, MMgmt Auck., PhD Auck.

2011 David Tappin, PhD
2012 Nazim Taskin, PhD Br.Col.
1994 Kaye Thorn, BSc Auck., MSc Cant., PhD

Lecturers
1993 Andrew Barney, BA, MPhil Auck.
2017 Ali Intezari, BBA, USB, Iran MMgmt Tehran, PhD
2012 Yulong Liu, MMgt, PhD
2016 Aymen Saajid, BSc GCU, MBA Islam. MComm Adel, PGCertBus, PhD

Assistant Lecturers
2017 Zoe Port, BBS(Hons), BBS AUT
2017 Kasuni Weerasinghe, BSc Colombo

Manawatu Campus
Associate Head of School
1991 Joanne Bensemman, DipBusStuds, DipBusAdmin, MBS, PhD, MNZITT

Professors
2016 Christian Felzensztein, BSc UACH, PGDip Weitz Israel, MBA UACH, MSc Strath., PhD Strath.
2014 Lorraine Warren, BSc Wales, PGCE Hudd., MScBrad., PhD Wales

Associate Professors
2001 Craig Prichard, BA Cant., PhD Nott.
1998 Janet Sayers, DipBusAdmin, MBS, PhD Auck.
1985 Paul K. Toulson, DipPM, BA Cant., PhD, LFHRINZ, AFNZPSsS
1986 David M. Tweed, DipBusStuds, DipAcc, BAgSc, MBA, PhD Newcastle, CA, AAMINZ

Senior Lecturers
2014 David Brougham, MMS Waik., PhD Waik.
2012 Andrew Dickson, BBS, BSc, MBS, PhD
1999 Inga Hunter, DipObst Otago, BAO Dublin, PGDipBusStuds, MA, MB, MPhil, FRNZCGP
1998 James Lockhart, PMSC, MAgSc, PhD Auck., MioDNZ
2016 Jason Mika, BMS Waik., MMP Well., PhD
2001 Farah Palmer, ONZM, BPhEd(Hons), PhD
1986 Philip L. Ramsey, MBS, PhD
2002 Damian Ruth, BA(Hons) UCT, MPhil UCT, PhD Sheff.
2001 Alexei Tretiakov, BSc(Hons), PhD Mendeleev Chem. Tech., PhD Tohoku
1993 Richard J. Whiddett, MA, PhD Lanc.
2013 Suze Wilson, BA Cant., PhD Well.

Lecturers
1995 Shirley Barnett, DipBusAdmin, MBS, PhD, MNZITT
2015 Kate Blackwood, BCom Otago, PGDipHRM, PhD
1998 A. Barry Foster, DipBusStuds, BA, MPhil
2016 Wayne Macpherson, DBA
2001 Beth L. Tootell, PGCertITT Otago, MCom NSW

Assistant Lecturers
2017 Vasudha Bhide, PGDipBusAdmin, MBBS Delhi, MBA, Cran., MMgmt
2012 Yulong Liu, MMgt, PhD
2011 David Tappin, PhD

English Language and Academic Assistance Teacher
2003 Nick Roelants, CertTESOL, DipTchg, MA

Office of Academic Assurance
Director
2005 Meredith MacKenzie, BBS, BA

Academic Strategy Manager
2016 Jennifer Scott, BSc(Hons) Windsor, MBA Walden, DBA Walden

Academic Information Systems Analyst
2004 Jia Yi Lu, GDipInfSci, BE Jilin, BInfSci(Hons), MInfSci

Academic Governance Team
Senior Consultant
2003 Belinda Chainey, PGDipMUsStud, MA Auck.

Consultants
2017 Justine Jenkins, MA Auck.
2015 Deb Just, BEdTchg, PGDipEd
2016 Katryn Kelly
2006 Jenny Loveday, BA, PGDipBusAdmin

Administrative and Support Services

Back to Contents
MASSEY UNIVERSITY 2018 CALENDAR
1984 Leanne Robinson, GradDipBusStuds
1987 Ruth Turner

Curriculum Management Team
Senior Consultants
2015 Philip Bronn, BA(Hons), MA
2000 Pat Hickson, PGDipBusAdmin, MA

Qualification Lifecycle Team
Senior Consultant
1991 Fiona Coote, GradDipBusStuds, DipArts
Consultant
2011 Sue Bell, BA, BA(Hons)

Commercial Operations

Manawatū Campus
General Manager
2005 Denis Jenkins

Sport and Rugby Institute
Operations Coordinator
2013 Andrew Berry

Gymnasium Manager
2005 James Amon

Wharerata
Operations Manager/Executive Chef
2006 Sean Kereama

Customer Services Manager
2002 Frances Healy

Wellington Hospitality
Operations Coordinator
2016 Jeremy Hanna

Office of Development and Alumni Relations
Foundation and Alumni Director
2009 Mitch Murdoch, BA Well.

Alumni Relations Manager
2015 Cassie Rowe, BC, PGDipBusAdmin

Administration and Shop Manager
2003 Karen Greer

Alumni Relations Assistant
2017 Chelsea Roberts, BBus/BIHM AUT

Data and Multimedia Technician
2001 Kerry Shippam, DipBus, DipSciTech

Applications Support Analyst
2002 Susan Young, BBS

Fundraising Coordinator
2009 Ann Rutledge, DipBusStud, BBS

Development Executive
2016 Kelly Weaver, BBS(Hons), BA

Development Managers
2016 Kylie Gibbard, BBS
2016 Deborah Dalliessi, DipIntlMktng, PGCertHSc AUT
2016 Liesl Nunns, BA(Hons), MA Well., DPhil Oxf.

Trust Manager
2016 Peter Halligan, BSc(Hons) Cant.

Facilities Management
National Facilities Director
2016 Murray Foreman

Auckland Campus
Facilities Services Manager - Auckland
Appointment pending

Operations Manager
2011 John Shimwell

Building Services Manager
2008 Jeffrey Askettle

Projects Manager
2017 Janet Flint

Manawatū Campus
Facilities Services Manager - Manawatū
2017 Wallace Brady

Operations and Security Manager
2011 Kerry-Lee Probert, BSW, MMgt, PGDipBusAdmin

Grounds Manager
2006 Gary Mack, HNC, FInstG(Dip)

Projects and Contracts Manager
2011 Scott Pearce

Utilities Manager Electrical
1993 Rick Budd, LCG, HNC(Elec)

Utilities Manager Mechanical
2001 Sean Lynch, BE(Mech) Auck., MIPENZ (Building Services & Civil), CPEng

Building Maintenance and Contracts Manager
2004 David Webb, NZCE(Civil)

Engineering Manager Building Automation Systems
2008 Richard Jackson, BE

Campus Health and Safety Advisor
2013 Rhea Hazners

National Timetable Manager
1989 Debra Ward

Space and Property Manager
Appointment pending

Wellington Campus
Facilities Services Manager - Wellington (Acting)
2017 Peter Wray

Projects Manager
2003 Barry Jackson

Finance
Chief Financial Officer
2013 Carolyn Dimond, BA(Hons), FCCA, ACA

National Capital Manager & Insurance
1995 Murray Adams, GradDipBusStuds

Financial Reporting
2016 Amy Cheung, BCA, CA
2015 Rehan Shahid, CA

Financial Services
2011 Richard Cronin, BBS, CA
2016 Dylan Roberts, BA, BBS
2005 David Zhou, GradDipBusStuds, BBS, PGDipProfAcc, CA
2017 Azeem Mohammed, GradDipInfoSci, PGDipInfoSys, MCom, MMgt, CPA

Financial Operations
1993 Ellen McCarten
2015 Helen O’Connor
2017 Cathy Webb
Information Technology Services

Chief Information Officer - (Acting)
2005 J. Alistair James, DipSocSc, BA Well., BSc Well., MBA Well.

Departmental Administrator
2010 Rebecca Zentveld

Auckland Campus

Auckland Service Manager

Senior Analyst
2000 Sri Nagappan, BE, MBA, MCSE, AACS

Level 1 Support Analysts
1998 Pravin Kumar, NZCE
2000 Karen Lowe, BInfSci
2005 Arno Vacher

Information Commons IT Assistants
2007 Muhammad Irvan, BA
2010 Jie (Billy) Zhang, BSc Unitec, PGDipInf

Video Communications Facilitator
2012 Gary Jonker, DipSciTech

Systems Engineer (Networking)
2001 Ravi Hettiarachchi, ACS, NCC

Manawatu Campus

Associate Director, Planning and Transformation
Appointment Pending

Applications Development Manager
2016 Antony Bishop, BSc Cant., DipSc

Junior Developers
2015 Gihan Hewaralage
2015 James Nicholls

Junior Web Developer
2017 Lisa Miller, BICT UCOL

Senior Analyst Programmer
1998 Philippe Limosowin, BSc

Software Development Practice Lead
2004 Simon Hardman, BSc

SharePoint Developers
2004 Andrew Hartnell
2012 Norman Russ, BInfSci

Web Developers
2017 Thurston Cummins
2015 Asif Javed

Financial Analyst
1991 Bill Littlejohn

License Agreement Specialist
2004 Darrin Gosper

Interactive Technologies Manager
1997 Sue Tait, BAgriSc(Hons), MAGriSc

Technical Lead - Interactive Technologies
2014 Simon Thorpe, NZIM OpenPoly.
2015 Yousuf Baig, PGDipSc

Senior Technical Lead - Interactive Technologies
2010 Howard Nicholson, NZCS, CIT(NZ), GDipSci

Technical Project Manager
2006 Graeme Fox, BSc, PGDipTchg, PGDipMgmt

Project and Portfolio Manager - (Acting)
2014 Mike Hoy

Project Manager and Infrastructure Solutions Coordinator
2001 Andrew Vile

Project Managers
2012 Kim Finlayson, BBS
2007 Sharon Milden, DipBus, BA
2006 Diane Rozmus, BInfSci
2014 Jill Short
2006 Leonard Smit, NDipTech FUT

Project and Portfolio Planning Analyst
2014 Sue Lawrence

Technical Project Manager
2009 Paul Charlsley, BSc, MSc

Business Analyst Manager
2007 Jeremy Crowley, BSc Bath

Senior Business Analysts
2012 Niki Heywood, NCBC AUT
2011 Dan Simmons, BTech

Business Analyst
2008 Samantha Bleakley, BAppIS, PGDipBusAdmin

Quality Assurance Manager
2004 Josie Griffin

Change Analyst
Appointment Pending

Test Analysts
2015 Jarod Carruthers, ISTQB, ANZT
2016 Sassan Nikoo, BInfSci, CTFL (ISTQB ANZT)

Senior Software Test Analyst
2000 Rachel Adams, BBS, CTFL-AT (ISTQB ANZT)

Test Automation Specialist
2014 Jeff Wilson

Data Management Specialist
2014 Sarah Ellison, BInfSci(Hons)

Associate Director Business Systems Support
2013 Harry Faas

Applications Support Manager
2017 Mark Skinner

Applications Support Analysts
1980 Caroline Cockburn
2017 Margo Lawrence
2003 Edwin Mok, BInfSci
2001 Cheng Fung Pun, BInfSci
2004 Kevin Simmons, BSc
1997 Stephen Tate, BSc
2010 Michael Vallance

Junior Systems Engineer (Technical Applications)
2013 Ewen Johnston, BBS

Senior Systems Engineers (Technical Applications)
2007 Francois Herbert, NZCE, ESTA, ACSA
2001 Michael Ward, BTech CSE

Systems Engineers (Technical Applications)
2005 Patrick Rynhart, BSc(Hons), PhD

SharePoint Farm Administrator
2008 Ivan Hemrich, BAppIS UCOL
2013 Aron Howarth

Technical Database Administrator Practice Lead
2010 Shane Scott
Security Manager
2008 Peter Hamilton

Systems Engineers – Security
2010 Kelly Hayes
2009 Haiyang Lu, BEEng Southeast Uni, MTech

Infrastructure Support Manager
2012 Schalk Engelbrecht, NDip P. Elizabeth, MCSA, MCSE, MCTP

Business Continuity and Facilities Manager
1994 Jonathan Godfrey, BSc

Data Storage Engineers
2011 Ian Briggs
1999 Dean Richards, BSc

Infrastructure Development Engineer
2010 Diego Circelli

Operator
1990 Ashby Howitt

Senior Systems Engineers
2001 Guy Defryn, MCSE, MCSA, VCP, CCNA, NPP
1980 Glen Eustace, BSc

Support Analyst - Infrastructure
1998 Hans van der Horst, BEng Amst.

Systems Engineers
2014 Daniel Kempthorne
2014 Timothy Matthews
2005 Jamie Munn, BICT, CCS, CACU

Technical Lead (Monitoring and Insights)
2013 Darren Joyce

Network and Unified Communications Manager
2011 Richard Greaney, BInfSc

Administrator – IT Communications Services
2000 Sonia Hampton

Network Engineers
2009 Brian Mabey
2001 Iresha Siriwardena, MSc Otago
2006 Wei (Jack) Su

Systems Engineer - Telephony
2010 Ivan van der Merwe, BCom J’Burg

Telecommunications Administrator
1990 Fay McCracken

Associate Director Service Delivery
2013 Mareen Watts

Training Manager
2014 Stuart Edmunds

Trainer
2013 Mark Sacks

Information and Communications Specialist
Appointment Pending

Administrator - ICT Services
1991 Jenny Fennessy

Software Build Manager
2011 Marko Blagojevic, BSc Auck.

Software Delivery Developers
1995 John Hayward, AdvCert CPIT, BSc Cant., PGDip Otago
2012 Theang Ly, BSc, MCSA, MCTS
2006 Adam Mackres
2014 Daniel Rezner, BInfSc
2007 Hamish Ward, AdvDip UCOL

Senior Analysts
2015 John Cookson
2016 Scott Wallace, MCSA

Support Service Manager
2013 Jane Johnston

Service Desk Support Coordinator
2013 Leah Wolf

ITSM Administrator
2015 Eddie Fraser-Hoskin

Level 1 Service Desk Analysts
2012 Kath Anderson
2013 Hayden Bond
2015 Alex Edmonds
2013 Steven Gaw
2014 Cameron Joule
2016 Cameron Lansdell
2016 Darren Lyon
2014 Samuel Spencer
2017 Daniel Yang

Level 1 Support Analysts
2008 Tony Chesterman, BInfSc
2005 John Henry
2009 Rob McLaren
2015 Phil Robertston
2012 Navdeep Singh

Information Commons IT Assistants
2014 Ashley McGrillen, BAppSci
2015 Jeff Phillips

Video Communications Facilitator
1999 Colin Leong, BAppIS UCOL

Wellington Campus

Wellington Service Manager
2009 Kevin Reynolds

Level 1 Support Analysts
2007 Xian Chen, BCA
2001 Gareth Gowen, DipTchg, BFA
1988 Chris Harris, NZCE
2016 Dan Pasco
1999 Rick Smith
2012 King Toha, MCom, HDSE

Information Commons IT Assistant
2015 Hardeep Gill

Systems Engineer (Networking)
1993 Gordon Clarke

International Relations Office

Director International Relations
2012 Michael O’Shaughnessy, BA Well., MIR Well., CTEFLA

Executive Assistant to the Director International Relations (Acting)
2004 Kerrie Simonsen

Manager Operations
1992 Jacqueline Koenders, GradDipBusStuds

Manager Student Mobility
2012 Gregory Huff, BA WMU, MA MSU

Manager International Project Development
1994 Bruce Graham, DipTchg, BEd

Senior Advisor International Relations
2015 Angela Drake, BA Well., LLB Well.
Library

University Librarian
1992 Linda Palmer, BA, DipLibr Well., MMgmt, ALIANZA

Associate University Librarian (Client Services)
2005 Heather Lamond, BA Cant., MLIS Well., MEd, ALIANZA

Associate University Librarian (Technology and Resources)

Auckland Campus

Campus Librarian
2003 Amanda Cooper, MA Auck., MMgt, DipLibr Well., ALIANZA

Head of Lending and Document Supply
2008 Rohini Subbian, BSc B'hiar., BLIS Annam., MLIS Madurai-K., ALIANZA

Librarian
2011 Annabel Bailey, BA Cant., DipLibr Well.

Head of Information and Learning Services
2007 Jane Clark, MSc Auck., MSc Lond.

Librarians
2012 Fiona Diesch, BA Essex, PGDipLIS Well., ALIANZA
2011 Vanessa (Ness) Gibson, BA Auck., MLIS Well.
2015 Cuiying Mu, BA Xi’an, MLIS, Well.
2016 Louis Changuion, PGDipMuseumSc University Archivist

Archives

University Archivist

Collection Services

Collection Manager

Collections Project Manager
1992 Anne Hall, BA(Hons), DipNZLS

Special Collections Librarian
2017 Pauline Knackey, BA(Hons) Otago, BA Cant., MA, PGDipLib Well., PGDipBusAdmin

Librarians
1983 Helen Cahill, NZLS Cert
2016 Kathryn Hill, BA, Cant., MLIS Well.
1983 Carol Johnson, BSc, MA Waik., DipLibr Well.
2001 Michael Kozyniak, BA, DipLibr Well.
1991 Tian Shi Li, DipEd Shanghai, NZLS Cert
1980 Norah Mosen, MA, NZLS Cert

Digital Services

Digital Services Manager
2006 Tim Darlington, BA Cant., DipLIS Well.

Librarians
2007 Amanda Curnow, BA(Hons) Otago, MLIS Well.
2015 Natalie Dewson, BA, MIS Well., PGDipBusAdmin
2006 Julia Harvey, BSc New Mexico, MIS Indiana
1986 Russell Hewitt, BA Auck., BInfSc, DipLibr Well.
1992 Jennie Woodfield, MA, MLIS Wisc., ALIANZA

Distance and Document Supply Service

Head of Section
2016 Christine Harris, BAppSciLIS

Librarian
1986 Joanne Wood, BA, NZLS Cert

Information and Research Services

Head of Section
2016 Cherie Shum, BAppSciLIS, ALIANZA

Librarians
2016 Lyndall Holstein, BA Macq., PGCertEnvironEd Macq.
2017 Carla Jeffrey, BSc, MLIS, LIANZA
2015 Kim Baxter, BA, MA, MLIS Well.
2007 Katherine Chisholm, BA(Hons) Well., MLIS Well.
2006 Chris Good, BA(Hons) Otago, MA, DipLIS Well.
2002 Brenda Johnson, BA, NZLS Cert, DipILS OpenPoly.
1979 Nicola McCarthy, BA, DipNZLS
2004 Barbara Rainier, BSc Rhodesia, HDipLib Rhodes
2013 Lorraine Treman, MA Cant., DipNZLS Well.
2005 Joanne Wennman, BA, NZLS Cert
2001 Noeline White, BA, DipLibr Well.

Kaiwhakarato Pārongo Rangahau Māori
2014 Ria Waikerepuru, BDesArt Te Wanaga o Raukawa, PGDipMusStud

Lending Services

Head of Section
2005 Leigh Bryant, NZLS Cert

Librarian
1986 Janet Darvill, NZLS Cert

Planning and Quality Librarian
2008 Alison Wallbutton, BSc Well., PGDipBusAdmin, MLIS Well.

Wellington Campus

Campus Librarian
2014 Ursula Clarke, BA(Hons) Birm.

Client Services Manager
2015 Hyekyung Chun, BSc Kyung Hee, MA Bond, MLIS Well.

Librarians
2007 Craig Cherrie, DipSc, BSc, DipNZLS Well., MLSc Hawaii
2012 James Duncan, BA Cant., MLIS Well.
2011 Lauren Deacon, BA Well.
1996 Elizabeth Smith, BA Cant., DipLibr Well.

Massey University Worldwide

General Manager
2015 Rob Stevens, BSc Well., MPubPol Well.

Business Development and Operations Manager
2007 Rebecca Argyle, BSc, LLB Well.

International Marketing Manager
2013 Rachel O’Connor

Marketing and Events Executive
2016 Zavana Keenam

Team Administrator
2016 Maria Ruhnayat
National Centre for Teaching and Learning

Director National Centre of Teaching, Learning
2005 Duncan O’Hara, BA, PGDipBusAdmin, MMgt

Administration
2005 Geraldine Gulbransen

Teaching Consultant
2009 Andrew Jamieson, DipTchg, BEd, PGDipEd

Student Survey and Evaluation Unit

Student Survey and Evaluation Manager
2003 Malcolm Rees, DipQA, MPhil

Student Evaluation Coordinator
2005 Ema Alter, CPMST Law Grenoble, LésLEA Rennes, MLEA Sorbonne Nouvelle

Survey Data Analyst
2008 Judith Naylor, MSc York(UK)

Educational Technology Unit

Educational Technology Manager (Acting)
1993 Andrew Rowatt, DipBisComp CIT

Stream Support Consultant
2004 Jon Hills, DipBus UCOL, DipMgmt NZIM, BAppIS UCOL

Stream Support Consultant
2004 Eric Liu, BInfSc, PGCertArts

Multimedia Developers
1996 Matt Alexander
2000 Quentin Roper, BA Well.
2017 Kate Reddington

Online Course Builders
2016 Mark Downey
2016 Angela Denes
2017 Liza Haarhoff
2017 Aseni Warnakula

Student Success and Engagement Unit

Coordinator Student Success
2009 Andrea Mackay, BBS(Hons)

Student Engagement Advisor
2015 Anna Rogers

Centres for Teaching and Learning (including Disabilities)

Auckland Campus

ESOL Learning Consultant
2005 Martin McMorrow, DipTEFLA, BA(Hons) Oxf., MA Thames V.

Postgraduate/Distance Learning Consultant
2007 Lilia Sevillano, BA, GradDipArts, MA, DA De la Salle

Postgraduate Learning Consultant
2005 Vanessa van der Ham, BA(Hons), HDipEd UNISA, MA Natal

Pasifika Learning Adviser
2013 Seluvaa Paea, GradDipBusStuds, BA USP, GradDipTchg TIOE

Teaching Consultants
2011 Dave Snell, DipTchg, BA(Hons) Auck.
2011 Jane Terrell, CertTEFL, DipTchg, BA, MEdAdmin Auck.

Student Adviser Disability
2011 Gerard Chow, BHSc, BEng(Hons) NUS, PGDipEd NIE

Student Success Adviser

Educational Developer
2016 Nicola Dunham

Manawatu Campus

Learning Consultants
2013 Julia Tanner, BA(Hons), MA, PhD
2010 Katherine Lyons, BA(Hons), MA

Educational Developers
2008 Fleur Connor-Douglas, CTEFLA, DELTA, MA
2017 Rahna Carusi, BA New Orleans, MA Boston Coll., PhD Georgia State

Learning Advisor - Pasifika
2010 Sunlou Liuaive, DipTchg, BA, MA

Disability Student Adviser
2004 Philip Godfrey, BSc(Hons)

Alternate Format Co-ordinator
2005 Kevin Murrow, BA

Wellington Campus

Educational Developer (COCA)
2012 Greg Gilbert, BA Car., MA C’dia, PhD Well.

Teaching and Online Consultant
2004 John Milne, BSc Otago, MSc Otago, MSc H-W, MBA Aberd.

Inclusive Education Advisor (Disability)
2011 Penny Hay, BMus Well.

Pasifika Consultant
2016 Moe Nanai, GradDipTchg, BA

Learning Consultant
2016 Tariq Habibyar

People and Organisational Development

Assistant Vice-Chancellor People and Organisational Development
2008 Alan Davis, CertIndRel Well., LLB Cant., MBA Well.

Executive Assistant
1997 Coralie Weller

Manager Remuneration and Reporting
2014 Lynn McDougal

Manager Staff Recruitment
2012 Nigel Barker, CertAdultEd, BBS, GradIFE

Human Resources Advisors
2000 Mark McDonald, BBS
2005 Stuart McKie, BA Well.
2001 Kylie Morgans, BBS
2012 Peter Nilsen, BBS, GCEA BOPPoly.
2004 Melissa Signall, GradDipBusStuds
2008 Preeti Mathew Verma, BA India, PGDipBusAdmin
2001 Kathryn Tulitt, BBS

Manager Employment Relations
2011 Fiona McConnell, DipIndRel, BA/LLB

Senior Employment Relations Advisor
2016 Lauren Williams, BBS

Manager HR Services
2008 Lynette Jolly, BBS, PGDipBusAdmin

Team Leader Payroll
2011 Patricia Watson

HRIS System Administrator
2011 Geraldine Richardson, BSc Otago

Director Health Safety & Wellbeing
2017 Wendi Croft, BSc, CRSP

Manager Capability Development
2013 Angela Robertson, DipTTchg, BEd, MEdAdmin, PhD
**HR/Capability Advisor**  
2014 Jo Swift, BSc Otago, PGDipMgmt, PGDipTourism

**Director Risk and Assurance**  
2007 Jodie Bannar, BA

**Director Information and Records Management**  
2008 Cecily Fung, BA(Hons), PGCert Manc.Met., MIIM

**Learning and User Adoption Consultant**  
2013 Hine Bishara, DiplInTech Natcoll

**Professional and Continuing Education**

- **National Director**
  - 1993 Andrea Flavel, MA, DipTESL Well.
  - 2004 Shona Watson, BA, DipTESOL, CELTA
  - 2010 John Taylor, BMus
  - 2009 Jane Kitchenman, BA, DipTchg, DipGerman
  - 2013 Christina Baldarelli, BA

- **Academic and Programme Co-ordinators**
  - 2014 Mark Kaneko, BA(Hons) Glim, MA AUT, MBA Auck.
  - 2003 Pamela Resnick, BA Auck., PGDipSLT Wake., MTESOLLeadership, CTEFL
  - 2008 Heather Thomas, BA, MappLing

- **Senior English Language Teachers**
  - 2016 Laura Hopkins, MProfStudsLT Auck., RSA/UCLES DELTA Kings College London, RSA-CTEFL, St Giles College London, BA(Hons) Brighton
  - 2008 Meggan C. Jones, MA Well., PGDipEd Wake., DELTA, CELTA, IDLTM Qld.
  - 2013 Leonard Sanders, BA(Hons) Well., MA Well., PhD, PGDipSLT
  - 2017 Danielle Whitehouse, JP, CertAdultTchg CIT, DipMgmt NZIM, DipDipBusStuds Wake., BEd CIT, PGDipBusAdmin, MMgmt

- **Senior Tutors**
  - 2012 Elizabeth Tully, BA(Hons)
  - 2010 Hilde Celic, BEd Belgium, BBusMgmt Belgium
  - 2013 Hey Jong Choi
  - 2002 Briar Hamilton, BA Auck., DipTchg CCE, DipSLT
  - 2009 Ubiquitous Thomas, MA, MAppSLT, PGDipTESL, TESOL IPC, MAppLing
  - 1995 Joanne Grant, BA, DipSLT
  - 2009 Michelle Meneghini, BA Well., MEd W’gong.
  - 2003 Robert O’Connor, BA Well., DipTchg, DipTESL, CertTEFLA, IELTSCertTEFL Camb.
  - 2000 Sharon O’Sullivan, BEd, DipTchg, DipSLT
  - 2016 Camilla Charm, MA Auck., MA Well., DipTchg, CertTESL, CertTEFLA, MA Well.
  - 2015 Samad Zare, BA Shiraz, MA Shiraz, PhD

- **Academic and Programme Co-ordinators**
  - 2014 Mark Kaneko, BA(Hons) Glim, MA AUT, MBA Auck.
  - 2003 Pamela Resnick, BA Auck., PGDipSLT Wake., MTESOLLeadership, CTEFL
  - 2014 Emily Saavedra, BA Auck., MProfStudsLT Auck., CTESOL Trinity
  - 2013 Rosie Wallis, MA Auck., MA Wake., PGDipSLT Wake., CCEFLA Wake.

- **Academic and Programme Co-ordinators**
  - 2016 Laura Hopkins, MProfStudsLT Auck., RSA/UCLES DELTA Kings College London, RSA-CTEFL, St Giles College London, BA(Hons) Brighton

- **Senior English Language Teachers**
  - 2016 Laura Hopkins, MProfStudsLT Auck., RSA/UCLES DELTA Kings College London, RSA-CTEFL, St Giles College London, BA(Hons) Brighton
  - 2008 Meggan C. Jones, MA Well., PGDipEd Wake., DELTA, CELTA, IDLTM Qld.
  - 2013 Leonard Sanders, BA(Hons) Well., MA Well., PhD, PGDipSLT
  - 2017 Andrea Holland, DipEngLing Wisc., BA, Wisc., CELTA LIA. DipTESOL Trinity
  - 2014 Madeleine Matanawa, BA Durh., MA Bath Spa, DELTA Camb., CELTA Camb.
Project Management Office

Project Manager
2006 Graham Robinson, GradDipSc, BInfSc, BBS

Business Case Advisor
2015 Johan Swanepoel, BSc Jolburg, MBA Stell.

Research and Enterprise

Director Research Operations
Appointment Pending

Deputy Director Research Operations
2009 Caroline Tate, BA, LLB

Group Administration Manager
2001 Wendy Dixon

Personal Assistant/Group Receptionist
2015 Kelly Hargreaves

Research Development Advisor
Team Leader Research Development Advisor
2013 Joanne Innes, PhD

Research Development Advisors
2008 Emma Hughes, MA Manc., PhD
2013 Ross Holland, PhD

Research Development Advisor Māori and Pasifika
2016 Simon Hills, PhD

Research Partnership Development Manager
Appointment pending

Administrator Research and Research Support
2014 Hazel Bruce

Researcher Development Coordinator
2008 Marise Murrie

Researcher Development Administrator
2016 Alexis Boniface

Director Research Ethics
1996 Brian Finch, DipSLT, DipTchg, MA Auck., EdD

Team Leader Research Ethics
2003 Patsy Broad

Ethics Committee Advisors
1994 Miralie Thomas-Vincent
2015 Alice Lindsay

Chair Animal Ethics Committee
2001 Craig Johnson, DipECVA, BVSc Liv., PhD Cant., DVA, MRCA, MRCVS

Chair Genetic Technology Committee
2006 Laryssa Howe, BSc, PhD Pittsburgh

Manager Graduate Research School
2013 Julia Rayner, BSc(Hons) Edin., PhD York

Doctoral Administrators
2005 Janene de Ridder, BBS
2016 Wei-Yann Chua
2016 Alethea Baker
2017 Hannah Tokona

Team Leader Doctoral Admissions
2016 Bridget Campbell

Doctoral Admissions Officers
2016 Neda Ghayouri
2016 Phyllis Yang

Team Leader Contracts
2009 Caroline Tate, BA, LLB

Contract Advisors
2004 Leith Hutton, BBS, LLB
2012 Ursula Nicholls
2016 Larissa Trownson, LLB

Team Leader Scholarships & Post Award
2016 Nicola Burton

Senior Post Award Administrator
2001 Jayne McQueen, BA(Hons)

Post Award Administrators
2014 Jane Algar
2016 Susie Bronlund

Scholarship Administrators
2016 Dianne Atwood
2007 Nicola Carse

Research Strategy and Policy Manager
Appointment pending

Strategy Research Information
2002 Doug Franz, GradDipBusStuds

Research Information Technical Support
2006 Craig Manning, GradDipBusStuds

Enterprise Section

Director Business Development and Commercialisation (Research)
2008 Mark Cleaver, DipBusStuds, BAgri

Commercialisation and Intellectual Property Advisor
2010 Russell Wilson, PhD

Business Development Support
2015 Connor Morri, LLB, BCom

Strategy and Research

Strategy and Research Manager
2008 Rossana Couto-Mason, BA UnB., MPhil

Senior Business Analyst (Institutional Research)
2012 Kristin Huff, BA CMichigan, MS Minn. State

Statistical Analyst (Institutional Research)
2009 Erika Ramirez Tunjo, BSc Unal., MSc Unal., MFin, PGDipBusAdmin

Senior Planning Analyst
2016 Christopher M. Hansen, BTech(Hons), MBA

Planning Analyst
1994 Manvir Edwards, BSc(Hons) Leeds

Student Administration

Director
1987 Patrick A. Sandbrook, BA(Hons), PhD

Senior Information Analyst
2016 Lee Kendall, BSc(Hons) Warw.

Financial Administrator
2003 Andrew Gordon

Student Administration Service Leader
2004 Trish Orme

Enrolment and Academic Services

Associate Director Academic Services
2002 Jacqui Hofmann, GDipInfSc, BA Well.

Academic Administration Service Leaders
2006 Nina Kibby, BA
1995 Marilyn Palamountain

Student Advice and Information Service Leaders
1993 Alison Gustafson, GradDipBusStuds
2016 Claire Hurley
Student Life Services

Accommodation Services
Te Tari Whakanoho

Auckland Campus
Accommodation Manager, Te Ohanga
2011 Kelly Manning
Accommodation Assistant
2017 Emily MacFarlane, BA Cant.

Manawatu Campus
Head of Halls
2015 Amy Lavini, BA, MEd
Assistant Managers
2017 Adam Searle, BSW
2007 Rebecca Price, BEd, DipTchg(Secon), MMgt
2017 Brooke Hopkins, DipArts
Administrator
2017 Terase Standish, BA

Wellington Campus
Residential Operations Manager
2015 Priscilla Brooking, BTour(Hons) F.Cidade, GradDipTESOL PUC-RJ, MBA IBMEC, Brazil
Residential Life Coordinator
2015 Louis Davis, BComms Waik.

Campus Life / Examinations
Toiora Marae

Auckland Campus
Campus Life / Examinations Manager
2005 Andrea Abbott
Event Co-ordinators
2010 Marianne Mannering
2013 Siemone Rawson, BDes PHDN, DipGraph
Campus Life Co-ordinator
2016 Kristina Sokolova, BA, BA(Hons)
International Campus Life Co-ordinator
2016 Lauren Kumerich, BA

2005 Lisa Snook
Workforce Planner
2007 Amanda Seymour-East

International Admissions
Manager
2006 Diana Kessler

Student Management Systems Support and Development Unit
Manager
2008 Sue Pond, BBS, CA, NZICA

Senior Business Improvement Analysts
2002 Leigh Chard
1995 Tracy Corbett, BBS
2005 Hayley Murphy, BInfSc
2013 Mark Potten, CIMA, AAT
2014 Philippa Smith, BBS
1992 Anne Weir, DipTchg, BSc, MBA

Information and Reporting Analyst and Support
2004 Mike Gannaway, BApplInfoSys

Administrator
2017 Tanya Ashdown

Campus Information Services
Mōhiohio

Auckland Campus
Campus Information Client Services Officers
2005 Brenda Clifton
2009 Paula Feather, TTC
2016 Amy Kaur, BA, MA
2013 Bronwyn Young, BA, GradDipArts, PGDipAppLing

Manawatu Campus
Manager
1984 Alan White, DipMgt, BA, PGDipBus, MMgt, NZIM
Team Leader
2001 Pauline Frings, BA

Campus Information Services Officers
2001 Anna Hope
1987 Susan Kelland
2011 Noeline Marston, DipBusStud

Wellington Campus
Administration Officers
2015 Dominique Sayles
2015 Jake Wysocki, BComm Otago

Career and Employability Service
Ārahi Umanga

Auckland Campus
Careers Consultant
2001 Trish Fleetwood, GDipCareerDev

Manawatu Campus
Employer Liaison
1998 Nicola Stone, BA, PGDipBusAdmin

Careers Consultant
2006 John Ross, DipCGHE Reading, BA(Hons) G.Caledonian, PGDipHR Strath.
Wellington Campus
Career Development Consultant
2013 Grant Verhoeven, BSc, BSS OtagoPoly, GradDipEcDev AUT, MMgt, PMCDANZ

Chaplaincy Service
Minita Whakapono
Auckland Campus
Coordinating Chaplain
2001 Ricky Waters, JP, Dip Tchg, BEd, BD
Interdenominational Chaplains
2008 Ps Tu-Yi Chiang, BSc Chung Yuen, BMin Bread of Life, MA
2008 Rev. Kyu Kim, BA, PGDipPastoral Couns Yeon Sei Korea, MDiv Chang ShinKorea, MSW(Applied)
2013 Ps Wesley Lorentz, BTheol UNISA
2011 Carrie Rambo, DipDentalAssist Portland
2004 Jill Shaw, BS Int. Cult Comms Johnson, MA Cincinnati
2013 Ps Wesley Lorentz, BTheol UNISA
2011 Carrie Rambo, DipDentalAssist Portland
2004 Jill Shaw, BS Int. Cult Comms Johnson, MA Cincinnati

Manawatū Campus
Coordinating Chaplain
2009 Paul Stock, MSc Wark.
Interdenominational Chaplains

Events Management
Whakahaere Kaupapa
Manawatū Campus
Events Manager
2011 Jane McLaughlin, BA Edin. Napier
Events Co-ordinator
2011 Sarah Golding, BSc(Hons) Warw., DPhil York
Events Assistant
2016 Becky Wilson
Wellington Campus
Events Manager
2007 Jayne Whyte, CELTA Camb., CertEngTchg Kings, GradDipBusStuds
Events Co-ordinator
2016 Shannon Butson, BDes

Health and Counselling Services
Te Whare Hauora & Āwhina
Auckland Campus
Health and Counselling Centre Manager
2016 Jane Hanley, BA, MA(Apply), PGDipBusAdmin, FNZIHM
Counsellors
2012 Jennifer Beckett, BA(Hons), PGDipPsychPrac, MA, MNPPS, MACBS
2016 Casey Dicks, BSc, MSc, MNZPS
2016 Alexis Kliem, BA, MHlthSc, PGDipCounsPsych, MNZPS
2012 Theresa Martinovich, AdvCertAOD Weltec, PGDipHlthSci Auck., PGCertSup Auck., MCouns Auck., MNZAC, DAPAANZ
2013 Lynn Yue Yang, BA Wahan, PGDip Couns, MEd Auck., MNZAC

Medical Officers
2013 Angela Fraser, MBChB Auck., DipPaed, BHlthSci, NZCRN, FRNZCGP
2004 Robin Kelly, MRCS Eng, LRCP Lond., FRNZCGP
1995 Glenda Lowe, DipObst Auck., MBChB, FRNZCGP
2016 Ajay Makal, MBBS, DipClinPathol, FRNZCGP
2004 Lesley Yan, DipPaed Auck., MBChB Auck., BfnSc, MRNZCGP

Wellington Campus
Student Health and Counselling Centre Practice Manager
2016 Nicky McGeorge, PGDipMngt, Northumbria
Senior Counsellor
2009 Patricia Ford, BSc Cant., MCouns, MNZAC, RegdPsychotherapist
Counsellor
2014 Mark Pope, DipCBT EIT, DipTchg Cant., PGDipEd Well., MCouns, MNZAC

General Practitioners
2011 Caroline Hampton, DipObst, MBChB Otago
2012 Mary Hutchinson, MBChB Otago, PGDTravelMed Otago, FRNZCGP

International Student Support
Tautoko Tauira Manene
Auckland Campus
Team Leader, International Student Support
2003 Vivien Cheah, MEd
International Student Support Advisors
2006 Anita Albert
2016 Sindy Lee, BComm
2012 Adeline Yap, BSc, GradDipEcon
International Student Pastoral Care Advisor
2017 Merlyn Yin, BAcc

Manawatū Campus
Team Leader International Student Support (Pastoral Care)
2000 Sylvia Hooker, DipSport&Rec
International Students Support Officer
1990 Dianne Reilly, GradDipBusStuds, BA(Hons)
International Students Support Officers (Scholarships)
2017 Logan Tate, BIS
2011 Jamie Hooper, DipTchg, BA
International Students Support Officer (Administration)
2013 Tian Yang, BC

Wellington Campus
International Student Support
2002 Cherie Wu, BA Nankai, BA(Hons) Well., PGDipEd

Sport and Recreation Services
Te Whare Tapere
Auckland Campus
Operations Manager
2004 Richard Hollings, DipSpt&Rec AUT
Client Services Team Leader
2016 Millie McNie, BBS
Health and Fitness Team Leader
2017 Karl Pauhotaua, CertFitTrain AUT
Academy of Sport High Performance Co-ordinator
2017 Gabrielle Peach, BPhyED Otago
Clubs and Activities Officer
2017 Melanie Ng, CertPrsnlTrain, NZIHF

Wellington Campus
Recreation and Sport Manager
2009 David Driscoll, BSc, PGDipHLthSc Auck.

Gym Manager
2016 Kane Carter, BSpEx
Assistant Gym Manager
2016 Lydia Barrington, BSpEx

Student Life Services
Ngā Ratonga Tauira
Auckland Campus
Student Life Services Manager
Appointment pending
Student Life Services Administrator
2001 Karen Triggs, BA

Manawatū Campus
Pastoral Care Manager
2003 Mark Rainier, BA(Hon) P.Elizabeth, MA, MEd, HDE Rhodes, MNZPsS
Student Life Co-ordinator
Appointment pending

Wellington Campus
Student Life Services Manager
2013 Deborah Snelson, BSc(Hons) Edin., PGCE Camb., MSc Lond.
Student Life Services Team Leader
2016 James Collings, BBS
Student Life Coordinator
2009 Malgorzata Chalecka-Harris, GradDipArts, MEdcon Lazarski
Administrator Officer
2015 Dylan Barrow, BHLthSc

Wellness Services
Manawatū Campus
Wellness Services Manager
2007 Terry Rivers, BA, MS Idaho
Health and Counselling Services
Practice Manager
2004 Samantha Rullan, DipSW, BA(Hons)

Medical Director
2015 Jade S. Robertson, MBChB Auck., FRNZCGP
Counselling Team Leader
2008 David Coomber, DipTchg Cant., MusB Cant., UM Zvolle, MHSc AUT, PGCertPerfMusic The Hague, PGradDipHSc AUT, LTCL Lond., MNZPsS, MCTAA, RegdPsychotherapist

Senior Student Counsellor
2005 Angela Baker, MA, Reg Psych, MNZPsS
Student Counsellors
2015 Samantha Head, CertSupervision WelTec, DipCouns BCNZ, DipA&DStud WelTec, BCouns WelTec, PGradDipHSc Otago, MNZAC, DAPAANZ
2017 Ahmed Dahir Mohamed, BSc(Hons), GradDipTchng & Sprovs, PHD
2008 Nicky Rees, DipEvan, BCouns

Medical Officers
2014 Parteshma P. Chand, MBChB Otago, MRNZCGP
1988 Mark Morris, MBChB Otago, FRNZCGP
2017 Anthony Rea, BSc, MBBS, MPH, MRCP(UK), DTM(RCSF), FRCPI(Ed), FTCP(RCPs)

Principal Nurse
2016 Rita Maggon, RGN
Practice Nurses
2013 Rae Humard, RGN
2010 Roz Timms, RGN

Practice Administrator
2012 Leonie Campbell

Sport and Recreation Services
Assistant Manager
2000 Ron Werner, DipExSci UCOL.

Club and Activities Co-ordinator
2013 Orla Pettman, DipSp&RecMgmt CSN Ireland

High Performance Co-ordinator
2013 Tamara Scott-Valath, MMgmt

Sport Development Officer
2016 Kashif Shuja

Customer Service Officer
2006 Megan Blatchford-Peck

Team Leader - Client Services
2014 Linda Shailer, GradDipSc

Research Centres

Alpha-Massey Centre for Natural Nutraceutical Research
Director
1989 Harjinder Singh, MSc Ludhiana, PhD Cork, FRSNZ

AL Rae Centre for Genetics and Biology
Director
1976 Hugh T. Blair, B AgrSc(Hons), PhD

Centre for Additive Manufacturing
Director
2002 Johan Potgieter, MSc, PhD UND

Centre for Advanced Retail Studies
Director
2014 Jonathan Elms, BSc(Hons) Lanc., MSc Lanc., PhD Lanc.

Centre for Affective Design Research
Director
2000 Rodney Adank, MDes, DipID WP

Centre for Animal Welfare Science and Bioethics
Director
1988 David J. Mellor, ONZM, BSc(Hons) NE, PhD Edin., HonAssocRCVS Lond.

Centre for Energy Research
Director
1971 Ralph E. H. Sims, MSc N’cle (UK), CEng, FAgrE, FIPENZ

Centre for Ergonomics, Occupational Safety and Health
Director
1995 Stephen J. Legg, BSc(Hons), PhD, F ErgS, CNZ Erg
Centre of Excellence in Farm Business Management
Director
2012 Mark Williamson, MBA Well., DipWoolTech Lincoln

Centre for Language and Speech Processing
Director
2003 Ruili Wang, BE HUST, ME Northeastern, PhD Dublin

Centre for Mathematics in Industry
Director

Centre for Metabolic Health Research
Director
Appointment pending

Centre for Organisational Excellence Research
Director
1998 Robin S. Mann, MSc Warw., PhD Liv.

Centre for Parallel Computing
Director
2011 Daniel Playne, BSc(Hons), PhD

Centre for Postharvest and Refrigeration Research
Director
2010 Julian Heyes, BSc(Hons) Well., DPhil Oxf.

Centre for Precision Agriculture
Director
1997 Ian J. Yule, MSc, PhD N’cle (UK), CEng(UK)

Centre for Public Health Research
Director
2003 Jeroen Douwes, PhD Wagen.

Centre for Research in Mathematics Education (CoRME)
Co-Directors
1995 Glenda Anthony, DipTchg, LTCL, BSc(Hons), MPhil, PhD
2001 Margaret Walshaw, DipTchg, BSc Cant., MEdAdmin, PhD

Centre for Structural Biology
Director
1994 Geoffrey B. Jameson, BSc(Hons), PhD Cant., FNZIC, FRNSZ, FRNZ

Centre for Theoretical Chemistry and Physics
Director
2004 Peter A. Schwerdtfeger, MEng Aiden, MSc, PhD Stuttgart, Habilit. Marburg, FRNSZ, FNZIC, MAPS, MACS, MIAQMS

Engaged Social Science Hui Rangahau Tahi (eSocSci)
Director

EpiCentre
Director
Tim Carpenter, BA UCLA, MS UC Davis, PhD UC Davis

Equity Through Education
Director
Appointment pending

Fertiliser and Lime Research Centre
Director
1983 Mike J. Hedley, BSc(Hons) Leeds, PhD

Financial Education and Research Centre (Fin-Ed Centre)
Director
2012 Pushpa Wood, DipCommWithYouthDev, BA(Hons), MA Delhi, PhD Well.

Infectious Disease Research Centre
Director
2014 David T.S. Hayman, BVSc, MSc, PhD Camb., DipECZM

Executive Director
2011 Nigel P. French, BVSc, MSc, PhD Brist., DLSHTM, MRCVS, DipECVP, MNZIFST, FRNSZ

Innovative River Solutions
Co-Directors
1993 Russell G. Death, BSc(Hons), PhD Cant.
2003 Ian C. Fuller, BSc(Hons), PGCUTL Northumbria, PhD Wales

Joint Centre for Disaster Research
Director
2006 David Johnston, MSc Cant., PhD, MNinstD

Massey University and Beijing Language and Culture University Joint Research Centre in Applied Linguistics
Director
2014 David Johnston, MSc Cant., PhD, MNinstD

Massey University Working Dog Centre
Director
2000 Andrew J. Worth, BVSc, PhD, MACVS

New Zealand Biocarbon Research Centre
Co-Directors
2009 Marta Camps, BAgEng(Hons) Politenica de Catalunya, MSc, PhD UC Davis
1998 Jim Jones, BE(Hons) Cant., MSc Idaho, PhD Camb.

New Zealand Food Safety Science and Research Centre
Director
2004 Nigel P. French, BVSc, MSc, PhD Brist., DLSHTM, MRCVS, FRNSZ

New Zealand Life Cycle Management Centre
2010 Sarah McLaren, BSc(Hons) Leeds, MSc Tor., PhD Sar.

New Zealand Social Innovation and Entrepreneurship Research Centre
Director
2010 Anne de Bruin, MSc New Eng., PhD

Research Centre for Māori Health and Development
Director
1996 Chris Cunningham, BSc(Hons), PhD Well., MRSNZ

Riddet Institute
Directors
1989 Harjinder Singh, MSc Ludhiana, PhD Cork, FRNSZ
1983 Paul J. Moughan, BAgriSc(Hons), PhD, DSc, FRNSZ Riddett Institute (RC1)

Roof Water Harvesting Centre
Director
1985 Stan E. Abbott, DipMedMicro, DipHistopath, MSc

SHORE Social and Health Outcomes Research and Evaluation and Whariki Research Centre
Co-Directors
2002 Sally Casswell, PhD
2002 Helen Moewaka Barnes, MPH Auck., PhD
P. A. Sullivan, MSc, PhD Otago, FNZIC, FRSNZ
Margaret Tennant, MA, PhD
R. G. Thomas, BSc(Hons), PhD Lond.
Keith W. Thompson, CMG, MBE, BA NZ, MA, PhD Wash.
Russ W. Tillman, BSc(Hons) Cant., PhD.
R. J. Townsley, MAgrSc, PhD Iowa, FNZFSM
William E. Tunmer, BS, PhD Texas
P. L. van Moeoseke, GOL II OL, BSc(Hons), ME Ghent, LIC Louvain, MS Iowa, MA, PhD Yale
J. A. Veale, JP, MSc NZ, PhD Lond., DIC MBIol, AHIRH
Antonios (Tony) Vitalis, BA(Hons) Open, DMS, MSc, PhD Lond., CEng, MIMechE, MERGS

Past Officers and Members of the Council

Chairmen of the Council
The Hon. Sir George Fowlds, CBE 1927–1934
Sir William Perry 1934–1935
Sir Thomas Hunter, KBE 1936–1938
Arthur Morton 1938–1942
G. Grey Campbell 1943
Ronald A. Candy, OBE 1944–1946
A. E. Mansford, CBE 1947
Walter V. Dyer, CBE 1947–1959

Chancellors
John C. Andrews, MSc, PhD, FRIC, FNZIC 1963–1966
The Hon. Les W. Gandar, JP, BSc 1970–1975
Lindsay R. Wallace, CBE, MAgrSc NZ, PhD Cant., FNZIAS, FRNSNZ 1981–1984
J. Douglas Easton, DipAg 1985–1990
Morva O. Croxton, CBE, BMus Auck., MPhil, FTCL, LRSM, DipTchg, LGSM, HonDLitt 1999–2002
Russell Ballard, CNZM, BAgrSc, PhD Fltr., FNZIM 2009–2013
Chris Kelly, ONZM, MVSc, MACVSc 2013–2016
Michael Ahie, BBS(Hons) 2016–

Vice-Chancellors
Professor Sir Geoffrey S. Peren, KBE, Croix de Guerre, BSA Toronto, HonDSc, (Principal) 1928–1958
Professor Sir Alan Stewart, KBE, MAgrSc, DPhil Oxf., HonDSc 1959–1983
Sir Neil Waters, MSc, PhD NZ, DSc Auck., FANZAAS, FNZIC, FRNSNZ, HonDSc East Asia, HonDSc 1984–1995
Professor James McWha, BSc, BAgr(Hons) Belf., PhD Glas., MNZIAS, MISHS, MNZSHS, LMASPP 1996–2002
Professor Judith F. Kinnear, BEd La Trobe, GradDipComputerSim Swinburne UT, MSc, PhD Melb. 2003–2008
The Hon. Steve Maharey, CNZM, BA, MA 2008–2016
Professor Jan Thomas, BSc Murl., BVMS Murl., MVS Melb., PhD Murl., MACVSc, FAICD, FAIM 2017–

Members of the Council
R. A. Rodger appointed 1927, retired 1928
Sir Jas G. Wilson appointed 1927, died 1929
The Hon. Sir George Fowlds, CBE appointed 1927, died 1934
Sir Thomas Hunter, KBE appointed 1927, retired 1938
Norton Francis, CMG appointed 1927, retired 1939
H. B. Stuckey appointed 1927, retired 1939
T. U. Wells appointed 1927, retired 1942

Graeme C. Wake, PhD, DSc Well., CMath, FIMA, FNZMS, FRSNZ
Sir Neil Waters, MSc, PhD NZ, DSc Auck., Hon DSc East Asia, HonDLitt, FNZIC, FRNSNZ
Lady Joyce Waters, MSc, PhD NZ, FRNSNZ, FNZIC
B. R. Watkin, MAgrSc NZ, PhD Lond.
Ian D. Watson, MSc NZ, PhD Otago, FNZIC
Ian J. Warrington, CNZM, MHortSc, DSc, Hon DLitt, FRNSNZ, FNZSHS
D. M. West, BVS, PhD, FACVSc
A. Williams, BA(Hons) Wales, MA Auck., PhD, AAMI (NZ)
Norman B. Williamson, MVSc Melb., MACVSc, DipACT
Peter R. Wilson BVSc, PhD, MANZCVSc
Ray J. Winger, MS, PhD, Wisc., FNZIFST, FIFST UK, MAIFST

P. Levi appointed 1927, retired 1941
Arthur Morton appointed 1927, retired 1944
Sir William Perry appointed 1929, retired 1935
J. D. Hall appointed 1929, retired 1936
S. Irwin Crookes appointed 1934, retired 1935
L. H. Collinson (co-opted member) appointed 1935, died 1959
O. Monrad (co-opted member) appointed 1935, died 1959
A. E. Mansford, OBE appointed 1936, retired 1947
G. Grey Campbell appointed 1936, retired 1944
R. A. Candy, OBE appointed 1937, retired 1946
Sir Matthew Oram appointed 1938, retired 1950
H. M. Christie appointed 1939, retired 1944
P. Kearins Jr. appointed 1939, retired 1946
W. P. Rollings appointed 1941, died 1943
Sir G. Douglas Robb appointed 1942, retired 1947
Walter V. Dyer, CBE appointed 1943, retired 1961
G. A. Hansen appointed 1944, retired 1948
A. K. Turner, MA, LLB appointed 1944, retired 1953
Ormond Wilson appointed 1945, retired 1950
L. J. Wild, CBE, BSc, MA appointed 1947, retired 1954
H. E. Annett, OBE, BAgrSc, DSc appointed 1947, retired 1960
V. J. Chapman, PhD appointed 1948, retired 1962
K. G. Chamberlain appointed 1949, retired 1950
W. A. Jacques, BSc appointed 1949, retired 1951
A. S. Ashmore appointed 1949, retired 1953
C. P. McMeekan, CBE, BAgrSc, PhD, HonDSc appointed 1949, retired 1959
Sir Duncan Stout, CBE, DSO, FRCS, MS, HonLD appointed 1950, retired 1963
A. J. Hastie, ED appointed 1950, retired 1956
J. A. Colquhoun, OBE, MSc appointed 1951, retired 1964
J. H. Tetley, MAgrSc, DSc appointed 1952, retired 1959
E. D. Holt, JP appointed 1953, died 1966
J. C. Andrews, MSc, PhD, FRIC, FNZIC appointed 1954, retired 1959
A. A. Johnson, DipAg appointed 1957, retired 1962
Sir Alan Stewart, KBE, MAgrSc, DPhilip, FNZIAS, HonDSc appointed 1959, retired 1983
F. G. Spurde, MA, DipEd, PhD appointed 1959, retired 1962
O. Conibear appointed 1960, retired 1974
L. R. Wallace, CBE, MAgrSc NZ, PhD Cant., Hon DSc, FNZIAS, FRNSNZ appointed 1960, retired 1984
H. B. Low, MA, PhD appointed 1960, retired 1986
C. V. Fife, MSc, PhD, ANZIC appointed 1961, retired 1983
Delise T. Spring, OBE, JP, FCA
L. Corkill, CBE, MAgrSc, DSc
Keith W. Thomson, CMG, MBE, MA, PhD
A. T. Johns, CBE, MSc, PhD, HonDSc, FNZIC, FRNZIC, FNZIAS
J. N. Hodgson, BAgSc
W. A. McGillivray, JP, MSc, PhD, DSc, FRNZIC, FNZIAS
Waana Morrell Davis

J. P. Kerr, MAgrSc, PhD BSc, FNZIAS
Win Rockell, JP, BSc
J. Dunmore, Chl. Hon., JP, BA(Hons) Lond., PhD NZ, AIB
Andrew Bush, BTech(Hons)
Margaret Millard
P. R. Shepherd, BSc(Hons)
J. J. Stewart, MBE, DipAgr, BA
Paul W. Rieger, QSO, JP
F. McLaughlin
A. J. Gluckman, DipEdAdmin, BA, BSc NZ, MSc Auck.
W. A. G. Charleston, BVS, PhD Brst., MRCVS, MACVSc
B. Cameron
J. C. Davis, MA Manc., FRHistS
Ken S. Milne, PhD Calif., MAgrSc, FNZSHS, AHRIH
N. A. Morris
Adam Greenwell (Coyle)
D. J. Craven
Morva O. Crosson, CBE, DipTchg, BMus Auck., MPhil, FTCL, LRSM, LGSM, HonDlitt
A. N. Macgregor, MSc Otago, PhD C'nell
E. Te R. Tauroa, CMG, BAgSci
Martin I. Carroll, BSW
Bronwyn A. Monopoli, BAgSci, BBS, ACA
Sir James Graham, CMG, HonDSc
Sir Mason H. Darie, NZM, MBChB Otago, DPsych McGill, DLitt, HonLJD Otago, FRANZCP, FRSNZ
C. W. Short
L. M. Ducat
S. Collett, BSc
Richard P. Corballis, MA Cant., PhD S'lon
E. R. Murchie, QSO, DipTchg, BA, Hon LLD
Linus Opara, PhD
William J. Tither, BBS, ACA
Maurice Cheer
N. Coffey, BSc
M. C. Campbell, BA Macq.
James A. McWha, BSc, BA(Hons) Belf., PhD Glax

M. C. Thomson, BA(Hons), MA Well.
B. Williams
S. Murray, DipRehab, BA(SocSci)
P. Rooney
A. Shadrake, MPhil
J. H. McGregor, BA Waik., LLB Well., PGDipLS Auck., PhD
K. A. Rifle
P. Hobson
D. Sutcliffe, BCom Well.
M. C. Thomson, BA(Hons), MA Well.
B. Wood, MA, PhD Harv.
W. H. M. Kiddie, LLB Well., BEd
K. Martin
C. Blake, CNZM, DipAgr
E. Hawes, BA
B. Adin, DipEd, BA
Nigel J. Gould, JP, BCA Well., FCA
M. Davies
H. Potter, BA, BA(Hons)
Jack Dowds, BSc(Hons) Belf., MBA Ulster, PhD, FCIS, FCCM
appointed 2001, retired 2004
J. G. Todd, CBE, BCom Well., FCA
appointed 2001, retired 2005
H. Welton
appointed 2002, retired 2002
Rt Rev. Bishop Wakahauhuhi Vereco, MBE, PCNZM, L-Th. DipSS Aotearoa
appointed 2002, retired 2004
Judith F. Kinmear, BEd La Trobe, GradDipComputerSim Swinburne UT, MSc, PhD Melb., FLIS
appointed 2003, retired 2008
John A. Codd, DipEd, DipTchg, MA, PhD
appointed 2003, retired 2005
Andrea L. Davies, BBS, MBA
appointed 2003, retired 2010
E. Gordon, MA, PhD
appointed 2003, retired 2006
R. (Dick) Hubbard, ONZM, BTech, Hon DoC, FNZIFST, FNZIM
appointed 2003, retired 2006
B. Tipene-Hook, BHhSc
appointed 2003, retired 2010
Antonios (Tony) Vitalis, BA(Hons) Open, DMS, MSc, PhD Lond., CEng(UK), MIMech, MEngS
appointed 2003, retired 2006

The Hon. Justice Stephen Kós, QC, LLB(Hons)
appointed 2004, resigned 2011
Allison Paterson, CNZM, QSO, DCom, FCA, ADinstFoD FIoA
appointed 2004, retired 2013
Russell Ballard, CNZM, BAgSc, MAgrSc, PhD Flor., FNZIM
appointed 2005, retired 2015
Ian Galloway
appointed 2005, retired 2005
Chris Kelly, ONZM, MVSc, MACVSc
appointed 2005, retired 2016
Sir Ngatata Love, GNZM, JP, BCom, BCA(Hons), PhD Well., ACIS, ANZIM
appointed 2005 resigned 2012
Mavis Mullins, MBA
appointed 2005, retired 2009
Sylvia Rumble, CNZM, ONZM, MSc NZ, PhD Auck., FNZIC
appointed 2005, retired 2008
J. Clark
appointed 2006, retired 2006
Ray J. Winger, MS, PhD Wisc., FNZIFST, FIFST UK, MAIFST
appointed 2006, retired 2010
Colin Anderson, MA Auck., PhD Auck.
appointed 2007, retired 2010
Susan Baragwanath, BA Otago, MA Lond., HonDLitt, DipEd FRGS
appointed 2007, retired 2010
P. Fallowon, BSc
appointed 2007, retired 2007
Veronica Tawhai, BA, MA
appointed 2007, retired 2008

The Hon. Steve Maharey, CNZM, BA, MA
appointed 2008, retired 2016
Anthony Signal, BSc, PhD Adel.
appointed 2009, resigned 2014
Karle Pearce, BSW(Hons)
appointed 2009, retired 2010
Alexandria Sorensen
appointed 2009, retired 2009
Alastair Scott, BBS
appointed 2009 resigned 2014
Tiri Porter, BBS
appointed 2010, retired 2013
Rawa Karetai
appointed 2010, retired 2010
Cynthia White, DipTESL, BA(Hons), Well., PhD
appointed 2010, retired 2015
Kura Dunness, MBA
appointed 2010, retired 2015
Leslie Whyte, JP, MBA
appointed 2010, retired 2015
Fiona Coote, GradDipBusStuds, DipArts
appointed 2010, retired 2015
Grant Duncan, MA, PhD Auck.
appointed 2010, retired 2015
Kent Garry, BEng(Hons)
appointed 2011, retired 2011
Ben Vanderkolk, LLB Cant.
appointed 2011
Ben Thorpe
appointed 2012, retired 2013
Michael Ahie, BBS(Hons)
appointed 2013
Nitha Erueiti-Satish
appointed 2013, retired 2015
Rebekah Walker
appointed 2013, retired 2013

Colin Harvey, ONZM, BAgSc, BCC Auck.
appointed 2013
Liam Tait
appointed 2014, retired 2015
Helen Anderson, QSO, PhD Cant., CRSNZ, FInstD
appointed 2015
Ian Marshall, BCom Natal, CANZ, CASA
appointed 2015
Jacqui Hofmann, BA Well., GDipInfSc
appointed 2016
Carl Worker, MA Ox.
appointed 2016
Gaven Martin, BSc(Hons), MSc, PhD Mich., FRSNZ, FAMS, FNZMS
appointed 2016
David McNab, BBS, FInstD
appointed 2016
Professor Jan Thomas, BSc Murdoch, BVMS Murdoch, MVS Melb., PhD Murd., MACVS, FAICD, FAIM
appointed 2017
Tina Wilson, BBS, BA
appointed 2016

Co-opted Members
R. D. Anderson 1968
G. E. T. Taylor 1969
G. R. Emms 1970
D. J. R. Lee 1971–72
A. C. Carrick 1972–73
B. Gilchrist 1973–74
M. Hickey 1975
D. K. Stewart 1976
B. Beetham 1996–1997

Honorary Graduates

1964
Walter Verran Dyer  Doctor of Science
George Conrad Petersen  Doctor of Literature
Norman Hargrave Taylor  Doctor of Science

1966
Francis William Dry  Doctor of Science
Campbell Percy McMeekan  Doctor of Science

1968
Roland Alan Candy, OBE  Doctor of Science
John Francis Filmer  Doctor of Science

1971
William Maxwell Hamilton  Doctor of Science
William Blair Tennent, OBE  Doctor of Science

1972
Malcolm McGregor Cooper, CBE  Doctor of Science
Sir John Davies Ormond, Kt BEM  Doctor of Science

1976
Eliza Amy Hodgson  Doctor of Science

1977
Alfred Lawrence Friis  Doctor of Science
Hon. Leslie Walter Gandar  Doctor of Science
Eric Mervyn Ojala  Doctor of Science
Sir Geoffrey Sylvester Peren, KBE  Doctor of Science

1979
Lewis William Newlands Fitch, CMG  Doctor of Science

1981
Rt Hon. Brian Edward Talboys  Doctor of Science

1982
Frederick Reed Alan Hellaby  Doctor of Science

1984
Sir Alan Stewart, KBE  Doctor of Science

1985
Alan Tutton Johns  Doctor of Science

MASSEY UNIVERSITY 2018 CALENDAR 55
1986
Lindsay Russell Wallace  Doctor of Science

1988
Lauris Dorothy Edmond  Doctor of Literature
William Joseph Pryor  Doctor of Science

1989
Clifford Hugh Greenfield Irvine  Doctor of Science

1990
Sir James Thompson Graham  Doctor of Science
Tukawekai Kereama  Doctor of Literature

1991
John Douglas Easton  Doctor of Science
Robert Stewart Lockwood  Doctor of Science
Roger Essex Burchall Peren  Doctor of Literature
Sir Arthur Hugh Ward  Doctor of Science

1992
Roy Allan McKenzie, KBE  Donald Vincent Merton  Doctor of Science

1993
Joy Cowley, OBE  Doctor of Literature
Ephra Garret  Doctor of Literature
Bok Yong Kim  Doctor of Science
Dame Malvina Major, DBE  Doctor of Literature
Campbell Reid  Doctor of Science
Sir Roderick Weir  Doctor of Science

1994
Joan Majorie Dingley  Doctor of Science
Brian George Conway Elwood  Joan Wiffen  Doctor of Science

1995
David Raymond Levene, OBE  Philip Seabrook Yates  Doctor of Science

1996
Kevin William Low  Doctor of Science
Samuel Darragh McGredy  Doctor of Science
Sir Thomas Neil Morris, CBE  Doctor of Science
Cliff Whiting  Doctor of Literature
John Rolan Williams  Doctor of Commerce

1997
Jane Hunter, CNZM  Doctor of Science

1998
Hon Justice Hugh Williams  Doctor of Literature

1999
Sir Peter Blake, OBE  Doctor of Literature
Hon Justice Eddie Durie  Doctor of Literature
Michael Houston, CNZM  Doctor of Literature
Dick Hubbard  Doctor of Science
James Garfield Johnson  Doctor of Literature

2000
Sir Patrick Goodman  Doctor of Science
Kevin Ireland  Doctor of Literature
Air Commodore Stuart McIntyre, CBE, OBE, DFC  Doctor of Commerce
William Hosking Oliver, CBE  Doctor of Literature
Major General Piers Martin Reid, CBEDoctor of Literature
Sir Dryden Spring  Doctor of Science

2001
Geoffrey Page  Doctor of Science
Ian Warrington, CNZM  Doctor of Literature

2002
His Majesty King Bhumibol Adulyadej, King of Thailand  Doctor of Science
Rt Hon. James Brendon Bolger  Doctor of Literature
John Drawbridge  Doctor of Literature
Emeritus Professor Alan Russell  Doctor of Science
Frampton  Doctor of Literature
Peter Hubscher  Doctor of Science
Tom Scott  Doctor of Literature
Don Charles Selwyn  Doctor of Science
Sir Stephen Tindall, KNZM  Doctor of Commerce

2003
Kate Coolahan  Doctor of Literature
Morva Otwyn Croxson  Doctor of Science
C. Wayne McIlwraith  Doctor of Science
Jock Macmillian  Doctor of Science
Dr John Reid  Doctor of Science

2004
Warren Larsen  Doctor of Science
James Alexander McWha  Doctor of Science
Ian Douglas Watson  Doctor of Science

2005
James Bull  Doctor of Science
Susan Joan Baragwanath  Doctor of Literature
Rodger Dennis Fox  Doctor of Music
Elwyn Stuart Richardson  Doctor of Literature

2006
Geoffrey Laurence Baylis  Doctor of Literature
John Dunmore  Doctor of Literature

2007
Paul Hugh Dibble  Doctor of Fine Arts
Peter George Snell, KNZM, OBE  Doctor of Science
Sir Tumu Te Heuheu Tukino VIII,  Doctor of Literature

2008
Dame Margaret Clara Bazley, ONZ  Doctor of Literature
Grant Michael Norman Davidson  Doctor of Science
David John Russell, QSO  Doctor of Commerce

2009
Alison Mae Paterson, ONZM, CNZM  Doctor of Commerce
Turoa Kiniwe Royal, CNZM  Doctor of Literature
Donald Harvey Turner  Doctor of Science

2010
Donald Robert Bewley  Doctor of Literature
Sir Paul Terrance Callaghan, GNZM  Doctor of Science
Bronwyn Anne Monopoli, MBE  Doctor of Commerce
Nigel James Gould, ONZM  Doctor of Commerce
Peter Joseph McLeavey, ONZM  Doctor of Fine Arts

2011
Jeremiah (Jerry) Mateparae, GNZM, ONZM  Doctor of Literature
Kate Elizabeth Sylvester  Doctor of Fine Arts
Richard Leslie Taylor, KNZM, ONZMDoctor of Fine Arts
Ian Campbell Templeton, CNZM, OBEDoctor of Literature

2012
Alan Esmond Bollard, CNZM  Doctor of Commerce
Mervyn Wilkinson Hancock  Doctor of Literature
Horace Romano (Rom) Harré,  Doctor of Literature
Ivan Augustine Snook  Doctor of Literature

2013
Donald George McLaren  Doctor of Science
### Massey Medal Recipients

#### 1990
- Alexander (Al) Rae
- Julia Wallace

#### 1992
- Ella Orr Campbell

#### 1993
- Janet Mary (Molly) Atkinson
- Richard Dean Batt
- Ian Lorne Campbell
- John Dunmore
- Janet Frame
- Winifred Whiteoak (Win) Rockell
- Keith Westhead Thomson

#### 1994
- Dorothy McKegg
- Harold Jeffrey (Pat) Whitwell

#### 1995
- John Alexander Lowbridge Bennett
- Mervyn Thomas Dearsly

#### 1996
- Ian Alistair Gordon
- Joyce Mary Waters

#### 1998
- Mina McKenzie
- Robert Neale

#### 1999
- Mervyn Hancock
- John J. Stewart

#### 2000
- Devon Sutcliffe

#### 2002
- Ian Roderick Matheson, QSM
- Nola Mary Simspson
- Mary Sinclair Skipworth

#### 2003
- Ross Findlayson

#### 2004
- Gordon Churchill Davies
- Ian Andrew Wilson

#### 2005
- Paul Warren Rieger

#### 2008
- Noel William Johnson

#### 2011
- Eric Desmond (Des) Fielden, ONZM

#### 2012
- Martin Verstegen
- Mariet Verstegen-Spiertz

#### 2014
- Mary Earle
- Richard Laurence Earle, ONZM
- Roger Stewart Morris, CNZM

#### 2017
- Lucy Elizabeth Marsden, BA(Hons)
- Barrie Macdonald, BA(Hons) Well., PhD, ANU

#### Massey University Veterinary 50-year Anniversary Medal celebrating 50 years of Veterinary Teaching at Massey University

#### 2013
- Arthur Neil Bruère
- Robert D Jolly
- Christopher Kelly
- Norman Williamson
# KEY DATES 2018 – STUDENT AND ADMINISTRATIVE CALENDAR

**NGĀ TINO RĀ – MARAMATAKA MĀ NGĀ TAUIRA ME TE WHAKAHAERE**

## Student Calendar

For start and end dates of semesters and mid-semester breaks, students should check course and programme details on the Massey website as some programmes of study do not follow the dates given here. Selected individual programme dates are provided following the Diary of Key Dates.

### 2017

<table>
<thead>
<tr>
<th>October 2017</th>
<th></th>
<th>Administrative Calendar and Statutory Holidays</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Course enrolment opens for 2018 academic year (unless otherwise stated for programmes requiring selected entry).****</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Applications for University Halls of Residence and Apartments submitted by this date will be included in the first round of offers for 2018.</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Final date for international student applications to Air Transport Pilot programme selection.</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Due date for all new international students to apply for admission and enrolment in Semester One or Double Semester 2018 conditional upon availability of remaining places.*</td>
<td></td>
</tr>
</tbody>
</table>

### November 2017

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Final date for domestic student applications to Air Transport Pilot programme selection.</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Summer School commences.</td>
<td></td>
</tr>
</tbody>
</table>

### December 2017

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Final date for applications to Teaching programme selection.</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Semester Two and Double Semester examination results notified about this date.</td>
<td></td>
</tr>
</tbody>
</table>

### 2018

<table>
<thead>
<tr>
<th>January 2018</th>
<th></th>
<th>January 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Reporting in Person for Summer School January-February classes if required.</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Summer School re-commences.</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Due date for domestic and returning international students to apply for admission for study commencing in Semester One or Double Semester 2018, conditional on availability of remaining places.*</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Due date for all Transfer of Academic Credit/Cross Credit applications related to commencing study in Semester One.**</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Final date for withdrawal of application for accommodation in University Halls of Residence (Manawatū and Wellington) without forfeit of deposit.</td>
<td></td>
</tr>
</tbody>
</table>

### February 2018

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Final date for applications to graduate at the Auckland ceremony.</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Final day of Summer School lectures.</td>
<td></td>
</tr>
<tr>
<td>7–9</td>
<td>Study Break.</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Due date for students to apply for course enrolment in Semester One or Double Semester 2018, conditional on availability of remaining places.*</td>
<td></td>
</tr>
<tr>
<td>12–17</td>
<td>Summer School examinations.</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Summer School concludes.</td>
<td></td>
</tr>
<tr>
<td>19–23</td>
<td>Campus and College pre-semester activities, including reporting in person and welcome sessions.</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Dispatch of Semester One and Double Semester distance material (where relevant) normally completed for those who enrol on time.</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Semester One and Double Semester commences.</td>
<td></td>
</tr>
</tbody>
</table>

*NB: Dates provided below for Academic Board and University Council are tentative only and could be subject to change.*

*Non-refundable deposit if paid in mid-November.*

**Non-refundable deposit if paid in mid-December.*

---

**Waitangi Day**
### Student Calendar

<table>
<thead>
<tr>
<th>March</th>
<th>Administrative Calendar and Statutory Holidays</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 March</td>
<td>University Council meets.</td>
</tr>
<tr>
<td>1 March</td>
<td>Academic Committee meets.</td>
</tr>
<tr>
<td>12 March</td>
<td>Summer School results notified about this date.</td>
</tr>
<tr>
<td>15 March</td>
<td>Final date for applications for Veterinary and Vet Tech programmes selection.</td>
</tr>
<tr>
<td>31 March</td>
<td>Final date for payment of outstanding fees for Semester One and Double Semester courses.</td>
</tr>
<tr>
<td>30 March–13 April</td>
<td>Mid-Semester One break (study and field trips, internal; distance learning (extramural) contact workshops).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>April</th>
<th>Administrative Calendar and Statutory Holidays</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 April</td>
<td>Academic Committee meets.</td>
</tr>
<tr>
<td>9 April</td>
<td>Academic Committee meets.</td>
</tr>
<tr>
<td>4–13 April</td>
<td>Conferences at the Manawatū campus.</td>
</tr>
<tr>
<td>18 April</td>
<td>Academic Board meets.</td>
</tr>
<tr>
<td>17–19 May</td>
<td>Graduation ceremonies, Palmerston North.</td>
</tr>
<tr>
<td>25 May</td>
<td>ANZAC Day.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>May</th>
<th>Administrative Calendar and Statutory Holidays</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 May</td>
<td>Deadline for submission of Academic Proposals for CUAP Round One.</td>
</tr>
<tr>
<td>3 May</td>
<td>University Council meets.</td>
</tr>
<tr>
<td>7 May</td>
<td>Academic Committee meets.</td>
</tr>
<tr>
<td>14–17 May</td>
<td>Graduation – Palmerston North.</td>
</tr>
<tr>
<td>31 May–1 June</td>
<td>Graduation – Wellington.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>June</th>
<th>Administrative Calendar and Statutory Holidays</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 June</td>
<td>Celebration to honour Māori and Pasifika graduates, Wellington.</td>
</tr>
<tr>
<td>1 June</td>
<td>Final day of Semester One lectures.</td>
</tr>
<tr>
<td>5–8 June</td>
<td>Study break.</td>
</tr>
<tr>
<td>11–23 June</td>
<td>Semester One examinations.</td>
</tr>
<tr>
<td>18 June</td>
<td>Due date for domestic and returning international students to apply for admission for study commencing in Semester Two 2018 conditional on availability of remaining places.*</td>
</tr>
<tr>
<td>18 June</td>
<td>Due date for all Transfer of Academic Credit/Cross Credit applications related to commencing study in Semester Two.**</td>
</tr>
<tr>
<td>23 June</td>
<td>Semester One concludes.</td>
</tr>
<tr>
<td>25 June–13 July</td>
<td>Mid-year break (Distance learning [extramural] campus courses).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>July</th>
<th>Administrative Calendar and Statutory Holidays</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 July</td>
<td>Due date for returning students to apply for course enrolment in Semester Two 2018, conditional on availability of remaining places.*</td>
</tr>
<tr>
<td>2 July</td>
<td>Course Guides normally available on Stream for Semester Two courses.</td>
</tr>
<tr>
<td>11 July</td>
<td>Dispatch of Semester Two material (where relevant) normally completed for those who enrol on time.</td>
</tr>
<tr>
<td>12 July</td>
<td>Semester One examination results notified about this date.</td>
</tr>
<tr>
<td>13 July</td>
<td>Reporting in Person all campuses if required.</td>
</tr>
<tr>
<td>16 July</td>
<td>Semester Two commences.</td>
</tr>
<tr>
<td>20 July</td>
<td>Final date for students to add a Semester Two course online conditional on availability of remaining places.***</td>
</tr>
<tr>
<td>31 July</td>
<td>Final date for payment of outstanding fees for Semester Two courses.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>August</th>
<th>Administrative Calendar and Statutory Holidays</th>
</tr>
</thead>
<tbody>
<tr>
<td>27 August–7 September</td>
<td>Mid-Semester Two break (study and field trips, internal; distance learning (extramural) contact workshops).</td>
</tr>
</tbody>
</table>
### Student Calendar

<table>
<thead>
<tr>
<th>Month</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>September</strong></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Final date for applications to graduate at the Palmerston North November ceremony.</td>
</tr>
<tr>
<td>10</td>
<td>Semester Two resumes.</td>
</tr>
<tr>
<td><strong>October</strong></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Course enrolment opens for 2019 academic year (unless otherwise stated for programmes requiring selected entry).</td>
</tr>
<tr>
<td>1</td>
<td>Applications for University Halls of Residence and Apartments submitted by this date will be included in the first round of offers for 2019.</td>
</tr>
<tr>
<td>19</td>
<td>Final day of Semester Two lectures.</td>
</tr>
<tr>
<td>23–26</td>
<td>Study break.</td>
</tr>
<tr>
<td>29 October–14 November</td>
<td>Examinations for Semester Two and Double Semester courses.</td>
</tr>
<tr>
<td>31</td>
<td>Due date for all New International students to apply for admission and enrolment in Semester One and Double Semester 2019 conditional upon availability of remaining places.*</td>
</tr>
<tr>
<td>31</td>
<td>Due date for all Transfer of Academic Credit/Cross Credit for all applications for new students who intend to commence study in Summer School.**</td>
</tr>
<tr>
<td><strong>November</strong></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Due date for all new students to apply for admission for study commencing in Summer School 2018, conditional on availability of remaining places.*</td>
</tr>
<tr>
<td>5</td>
<td>Course Guides normally available on Stream for Summer School courses.</td>
</tr>
<tr>
<td>7</td>
<td>Due date for students to apply for course enrolment in Summer School 2018, conditional on availability of remaining places.***</td>
</tr>
<tr>
<td>12</td>
<td>Dispatch of Summer School distance material (where relevant) normally completed for those who enrol on time.</td>
</tr>
<tr>
<td>14</td>
<td>Semester Two and Double Semester ends.</td>
</tr>
<tr>
<td>19</td>
<td>Summer School commences.</td>
</tr>
<tr>
<td>23</td>
<td>Final date for students to add a Summer School course online, conditional on availability of remaining places.***</td>
</tr>
<tr>
<td>30</td>
<td>Graduation ceremonies, Palmerston North.</td>
</tr>
<tr>
<td><strong>December</strong></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Final date for payment of outstanding fees for Summer School courses.</td>
</tr>
<tr>
<td>13</td>
<td>Semester Two and Double Semester examination results notified about this date.</td>
</tr>
<tr>
<td>21</td>
<td>Last day of Summer School lectures for 2018.</td>
</tr>
<tr>
<td><strong>2019</strong></td>
<td></td>
</tr>
<tr>
<td><strong>January 2019</strong></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Summer School resumes.</td>
</tr>
<tr>
<td><strong>February</strong></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Final day of Summer School lectures.</td>
</tr>
<tr>
<td>11–16</td>
<td>Summer School Examinations.</td>
</tr>
<tr>
<td>16</td>
<td>Summer School concludes.</td>
</tr>
</tbody>
</table>

### Administrative Calendar and Statutory Holidays

<table>
<thead>
<tr>
<th>Month</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>September</strong></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Deadline for submission of Academic Proposals for CUAP Round Two.</td>
</tr>
<tr>
<td>6</td>
<td>University Council meets.</td>
</tr>
<tr>
<td>10</td>
<td>Academic Committee meets.</td>
</tr>
<tr>
<td>19</td>
<td>Academic Board meets.</td>
</tr>
<tr>
<td><strong>October</strong></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Academic Committee meets.</td>
</tr>
<tr>
<td>17</td>
<td>Academic Board meets.</td>
</tr>
<tr>
<td>22</td>
<td>Labour Day.</td>
</tr>
<tr>
<td><strong>November</strong></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>University Council meets.</td>
</tr>
<tr>
<td>12</td>
<td>Academic Committee meets.</td>
</tr>
<tr>
<td>21</td>
<td>Academic Board meets.</td>
</tr>
<tr>
<td>30</td>
<td>Graduation – Palmerston North.</td>
</tr>
<tr>
<td><strong>December</strong></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>University Council meets.</td>
</tr>
<tr>
<td>10</td>
<td>Academic Committee meets.</td>
</tr>
<tr>
<td>21</td>
<td>University closes at 5pm.</td>
</tr>
<tr>
<td><strong>2019</strong></td>
<td></td>
</tr>
<tr>
<td><strong>January 2019</strong></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>University re-opens.</td>
</tr>
<tr>
<td>21</td>
<td>Wellington Anniversary Day Holiday, Manawatū campus and Wellington campus.</td>
</tr>
<tr>
<td>28</td>
<td>Auckland Anniversary Day Holiday, Auckland campus.</td>
</tr>
<tr>
<td><strong>February</strong></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Waitangi Day.</td>
</tr>
<tr>
<td>11</td>
<td>Academic Committee meets</td>
</tr>
<tr>
<td>27</td>
<td>Academic Board meets</td>
</tr>
</tbody>
</table>

* Applications will be accepted after the due date; however, that may mean students cannot be accepted into their preferred courses in the next Semester.
** Applications will be accepted after the due date; however, they may not be processed in time for Semester start.
*** Applications can be made after this date but will require Academic approval.
<table>
<thead>
<tr>
<th>University-wide</th>
<th>Institute of Education</th>
<th>School of Māori Art, Knowledge and Education</th>
<th>School of Aviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester Dates</td>
<td>PGDip Educational Psychology (Internship) Master of Counselling Studies</td>
<td>PGDip/PGCert and Master of Specialist Teaching Graduate Diploma of Teaching (Primary) (Secondary) (ECE) Master Teaching and Learning</td>
<td>Te Aho Tātairangi and Te Aho Paerewa</td>
</tr>
<tr>
<td>Semester One Begins</td>
<td>26 February PGDipEd Psych 30 January MCounsStuds 13 February</td>
<td>13 February 24 January except GradDipTchg (ECE) 27 January</td>
<td>29 January New Intake (Pohiri compulsory) 28 January</td>
</tr>
<tr>
<td>Mid Semester One Break (incl Easter)</td>
<td>30 March - 13 April 30 March - 13 April 30 March - 13 April 2 - 13 April</td>
<td>Good Friday 30 March - 3 April</td>
<td></td>
</tr>
<tr>
<td>Semester One Ends</td>
<td>23 June 24 June 25 June 30 June 30 June 29 June</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Semester Two Begins</td>
<td>16 July 16 July 3 July 16 July 16 July</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mid Semester Two Break</td>
<td>27 Aug - 7 Sep 27 Aug - 7 Sep 27 Aug - 7 Sep 29 Sep - 13 Oct except GradDipTchg (ECE): 9 - 13 Oct 24 Sep - 5 Oct 27 Aug - 7 Sep</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Semester Two Ends</td>
<td>14 November 14 November 14 November GradDipTchg (Secondary) and (ECE): 15 Nov GradDipTchg (Primary): 1 Dec MTchgLn: 8 Dec 14 November 21 December</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Admission Regulations

1. Every applicant must complete enrolment requirements which include submission of an Admission Application, written acceptance of an Offer of Place in a qualification [unless waived in writing by the University], submission of an Enrolment Application and acceptance of an Offer of Enrolment. Applicants returning to enrol in the same qualification submit an Enrolment Application and accept an Offer of Enrolment each academic year.

2. Admission Applications normally proceed directly to an Offer of Place in a qualification unless withdrawn by the applicants in writing or unless the approvals required from the University are not obtained.

3. Admission may be granted conditionally in the case of students who have not yet met the requirements for entry to University or to a specific qualification. At the appropriate time prior to the commencement of an enrolment period the University initiates offers of places in programmes in response to Admission Applications.

4. Applicants who intend to enrol for tuition in an imminent enrolment period in a new qualification should submit an Admission Application and accept an Offer of Place in a qualification if granted.

5. The final dates by which Enrolment Applications must be made are specified in the Enrolment Regulations.

6. Admission to Massey University does not constitute entitlement to be enrolled for tuition in any particular qualification or enrolment period.

7. Massey University operates a preferential score admission scheme for admission to undergraduate qualifications. Applicants to undergraduate qualifications will be assessed and eligible applicants will be offered a place in a qualification.

Matriculation Regulations

1. Every candidate for an undergraduate degree, undergraduate diploma, undergraduate certificate, or for a certificate of proficiency in a course of any degree shall have matriculated or been admitted with equivalent status. Candidates for sub-degree certificates and sub-degree diplomas must meet the published admission requirements of the selected programme.

2. Every person shall be academically qualified to matriculate at the University who:
   (a) is academically qualified for entrance to a university on the basis of the National Certificate of Educational Achievement (NCEA) as promulgated by the New Zealand Qualifications Authority at www.nzqa.govt.nz; or
   (b) has qualified for entrance to a university on the basis of the New Zealand University Entrance, Bursaries and Scholarships Examination prior to 2005, or the University Bursaries Examination prior to 1993, or New Zealand University Entrance (by accrediting or examination) prior to 1986; or
   (c) has matriculated at any university in New Zealand; or
   (d) is granted Special Admission; or
   (e) is granted Discretionary Entrance under the Discretionary Entrance regulations or Provisional Entrance under the regulations applying in 2003; or
   (f) is a New Zealand Citizen or Permanent Resident and has attained the age of 20 years by the final date for acceptance of late Enrolment Applications for the enrolment period in which study is commenced.

Minimum Age

3. Applicants shall not be eligible to matriculate unless they have attained the age of 16 years by the start of their study.

Responsibilities

4. At the time of accepting an offer, every student shall promise to obey the statutes, regulations, policies, codes and rules of the University. Prior to enrolment being finalised, every student shall provide evidence of date of birth and citizenship and of eligibility to meet programme admission requirements.

5. Persons who are eligible to matriculate under these Regulations may matriculate by having their names enrolled on the books of the University as matriculated students. The University Council (or its delegate) may decline (under statutory authority) to matriculate a person in special cases.

English Language Competency

1. Both English and Te Reo Māori are recognised as official languages in New Zealand. Tuition, examination and assessment at Massey University is normally in the English language, although students may be required to write or speak Te Reo Māori or foreign languages in some courses. Procedures also exist for those students who wish to submit written work or examinations in Te Reo Māori.

2. It is expected that on entry to Massey University all students will be able to:
   (a) write grammatically correct English. Students must be able to develop ideas and to express themselves in well-structured, accurate and extended written English. Typically essays or reports of about 1,000 words are expected of first-year students. Even in courses where mathematical and scientific symbols are the main means of expression, the ability to write clear, accurate English is still needed.

   (b) read English actively and with understanding. Students must be able to find relevant information, without special guidance, to follow the structure of a narrative, and to comprehend and analyse a line of argument.

   (c) listen to and discern key points in English. Students must be able to follow complex and technical discussion in both formal lectures and informal groups.

   (d) speak freely and clearly in English. Students will be expected to contribute actively to discussion and to present ideas in classes.

3. The University does not accept responsibility for academic failure that is attributable to a student’s lack of competence in English. Students whose
prior education was not in English are advised to take 192.101 English for Academic Purposes for Speakers of Other Languages in their first year at Massey to improve their preparedness to study at university level.

4. International students – all international students whose first language is not English will be required to provide satisfactory evidence of their proficiency in English, in the form of an Academic IELTS or TOEFL score, an equivalent recognised English language test, or other such evidence that is acceptable to Academic Board. The required IELTS and TOEFL scores are as follows:

(a) IELTS – Academic IELTS (International English Language Testing System) score of 6.0 for undergraduate programmes with no band less than 5.5, and 6.5 for postgraduate programmes with no band less than 6.0.

The Massey University centre for Professional and Continuing Education is a registered IELTS testing centre. Results are usually available two weeks after candidates have sat a test.

(b) TOEFL – (Princeton Test of English as a Foreign language) score of 550 paper-based test (213 computer-based test or 80 internet-based test) for undergraduate students and 575 paper-based test (232 computer-based test or 90 internet-based test) for postgraduate students. An additional TWE (Test of Written English) score of 4 (Essay Rating 4.0 or Writing 19 for undergraduate students, 20 for postgraduate students) is required. TOEFL tests listening comprehension, knowledge of grammar, vocabulary and reading comprehension. TWE (Essay Rating or Writing) tests ability to write sustained English prose.

(c) Some programmes have higher English language entry requirements. Contact the International Office for details.

5. New Zealand school leavers – New Zealand students (including permanent residents) and international students must gain a university entrance qualification, which includes literacy and numeracy requirements, as set out by the NZQA.

6. Other students whose first language is not English, and who have not gained a New Zealand university entrance qualification, or an overseas entrance qualification in a country where the main language is English, will also be required to provide satisfactory evidence of their proficiency in English in the form of an academic IELTS or TOEFL score or other such evidence that is acceptable to the Academic Board.

7. English language competency requirements for foundation studies and pre-degree level programmes are available from the International Office.

---

**Discretionary Entrance Regulations**

1. A person under the age of 20 years who does not meet the University Entrance standard, but:

   (a) is a citizen or permanent resident of New Zealand or Australia;*
   
   (b) is at least 16 years of age and under 20 on the first day of the semester in which they wish to study; and
   
   (c) has not otherwise qualified for admission may apply for Discretionary Entrance.

   * Australian applicants’ most recent year of schooling must have been in New Zealand.

2. Discretionary Entrance applicants are expected to have a very good academic record. The normal criteria for consideration for Discretionary Entrance are:

   (a) has received secondary schooling to at least New Zealand Year 12 level (or its equivalent overseas); and
   
   (b) has achieved a minimum of 72 credits at NCEA Level 2 including 14 credits in each of four subjects (three of which must be approved subjects) with a majority of credits at Merit or Excellence; and
   
   (c) has met the literacy and numeracy standards required for University Entrance, or their equivalents.

3. Discretionary Entrance is granted to a nominated under-graduate qualification.

4. Persons who attempt to qualify for University Entrance in Year 13, but who fail to do so, may be considered for mid-year admission in the year following their NCEA assessment in universities where this is permitted. Admission will be at the discretion of the university concerned.

5. A person studying at a New Zealand secondary school, who is attempting to qualify for entrance to university, may apply for Discretionary Entrance in the same year for the purpose of enrolling in courses offered in a Summer School by a university. Any person admitted under this Regulation who does not, in the following January, meet the University Entrance standard will be required to withdraw from the university and may re-apply for admission at mid-year. Students required to withdraw may complete their Summer School programme before doing so, but any courses passed will not be credited to a qualification until a University Entrance qualification is gained.

---

**Admission with Equivalent Status Regulations**

**Admission Ad Eundem Statum**

1. Subject to the provisions of the Education Act 1989 and to the provisions of these Regulations, the Academic Board may admit any person with equivalent status to candidate for any degree or other academic qualification or part thereof. Admission with equivalent status (AES) means ‘admission granted to applicants with the status equivalent to that of the holder of the required qualification’. AES admission is usually programme-specific and may have conditions attached.

2. An applicant for Admission with Equivalent Status shall lodge an Application by the published due dates in order for the applications to be fully considered and processed.

**Admission at Sub-Degree Level**

3. The Academic Board (or its delegate) may grant admission to a sub-degree diploma or sub-degree certificate based on the published admission requirements. In the case of holders of overseas diplomas or certificates, applications shall be considered on the basis of academic work completed and not on qualifications obtained. Credit may be awarded for tertiary study on the basis of the Recognition of Formal and Informal Prior Learning regulations.

**Admission at Entrance Level**

4. The Academic Board may grant admission to an undergraduate degree, diploma or certificate, or for a certificate of proficiency in a course of any degree, with status equivalent to that of a person academically qualified for entrance to a university in New Zealand on the basis of study at a secondary or tertiary institution in New Zealand or overseas. In the case of holders of overseas diplomas or certificates, applications shall be considered on the basis of academic work completed and not on qualifications obtained. Credit may be awarded for tertiary study on the basis of the Recognition of Formal and Informal Prior Learning regulations. Admission for International Students

5. Admission for international students to study at Massey University at the first year undergraduate degree level is by:

   (a) completing in their home country a qualification recognised in New Zealand as equivalent to the New Zealand University entrance standard; OR
   
   (b) completing work in their home country recognised in New Zealand as equivalent to the New Zealand University entrance standard; OR
   
   (c) attending secondary school in New Zealand and achieving the University entrance standard; OR
   
   (d) completing a foundation programme at a University in New Zealand; OR
   
   (e) completing a foundation programme offered by a non-University provider in New Zealand and that programme is recognised by Universities in New Zealand, AND where applicable having the minimum English language requirements specified for entrance to the University and qualification, AND by meeting the requirements to study a specific qualification.

**Admission with Graduate Status**

6. Admission with Graduate Status for Postgraduate Qualifications

The Academic Board may grant a candidate admission to the status of the holder of a degree with the right to proceed to a specific higher diploma or higher degree with or without Honours, provided that the
Special Admission Regulations

1. In exceptional cases, a New Zealand Citizen or Permanent Resident who does not hold a university entrance qualification and who does not qualify under Matriculation Regulation 2(f) may apply for special permission to enter the university. In assessing whether to grant Special Admission in a particular case, the Assistant Vice-Chancellor – Research, Academic and Enterprise, under delegated authority from the University Council, will consider:

   (a) whether the applicant has met a standard equivalent to that required under the Matriculation regulations; and
   (b) evidence of the applicant’s preparedness for university study.

Personal Interest

Applicants who wish to enrol in courses that would normally lead to the award of a qualification, but who do not wish to complete a qualification, may be considered for enrolment in accordance with the Certificate of Proficiency Regulations in which case the Admission Regulations apply.

General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates

These General Regulations are to be read in conjunction with all other Statutes and Regulations of the University and the Qualification Regulations specific to each Undergraduate Degree, Diploma and Certificate, Graduate Diploma and Graduate Certificate offered by the University.

Admission

1. Students must satisfy the admission requirements of the University and the programme in which they wish to enrol.

Academic Requirements

2. An undergraduate or graduate qualification will consist of a number of credits accumulated from courses, as specified in the Qualification Regulations.
3. Every programme of study will comply with any specified prerequisites, co-requisites and restrictions requirements. This applies to courses specific to that qualification or, where allowed within the relevant regulations, to approved courses able to be selected from other qualifications or subjects.

Specialisations

4. Qualifications for which specialisations, such as majors, minors, subjects or endorsements, are listed may have these specified at the time of programme approval by the Academic Board. With the exception of minors, the degree, diploma, or certificate completed by the student will state the specialisation.

Student Progression

5. Students may not enrol for any 200-level course unless they have passed at least 45 credits at 100-level, nor enrol for any 300-level course unless they have passed at least 45 credits at 200-level.
6. Students who wish to take a course for which they do not have the prerequisite(s) may make a case for admission to the relevant Head of School or Programme Director concerned.

Maximum Time to Completion

7. Unless otherwise specified in the Qualification Regulations there will be an 8-year maximum time for completion of any one Massey University undergraduate or graduate qualification.
8. Students who have been inactive for a period of three consecutive years will be deemed to have abandoned their qualification. Abandonment releases the University from its obligation to ensure a qualification can be completed. Students may be permitted to re-enrol in a subsequent current qualification should they meet the entry requirements; credits previously achieved will be assessed and applied in accordance with current regulations.

Variations and Personal Programme Approvals

9. The Academic Board may, in such cases as it thinks fit, approve a personal programme of study which does not conform with the General Regulations or the Qualification Regulations for that degree, diploma or certificate while still conforming to the academic standards of the qualification.

The following rules will apply:

(a) There must be a compelling academic case to merit the variation; or
(b) There must be evidence of exceptional circumstances and/or hardship to the student.
(c) Variations will receive appropriate academic authorisation under delegation from Academic Board and be formally documented.
(d) The variation will be recorded on the student’s academic record.
(e) Personal programme approvals will not permit a reduction in the total amount of credit required to complete a qualification.
(f) The extent of variation cannot jeopardise the integrity of the qualification. To this end there will be a limit on the extent to which a qualification can be varied. The maximum amount of credit varied will relate to the size of the qualification as follows:

<table>
<thead>
<tr>
<th>Qualification Size</th>
<th>Maximum Amount of Credit Variation</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 credit qualification</td>
<td>15 credits</td>
</tr>
<tr>
<td>240 credit qualification</td>
<td>30 credits</td>
</tr>
<tr>
<td>360 credit qualification</td>
<td>45 credits</td>
</tr>
<tr>
<td>480 credit qualification</td>
<td>60 credits</td>
</tr>
</tbody>
</table>

(g) Variations will not be permitted in 60-credit qualifications.
(h) Except where the special circumstances apply to a cohort of students (for example when transitioning students as a result of programme closure or course unavailability) variations will only be considered on a case-by-case basis and will not set a precedent.

Transitional Provisions

10. The University reserves the right to introduce such changes as it may judge to be necessary or desirable, including the addition, restructuring or withdrawal of qualifications, regulations and/or courses. Reasonable provisions will be made to enable students to complete any qualification which is discontinued or has its structure substantially altered, but such provision will not extend beyond the permitted time to completion.
11. Candidates who have been awarded with Restricted Passes prior to the commencement of the 2017 academic year may continue to credit these to their programme of study in accordance with the following regulations:

(a) A student with a restricted pass in any course may subsequently enrol in the same course in order to attempt to improve the grade of pass. However, the course can be credited only once.
(b) The maximum credits able to be credited from restricted passes are 60 for a 480 credit degree; 45 for a 360 credit degree; 30 for a 240 credit diploma and 15 for a 120 credit certificate or diploma; No R passes are permitted in a 60 credit certificate.
(c) A restricted pass will not qualify as a pass for prerequisite purposes.
(d) This regulation will expire at the end of the 2025 academic year.

Limitation of Entry

12. For any programmes of study offered by the University, the University Council (by its delegate) may limit the number of students enrolled in the programmes of study or training each year because of insufficiency of
General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates

These General Regulations are to be read in conjunction with all other Statutes and Regulations of the University and the Qualification Regulations specific to each Postgraduate Degree, Diploma and Certificate offered by the University.

Admission

1. Admission to a Postgraduate certificate, Postgraduate diploma, 120-credit Bachelor (Honours) or a Master’s degree requires that the student will:
   (a) have made formal application for admission to postgraduate study for the specified programme; and
   (b) (i) have qualified for the award of a relevant Bachelor’s degree with a grade average that demonstrates an adequate level of preparation for the postgraduate programme; or
   (ii) have an approved academic qualification of similar standing to the relevant Bachelor’s degree; or
   (iii) have been granted admission with equivalent status as entitled to proceed to the specified Postgraduate degree, diploma or certificate; and
   (c) (i) provide evidence of practical/professional experience of an acceptable standard in an area(s) relevant to the qualification; or
   (ii) on the request of the Academic Board, carry out such work and satisfy such assessments as the Board may determine to be necessary for admission.

Academic Requirements

2. (a) A postgraduate qualification will consist of a number of credits accumulated from taught courses and/or research courses, at 700-level or above, as specified in the Qualification Regulations.
   (b) For the award of the degree, diploma or certificate a pass is required in each course in the qualification. A student may re-enrol and be re-examined only once in a failed course.

Research Reports and Theses

3. (a) A research report will consist of a minimum of 30 credits; a thesis will consist of a minimum of 90 credits.
   (b) The research component of postgraduate programmes will be 0, 30, 45, 60, 90 or 120 credits with the proviso that the Bachelor (Honours) degree will have a minimum research component of 30 credits and those Master’s degrees that require a research component will have a minimum of 45 credits of research.
   (c) Postgraduate diplomas and certificates may have a research component of zero credits and consist entirely of taught courses.
   (d) For thesis courses that are offered for enrolment as Part One and Part Two, candidates are required to precede their enrolment in Part Two with enrolment in Part One.

Student Progression

4. (a) Students will have completed their 700-level course requirements prior to enrolling in the thesis course.
   (b) (i) 120-credit Bachelor (Honours) degrees will be awarded as First Class Honours, Second Class Honours Division I, Second Class Honours Division II or Third Class Honours. Bachelor (Honours) degrees must be completed within one year of first enrolling in full-time study or within three years of first enrolling in part-time study. 
   (ii) Postgraduate diplomas and 120-credit Master’s degrees will carry the award of Distinction if completed at a superior standard (equivalent to First Class Honours), or Merit (equivalent to Second Class Honours, Division One) within one year of first enrolling in full-time study or within three years of first enrolling in part-time study.
   (iii) 180-credit Master’s degrees will carry the award of Distinction if completed at a superior standard (equivalent to First Class Honours), or Merit (equivalent to Second Class Honours, Division One) within eighteen months of first enrolling in full-time study or within four years of first enrolling in part-time study.
   (iv) 240-credit Master’s degrees will be awarded with First Class Honours, Second Class Honours Division I, Second Class Honours Division II or a pass. To qualify for the award of honours, 240-credit Master’s degrees must be completed within two years of first enrolling for full-time study or within five years of first enrolling for part-time study.
   (v) These periods may, in special circumstances, be amended/extended by the Academic Board. The Academic Board may also in special circumstances permit students to suspend their programme of studies for an approved period.

Specialisations

5. Qualifications for which specialisations, such as endorsements or subjects, are listed may have these specified as specialisations at the time of programme approval. The degree, diploma, or certificate completed by the student will state the specialisation.

Maximum Time to Completion

6. Unless otherwise specified in the Qualification Regulations there will be time limits for completion as follows:
   (a) 60-credit Postgraduate Certificates must be completed within a maximum of two years.
   (b) 120-credit Postgraduate Diplomas must be completed within a maximum of four years.
   (c) 120-credit Masterates must be completed within a maximum of four years.
   (d) 180-credit Masterates must be completed within a maximum of five years.
   (e) 240-credit Masterates must be completed within a maximum of six years.
   (f) 120-credit Bachelor (Honours) must be completed within one year of first enrolling for full-time study or within three years of first enrolling for part-time study.

Where credit has been transferred in accordance with Recognition of Prior Learning Regulation 16(c), the above time limits may be pro-rated when calculating maximum time limits for completion.

Time limits may be waived, at the discretion of the University, where a student exits with a qualification of lesser credit.

7. Students who have been inactive for a period of three consecutive years will be deemed to have abandoned their qualification. Abandonment releases the University from its obligation to ensure a qualification can be completed. Students may be permitted to re-enrol in a subsequent current qualification should they meet the entry requirements; credits previously achieved will be assessed and applied in accordance with current regulations.

Variations and Personal Programme Approvals

8. The Academic Board may, in such cases as it thinks fit, approve a personal programme of study which does not conform with the General Regulations or the Regulations for that degree, diploma or certificate while still conforming to the academic standards of the qualification.

   The following rules will apply:
   (a) There must be a compelling academic case to merit the variation, or;
   (b) There must be evidence of exceptional circumstances and/or hardship to the student.
   (c) Variations will receive appropriate academic authorisation under delegation from Academic Board and be formally documented.
   (d) The variation will be recorded on the student’s academic record.
   (e) Personal programme approvals will not permit a reduction in the total amount of credit required to complete a qualification.
   (f) The extent of variation cannot jeopardise the integrity of the qualification. To this end there will be a limit on the extent to which a qualification can be varied. The maximum amount of credit variation is as follows:

   120 credit qualification  30 credits
   180 credit qualification  30 credits
240 credit qualification 30 credits

(g) Variations will not be permitted in 60-credit qualifications.

(h) Except where the special circumstances apply to a cohort of students (for example when transitioning students as a result of programme closure or course unavailability) variations will only be considered on a case-by-case basis and will not set a precedent.

### Transitional Provisions

9. The University reserves the right to introduce such changes as it may judge to be necessary or desirable, including the addition, restructuring or withdrawal of qualifications, regulations and/or courses. Reasonable provisions will be made to enable students to complete any qualification which is discontinued or has its structure substantially altered, but such provision will not extend beyond the permitted time for completion.

### Cases of Hardship – Vice-Chancellor’s Power

In any case where it is shown to the satisfaction of the Vice-Chancellor that any alteration or amendment of a University statute or Regulation involving a change in a programme or in examination requirements has caused hardship to a student, the Vice-Chancellor may make such provisions as is thought fit for the relief of such hardship. The student may appeal the decision of the Vice-Chancellor to the Council, which may make such provisions as it thinks fit.

### Recognition of Formal and Informal Prior Learning

Massey University recognises prior learning achieved within both formal and informal settings. Credit is awarded for completed tertiary qualifications, for incomplete tertiary qualifications, and for informal learning, as detailed below.

#### Types of Massey University Credit That May Be Awarded

1. Credit will be awarded at an appropriate level for the content of the qualifying course. Credit may be:
   - (a) For a specified Massey University course, identified by course number.
   - (b) In a specified subject at a specified level, but not specifying a course number. The credits may count towards majoring or minorning requirements (specialisation credits), where relevant. They may be designated as part of a particular qualification schedule (qualification credits) or, if not, simply count towards the qualification (elective credits).
   - (c) Specified by level, but not by subject (elective credits). Elective credits count towards the qualification, but not to any major or minor and they may not be designated as part of a particular qualification schedule.
   - (d) Under the provisions of clause 21 below, for specified assessment(s) towards a specified Massey University course.

#### Cross-credits

2. The term ‘cross-credit’ refers to a course (or courses) credited to two qualifications. It can be on the basis of:
   - (a) a completed qualification at Massey University or another approved tertiary institution; or
   - (b) a student completing the programmes of study for two qualifications at the same time and wishing to credit one or more courses to both qualifications.

3. A student shall receive credit only once for each course except as permitted by these Cross-Credit Regulations.

4. Students shall not credit to separate degrees two courses with substantially the same content.

5. Credit shall not be granted for the same course in more than two programmes of study.

6. Unless otherwise specified in the Regulations for a particular qualification, students may cross-credit 100- or 200-level courses that are common to both programmes up to the following maximum values:

<table>
<thead>
<tr>
<th>Programme Type</th>
<th>Maximum Credits</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate Certificate (60 credits)</td>
<td>Undergraduate qualification – fewer than 120 credits</td>
<td>No cross-crediting</td>
</tr>
<tr>
<td>Undergraduate Certificate (60 credits)</td>
<td>Undergraduate qualification – 120 credits or greater</td>
<td>15 credits</td>
</tr>
<tr>
<td>Undergraduate Qualification (120 credits)</td>
<td>Undergraduate qualification – between 120 and 240 credits</td>
<td>15 credits</td>
</tr>
<tr>
<td>Undergraduate Qualification (120 credits)</td>
<td>Undergraduate degree – between 240 and 360 credits</td>
<td>30 credits</td>
</tr>
<tr>
<td>Undergraduate Qualification (120 credits)</td>
<td>Undergraduate degree – 360 credits or higher</td>
<td>45 credits</td>
</tr>
<tr>
<td>Undergraduate Diploma (240 credits)</td>
<td>Undergraduate degree – 360 credits or higher</td>
<td>75 credits</td>
</tr>
</tbody>
</table>

7. No course at 300-level or above shall be cross-credited to another qualification, unless otherwise specifically stated in the Regulations of the relevant qualification.

8. Courses may not be cross-credited to or from a postgraduate diploma, postgraduate certificate, graduate diploma or a graduate certificate unless specifically stated otherwise in the Regulations for that diploma or certificate.

9. Where, because of these Regulations, students are unable to cross-credit a course that is compulsory in the second programme, they may substitute such other course as the Academic Board may approve.

10. The maximum number of credits that can be cross-credited from completed qualifications is 120, irrespective of the number of qualifications completed, unless Regulation 6(e) above applies or a higher maximum is specified in the Regulations for the destination qualification.

#### Transfer of Credit

11. Transfer of Credit refers to credit which is transferred from one qualification to another qualification and only counts towards the qualification it is transferred into. It includes:
   - (a) Credit which is transferred from an incomplete qualification, undertaken at Massey University or another approved tertiary institution;
   - (b) Credit which is transferred from an accredited approved programme while on an official Massey University Student Exchange programme; and
   - (c) Credit which is transferred from a completed Massey qualification which is surrendered.

12. An application for transfer of credit under 11(a) and 11(b) is a statement from the student that they do not intend to complete the original qualification at a later date.

13. Massey University qualifications may be surrendered toward another Massey University qualification under the following circumstances:
   - (a) Only certificates and diplomas may be surrendered; degrees may not be surrendered.
   - (b) Courses within the qualification being surrendered are not available for use in another qualification until the surrender process is complete.
   - (c) Surrender of a qualification should be regarded as final; re-conferment of the surrendered qualification would be approved only in exceptional circumstances.
   - (d) Conferred qualifications may not be exchanged for qualifications introduced subsequently unless further credits are completed once the new qualification is approved for award.
Part A: Academic Standing

1. All students are required to make satisfactory academic progress in each enrolment period and maintain an Academic Standing of Good or Excelling.

2. Academic Progress is determined to be satisfactory for a given enrolment period if students pass all of the credits in which they are enrolled for those courses which conclude in that enrolment period.

3. In addition to maintaining an Academic Standing of Good or Excelling, students are required to comply with the Progression and Unsatisfactory Academic Progress regulations for the qualification(s) in which they are enrolled.

4. Academic progress is assessed on the results of those courses in which students are enrolled which conclude at the end of the enrolment period, and students are advised of their Academic Standing as soon as possible after the release of grades. Should the grades for an individual student for the enrolment period remain unavailable seven days following the published examination results notification date for that enrolment period, a student will be assigned an Academic Standing based on their performance during most recent enrolment period (awards of WD- and Zero credit courses are neutral).

5. The following levels of Academic Standing may be applied: Excelling, Good, Academic Management, Academic Risk, Excluded Short Term, and Excluded Long Term. The criteria for each level is outlined in the following table:

<table>
<thead>
<tr>
<th>Academic Standing Criteria</th>
<th>Performance during most recent enrolment period</th>
<th>Previous Academic Standing</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Excelling</strong></td>
<td>Passed 100% of credits in enrolment period and have cumulatively achieved a grade average of A- (or higher) over credits taken within the preceding eight academic years.</td>
<td>Excelling; Good; New/New Level**</td>
</tr>
<tr>
<td><strong>Good</strong></td>
<td>Passed 100% of credits in enrolment period.</td>
<td>Excelling; Good; Academic Management; New/New Level*</td>
</tr>
<tr>
<td><strong>Academic Management</strong></td>
<td>Passed less than 100% of credits in enrolment period.</td>
<td>Excelling; Good; New/New Level**</td>
</tr>
<tr>
<td><strong>Academic Risk</strong></td>
<td>Passed less than 50% of credits in enrolment period.</td>
<td>Academic Management; Academic Risk</td>
</tr>
<tr>
<td><strong>First enrolment period after Exclusion</strong></td>
<td></td>
<td>Exclusion (Short- or Long-Term)</td>
</tr>
</tbody>
</table>

Informal Learning

18. (a) Credit for informal learning acknowledges relevant and appropriate skills and knowledge obtained through training, work experience and life experience.

19. Applications for credit for informal learning will be rigorously assessed using normal university procedures, for example:

- (a) assessment of a portfolio of supporting materials;
- (b) use of a challenge examination.

Students who are granted credit under this regulation will have had to demonstrate their capability at the same level as students who enrol in and pass the specified course.

Professional Development Through Massey University

21. Credit for Massey University quality assured professional development courses may be awarded towards a qualification, specified course or course assessment, subject to prior College Board approval of the credit arrangements.

22. Students may be awarded credit to the following maximum values, unless this is precluded or a lower limit is specified under the Part II regulations for a qualification:

<table>
<thead>
<tr>
<th>Programme Type (from)</th>
<th>Maximum Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sub Degree Certificate of Diploma</td>
<td>One half of the credits required for the qualification</td>
</tr>
<tr>
<td>Undergraduate Certificate, Diploma or Degree</td>
<td>One half of the credits required, up to a maximum of 120 credits</td>
</tr>
<tr>
<td>Postgraduate Certificate or Postgraduate Diploma</td>
<td>One quarter of credits required, up to a maximum of 30 credits</td>
</tr>
<tr>
<td>Master's Degree</td>
<td>One quarter of credits required, up to a maximum of 60 credits</td>
</tr>
<tr>
<td><strong>Excluded (Short-Term)</strong></td>
<td>Passed less than 50% of credits in enrolment period.</td>
</tr>
<tr>
<td>--------------------------</td>
<td>------------------------------------------------</td>
</tr>
<tr>
<td><strong>Excluded (Long-Term)</strong></td>
<td>Passed less than 50% of credits in enrolment period and eligible for Excluded status for second or more time in preceding 8 years (not necessarily consecutive).</td>
</tr>
</tbody>
</table>

* In accordance with Regulations 6 and 7.

6. Students new to study at Massey University will be advised of their Academic Standing on conclusion of their first enrolment period: possible University Academic Standings are Excelling, Good, and Academic Management.

7. Students transitioning from sub-degree to undergraduate level study, and from undergraduate/graduate to postgraduate level study, will have their Academic Standing assessed and awarded in accordance with these regulations, on the conclusion of their first enrolment period at the higher level.

8. Students returning to Massey University following a University Exclusion imposed prior to the 2014 Academic Year will have an Academic Standing of Academic Risk upon their re-enrolment.

9. Students returning to Massey University following a College Exclusion imposed prior to the 2014 Academic Year will have an Academic Standing of Academic Management upon their re-enrolment.

10. All other returning students will have their Academic Standing assessed and awarded in accordance with these regulations, on the conclusion of their first enrolment period following their return to Massey University from Semester One 2014.

11. The following additional levels of Qualification-Specific Academic Standing may be applied: Qualification Exclusion. Qualification Exclusion will apply when a student meets the requirements for exclusion as outlined in Part C.

### Part B: Unsatisfactory Academic Progress

12. Academic Progress is considered to be unsatisfactory if students fail to obtain a pass in one or more courses in which they are enrolled and which conclude in that enrolment period.

13. Any student who fails to obtain a pass in a course for which that person has been enrolled on two occasions will be excluded from enrolling in that course for a period of 12 months in relation to undergraduate courses and permanently for postgraduate courses.

14. Massey University defines the grades of D, E, F, and DC as failing grades. Awards of WD- and zero credit courses are neutral for the purposes of calculating Academic Standing.

15. Students with an Academic Standing of Academic Management may be required to participate in an academic support initiative(s) at the discretion of the University.

16. Students with an Academic Standing of Academic Risk will be restricted to enrolment in a maximum of 30 credits per enrolment period and may be required to participate in an academic support initiative(s) at the discretion of the University.

17. Subject to Regulation 18, students with an Academic Standing of Academic Risk who fail to obtain a pass in 50 percent or more of the credits in which they are enrolled, will be excluded from the University for a period of 12 months, after which time, and subject to Regulation 20, they may re-enrol.

18. Further to Regulation 17, students who are excluded two or more times within the preceding eight academic years will be excluded for a period of three years and must apply for readmission to the University if they wish to return to study.

19. Applications for readmission under Regulation 18 may be submitted to the AVC (Research, Academic and Enterprise) no earlier than 6 months prior and no later than 2 months prior to the first enrolment period in which they are eligible and in which they seek to re-enrol; permission may be withheld. Applications will not be accepted for readmission into Summer School.

20. The future enrolment of any student who has been excluded will be subject to:
   (a) Part C; and
   (b) the University’s rights, at law, to refuse to enrol any person; and
   (c) other University prescribed requirements (including (re)selection criteria in programmes with a limited number of places available); and
   (d) the outcomes of any misconduct or disciplinary process.
   (e) satisfactory participation in academic support initiatives required in accordance with Regulations 15 and 16 above.

21. Credits from study undertaken elsewhere while excluded from Massey University, or a Massey University programme or course, cannot be transferred back to Massey University, or to the programme or the course that the student was excluded from.

22. Except with the prior written permission of the Academic Board (or its delegate), no student shall be enrolled at Massey University on transfer from another University when their academic record is such that had they been enrolled at Massey University then under these or other University Regulations they would qualify for exclusion on the grounds of Unsatisfactory Academic Progress.

### Part C: Regulations Relevant to Specific Programmes

23. In addition to regulations 1 to 22 (inclusive) and regulation 48 below, the following regulations regarding exclusion from specific qualifications will apply.

24. For persons enrolled in Te Aho Tātairangi: Bachelor of Education Teaching Māori Medium/ Diploma in Māori Education or Te Aho Tātairangi: Bachelor of Teaching and Learning Kura Kaupapa Māori the following will lead to exclusion from the programme or College as decided by the Academic Board (or its delegate):
   (a) failure to obtain a pass in a compulsory course for which they have been enrolled for two occasions;
   (b) failure to pass courses totalling at least 75 academic credits of full-time study or failure to pass at least 60 percent of an approved part-time programme of study in any academic year;
   (c) failure to complete the degree within six consecutive years for candidates enrolled in Te Aho Tātairangi: Bachelor of Education Teaching Māori Medium/ Diploma in Māori Education unless a suspension or extension has been granted under the Completion Requirements regulation;
   (d) failure to complete the degree within five consecutive years for candidates enrolled in Te Aho Tātairangi: Bachelor of Teaching and Learning Kura Kaupapa Māori unless a suspension or extension has been granted under the Completion Requirements regulation.

25. For persons enrolled in the Graduate Diploma of Teaching (Early Childhood Education), Graduate Diploma of Teaching (Primary) or Graduate Diploma of Teaching (Secondary) the following will lead to exclusion from those programmes of study:
   (a) failure to obtain a pass in a course in two successive attempts;
   (b) failure to pass courses totalling at least 60 academic credits of full-time study or failure to pass at least 50 percent of an approved part-time programme of study in any academic year;
   (c) failure to complete the diploma within two years of full-time study, or three years of part-time study from the date of first enrolment in a course to be credited to the Diploma.

26. For persons enrolled in Te Aho Paerewa The Postgraduate Diploma Teaching and Learning in Māori Medium the following will lead to exclusion from the qualification:
   (a) failure to obtain a pass in a course in two successive attempts;
   (b) failure to pass courses totalling at least 60 academic credits, or failure to pass at least 50 percent of an approved part-time programme of study in any academic year; or
(c) failure to complete Te Aho Paerewa The Postgraduate Diploma Teaching and Learning in Māori Medium within three years from the date of first enrolment in a course to be credited to the qualification.

Persons excluded under (a), (b) and (c) will only be readmitted to Te Aho Paerewa The Postgraduate Diploma Teaching and Learning in Māori Medium with the approval of the Pro Vice-Chancellor or nominee. Such approval may be withheld or granted subject to conditions.

27. For persons enrolled in the Bachelor of Veterinary Science, the following will lead to exclusion from that programme:
   (a) failure of the Second Examination;
   (b) failure to complete either the Third, Fourth, Fifth or Sixth Examination in two successive attempts;
   (c) failure to complete the requirements of the Degree within eight years from the date of first enrolment in the professional phase of the Degree;
   (d) persons excluded under clause (b) and (c) above will only be re-admitted to the BVSc programme with approval of Academic Board under such conditions as it may determine;
   (e) persons excluded twice under clause (b) above will not be permitted to re-enrol for the BVSc degree.

28. For persons enrolled in the Bachelor of Nursing the following will lead to exclusion:
   (a) failure to obtain a pass in any of the Bachelor of Nursing courses for which they have been enrolled for two occasions;
   (b) failure to pass courses totalling at least 75 academic credits or failure to pass at least 60 percent of an approved part-time programme of study in any academic year;
   (c) failure to complete the degree within five years from the date of first enrolment.

Persons excluded under (a), (b) or (c) above will only be re-admitted to the Bachelor of Nursing programme with the approval of the Academic Board.

29. For persons enrolled in the Bachelor of Social Work the following will lead to exclusion:
   (a) failure to meet the requirements for registration as set down by the New Zealand Social Workers Registration Board in terms of candidates being ‘fit and proper persons to practice social work’;
   (b) failure to pass in either 179.355 or 179.455 in two successive attempts;
   (c) persons excluded under clause (b) will only be re-admitted to the Degree of Bachelor of Social Work with approval of the Academic Board, which may be declined, or granted under such conditions as it may determine.

30. For persons enrolled in the Master of Applied Social Work the following will lead to exclusion:
   (a) failure to meet the requirements for registration as set down by the New Zealand Social Workers Registration Board in terms of candidates being ‘fit and proper persons to practice social work’;
   (b) failure to obtain a pass in a compulsory course for which they have been enrolled for on two occasions.
   (c) persons excluded under (b) above will only be re-admitted to the Master of Applied Social Work programme with approval of the Academic Board which may be declined, or granted under such conditions as it may determine.

31. For students enrolled in the Bachelor of Aviation – Air Transport Pilot major the following will lead to exclusion:
   (a) No candidate will be given more than two opportunities to pass each flight assessment, unless in exceptional circumstances and subject to the prior recommendation of the Student Review Board and the approval of the Chief Executive Officer for the school.
   (b) Candidates who have failed a flight assessment twice and whose performance is deemed unacceptable by the School of Aviation Student Review Board will be recommended to the Chief Executive Officer for the school to be excluded from the BAv-ATP major.
   The Chief Executive Officer for the school will consider the recommendation(s) of the School of Aviation Student Review Board and any other matters the Chief Executive Officer for the school considers relevant and make a recommendation to the Academic Board (or its delegate). The Academic Board (or its delegate) will make the final decision.

(c) Candidates who have failed a compulsory course twice and whose performance is deemed unacceptable by the School of Aviation Student Review Board will be recommended to the Chief Executive Officer for the school to be excluded from the BAv-ATP major.

(d) Failure to pass 45 credits in a first attempt at Part 1 of the Bachelor of Aviation – Air Transport Pilot major.

(e) Persons excluded under clause (b), (c) and (d) above will not be re-admitted to the BAv-ATP major without first submitting themselves for re-selection into the programme and being accepted.

32. For candidates enrolled in the Degree of Bachelor of Veterinary Technology the following will lead to exclusion from that programme:
   (a) failure to pass any 200- and 300- level course in which they have been enrolled on two occasions;
   (b) failure to complete the requirements of the Degree within five years from the date of first enrolment in the professional phase of the Degree;
   (c) persons excluded under clause (a) and (b) will only be readmitted to the Degree of Veterinary Technology with the approval of Academic Board under such conditions as it may determine.

33. For candidates enrolled in the Degree of Bachelor of Medical Laboratory Science, the following will lead to exclusion from the qualification:
   (a) failure to obtain a pass in a compulsory 200- or 300-level course in which they have been enrolled on two occasions;
   (b) failure of the practical work component in one or more of the 400-level courses.

Persons excluded under clause (b) will only be re-admitted to the Bachelor of Medical Laboratory Science with approval of Academic Board under such conditions as it may determine.

34. Persons enrolled in the Postgraduate Certificate in Specialist Teaching or Postgraduate Diploma in Specialist Teaching will be excluded from the qualification on the basis of failure to complete a course in two successive attempts.

35. For candidates enrolled in the Bachelor of Speech and Language Therapy or Bachelor of Speech and Language Therapy with Honours the following will lead to exclusion from the qualification:
   (a) failure to complete a compulsory course in two successive attempts.
   (b) failure to pass courses totalling at least 75 credits or failure to pass at least 60 percent of an approved part-time programme of study in any academic year.
   (c) failure to complete the degree within six consecutive years, unless a suspension or extension has been granted.

36. For candidates enrolled in the Master of Business Administration the following will lead to exclusion from the qualification:
   (a) failure to complete the degree within either the timeframes specified under the Completion Requirements; or
   (b) within the timeframes specified by Academic Board or their delegate when a period of extension or suspension has been approved.

37. For candidates enrolled in the Master of Clinical Psychology the following will lead to exclusion from the qualification:
   (a) failure to complete any Part One course in two successive attempts;
   (b) failure to complete the Clinical Psychology Internship in two successive attempts.

38. For candidates enrolled in the Postgraduate Certificate in Māori and Indigenous Business, Postgraduate Diploma in Māori and Indigenous Business or the Bachelor of Māori and Indigenous Business the following will lead to exclusion from the qualification unless permission to continue is granted by the Board of Studies for Māori and Indigenous Business:
   (a) failure to complete a course in which they have been enrolled on two occasions;
   (b) failure to pass on first attempt more than one course contributing to the certificate, the diploma or the mastersate;
   (c) failure to complete the Postgraduate Certificate in Māori and Indigenous Business within two years from the date of first enrolment in a course contributing to the qualification;
47. Unless the context requires otherwise:

“Exclusion” means either:

(a) failure to achieve a B+ or higher for each of the courses specified for the Provisional Registration in Part One;

(b) failure to make adequate progress with the objectives established in the six-monthly progress reports in accordance with the guidelines published by the Doctoral Research Committee as assessed by the Supervisors, Head of Academic Unit and the Doctoral Research Committee;

(c) failure to achieve a B+ or higher for each of the courses specified for the Provisional Registration in Part One;

(d) failure to make adequate progress with the objectives established in the six-monthly progress reports in accordance with the guidelines published by the Doctoral Research Committee as assessed by the Supervisors, Head of Academic Unit and the Doctoral Research Committee;

48. The University retains its rights at law to refuse to permit, or to cancel, the enrolment of a person as a student at Massey University on the grounds that the person has made insufficient progress in the person’s study or training after a reasonable trial at Massey University or at another institution.

49. Powers under these regulations are exercisable by the Chair, Academic Standings Hearing Committee as delegated by Academic Board and may also be exercised by the Vice-Chancellor (or his delegate).

Part E: Procedure for Submissions, Appeals, and Constitution of the Exclusion Appeals Committee

50. Students can make a submission regarding their Academic Standing at any time prior to their Standings being confirmed, on the grounds of process or that their performance has been seriously affected over an extended period of time by their Exceptional Personal Circumstances.

51. Submissions should be submitted via the MyMassey portal and will be forwarded to the next meeting of the Academic Standing Hearings Committee.

52. The Academic Standing Hearings Committee shall be constituted by Council on the recommendation of the Academic Board. Its powers, including the right to refuse or cancel enrolments on grounds of insufficient progress after a reasonable trial, are delegated by Council through Academic Board. It shall comprise a minimum of five persons:

- Senior Academic as nominated by PVCs(Chair)
- Co-ordinator: Student Success;
- three senior members of staff, including two academic staff, and including one Māori member; and
- one student member.

53. The Chair, Academic Standing Hearings Committee may:

(a) confirm the Academic Standing will apply, (including cases where a student has not made a submission within the required timeframe); or

(b) confirm the Academic Standing will apply and amend the requirements; or

(c) amend the Academic Standing; or

(d) refer the student submission to another process such as Aegrotat and Impaired Performance, Withdrawal, Carry Forward of Postgraduate Study, or Fee Appeal, regardless of the due date for such.

54. Except as required by law and except that no person shall appear before the Academic Standing Hearings Committee to make oral submissions, the Academic Standing Hearings Committee shall determine its own procedure. Each student shall have reasonable opportunity to make written submissions together with any other submitters or corroborative evidence the Committee requires.

55. Students may appeal the outcome on matters of process only. Appeals must be received within 10 working days of notification of confirmation and be submitted via the MyMassey portal. Appeals will be forwarded to the Assistant Vice with responsibility for the academic portfolio or delegate. The Assistant Vice Chancellor with responsibility for the academic portfolio or delegate will instigate an investigation into the process followed and determine its adequacy. The decision of the Assistant Vice Chancellor with responsibility for the academic portfolio or delegate will be communicated to the student and will be final.

Any resulting change to Academic Standing will be implemented to be effective at the next opportunity for enrolment.
QUALIFICATION REGULATIONS – NGĀ TURE Ā-TOHU

Doctoral Degrees ....................................................... page 75
Master’s Degrees ....................................................... page 83
Bachelor’s Honours Degrees ................................. page 155
Bachelor’s Degrees .................................................... page 171
Postgraduate Diplomas ........................................ page 263
Postgraduate Certificates .................................... page 309
Graduate Diplomas ............................................... page 323
Graduate Certificates ............................................ page 353
Undergraduate Diplomas .................................. page 365
Undergraduate Certificates ............................... page 389
Sub-degree Certificates ......................................... page 401
DOCTORAL DEGREES

The Degree of Doctor of Business and Administration* .................................. 75
The Degree of Doctor of Philosophy ............................................................... 79
The Degree of Doctor of Clinical Psychology .................................................. 76
The Degree of Doctor of Science .................................................................... 80
The Degree of Doctor of Education* ................................................................. 77
The Degree of Doctor of Social Work ............................................................... 81

The Degree of Doctor of Business and Administration

DBA

No new enrolments from 2012

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Degree of Doctor of Business and Administration requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a Bachelor Honours Degree, or Master’s Degree, or an equivalent, with the award of First Class or Second Class Division I Honours; and
   (c) have sufficient background and good standing in senior management to satisfy the Doctoral Research Committee they have the capacity to successfully undertake the programme.

Qualification Requirements
2. Candidates for the Degree of Doctor of Business and Administration shall follow a parts-based programme of study, which shall consist of courses and a thesis, totalling at least 360 credits, comprising:
   (a) Part One: Provisional registration; and
   (b) Part Two: Full registration.
   And including:
   (c) the courses listed in the Schedule for the Qualification;
   (d) a thesis;
   (e) participation in required activities including presentation of a proposal at a confirmation event and defending a thesis in an oral examination.

Specialisations
3. The Degree of Doctor of Business and Administration is awarded without specialisation.

Thesis Requirements
4. The thesis must demonstrate the candidate’s ability to carry out independent research, which must make a significant contribution to knowledge and understanding in business and administration. The thesis shall be a cohesive and integrated report of the candidate’s supervised work and may consist of several studies or cases, and will include the candidate’s published or unpublished material or a combination of both.
5. There shall be one main supervisor, who shall be a member of the academic staff of the University, and at least one co-supervisor who shall also be a member of the academic staff of the University.
6. The thesis must comply with the following requirements:
   (a) the work on which the thesis is based has not been accepted either in whole or in part for any other degree or diploma; and
   (b) must clearly define the nature and extent of any assistance the candidate has received in pursuing the research on which the thesis is based;
   (c) reference to work other than that of the candidate must be appropriately acknowledged;
   (d) all relevant policies underpinning research practice have been complied with;
   (e) the thesis must not exceed 65,000 words (excluding appendices and bibliography);
   (f) the thesis must be submitted for examination in the manner specified by the Doctoral Research Committee in accordance with the published guidelines.
7. The thesis will be independently examined by an Examination Committee experienced in the subject area, appointed by the Doctoral Research Committee in accordance with published guidelines, and will include an oral examination of the candidate on the thesis and the subject area. The oral examination will not proceed if the examiners agree that the thesis is of an inadequate standard.
8. The Thesis Examination Committee shall make a recommendation to the Doctoral Research Committee on the whole examination and will advise the result of the examination by using one of the following categories:
   (a) Pass without emendation;
   (b) Emendations required;
   (c) Further research and re-examination required;
   (d) Fail. The candidate shall not be awarded the degree and shall not be permitted to apply for re-examination.
9. If emendations are required the candidate will have a maximum of six months full time, or nine months part time, to complete the emendations and during this time the candidate will not be required to re-enrol. The candidate must complete the emendations to the satisfaction of the examiner(s) or the candidate will be failed. Under these circumstances the candidate shall not be permitted to be re-examined.
10. If further research and re-examination is required, the candidate will have a maximum of one year full time and eighteen months part time to conduct the required additional research and/or revisions. The candidate must re-enrol and pay tuition fees on a pro-rata basis. A candidate may only revise and resubmit a thesis for re-examination once. If the candidate does not complete the revisions to the satisfaction of all the examiners, the candidate will be failed. Under these circumstances the candidate shall not be permitted to be re-examined.
11. No appeals are allowed except on completion of the examination process on the grounds of procedural irregularities in the examination process. For an appeal to be considered, applications must be received by the Doctoral Research Committee within three months of formal notification of the examination result by the Graduate Research School.

Student Progression
12. For progression from Provisional Registration to Full Registration candidates must have:
   (a) achieved a grade average of B+ or higher across the courses specified for the Provisional Registration;
   (b) participated in a confirmation event, during which they have presented their proposal to, and had it accepted by, a confirmation committee;
   (c) their proposed main supervisor and co-supervisor(s) approved by the Doctoral Research Committee.
13. Candidates are required to make successful progress in the thesis as determined by six-monthly progress reports in accordance with the guidelines published by the Doctoral Research Committee and assessed by the Supervisors, Head of Academic Unit, and the Doctoral Research Committee.

Completion Requirements
14. A candidate’s period of registration (including provisional registration) shall be a minimum period of three years (36 months) and a maximum of
four years (48 months) if full time, and a minimum period of four years (48 months) and a maximum of six years (72 months) if part-time, unless a specified time of suspension or extension has been approved by the Doctoral Research Committee. Suspensions or extensions granted will appear on the academic transcript.

15. The maximum period of registration shall include:
   (a) completion of courses as listed in the Schedule to the Qualification;
   (b) submission of a thesis in the manner required under the published Doctoral Research Committee guidelines;
   (c) application to be examined;
   (d) examination (including, completion of any emendations or re-examination);
   (e) submission of four bound copies of the thesis.

16. Candidates may be graduated when they meet the Admission, Qualification and Thesis requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Business should they meet the relevant Qualification requirements.

The Degree of Doctor of Clinical Psychology
DClinPsych

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Degree of Doctor of Clinical Psychology requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a Bachelor Honours degree or Master’s degree in Psychology with the award of First Class or Second Class Division I Honours, or equivalent; and
   (c) have passed the following courses or their equivalent, in their qualifying degree: 175.738, 175.781, 175.782, and 175.783; and
   (d) have sufficient personal qualities, ethical standards, and professional potential to satisfy the Doctoral Research Committee they have the capacity to successfully undertake the programme, and to satisfy the requirements for eligibility to practice as a Registered Psychologist in accordance with the Health Practitioners Competency Assurance Act of 2003, or as amended.

Qualification Requirements

2. Candidates for the Degree of Doctor of Clinical Psychology shall follow a parts-based programme of study, which shall consist of courses and a thesis, totalling at least 360 credits, comprising:
   (a) Part One: Provisional Registration, and
   (b) Part Two: Full Registration
   And including:
   (c) the courses listed in the Schedule for the Qualification;
   (d) a thesis;
   (e) participation in required activities including presentation of a proposal at a confirmation event, defending a thesis in an oral examination, and demonstrating the competencies required of a Professional Clinical Psychologist at a practical oral examination.

Specialisations

3. The Degree of Doctor of Clinical Psychology is awarded without specialisation.

Thesis Requirements

4. The thesis must demonstrate the candidate’s ability to carry out independent research, which must make a significant contribution to knowledge and understanding in clinical psychology. The thesis shall be a cohesive and integrated report of the candidate’s supervised work, and may consist of several studies or cases, and will include the candidate’s published or unpublished material or a combination of both.

5. There shall be one main supervisor, who shall be a member of the academic staff of the University, and at least one co-supervisor who shall also be a member of the academic staff of the University. At least one supervisor must be a registered senior clinical psychologist.

6. The thesis must comply with the following requirements:
   (a) the work on which the thesis is based has not been accepted either in whole or in part for any other degree or diploma; and
   (b) must clearly define the nature and extent of any assistance the candidate has received in pursuing the research on which the thesis is based;
   (c) reference to work other than that of the candidate must be appropriately acknowledged;
   (d) all relevant policies underpinning research practice have been complied with;
   (e) the thesis must not exceed 65,000 words (excluding appendices and bibliography);
   (f) the thesis must be submitted for examination in the manner specified by the Doctoral Research Committee in accordance with the published guidelines.

7. The thesis will be independently examined by an Examination Committee experienced in the subject area, appointed by the Doctoral Research Committee in accordance with published guidelines, and will include an oral examination of the candidate on the thesis and the subject area. The oral examination will not proceed if the examiners agree that the thesis is of an inadequate standard.

8. The Thesis Examination Committee shall make a recommendation to the Doctoral Research Committee on the whole examination and will advise the result of the examination by using one of the following categories:
   (a) Pass without emendation.
   (b) Emendations required.
   (c) Further research and re-examination required.
   (d) Fail. The candidate shall not be awarded the degree and shall not be permitted to apply for re-examination.

9. If emendations are required the candidate will have a maximum of six months full time to complete the emendations and during this time the candidate will not be required to re-enrol. The candidate must complete the emendations to the satisfaction of the examiner(s) or the candidate

Unsatisfactory Academic Progress

17. For candidates enrolled in the Degree of Doctor of Business and Administration, the following will lead to termination of registration:
   (a) failure to pass any one of the courses in Part One;
   (b) failure to make adequate progress as required by the six-monthly progress reports in accordance with the guidelines published by the Doctoral Research Committee as assessed by the Supervisors, Head of Academic Unit, and the Doctoral Research Committee.

Schedule for the Doctor of Business and Administration

Part One: Provisional Registration

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.901</td>
<td>Advanced Research Seminar</td>
<td>30</td>
</tr>
<tr>
<td>115.902</td>
<td>Advanced Studies in Business and Administration</td>
<td>30</td>
</tr>
<tr>
<td>115.903</td>
<td>Advanced Directed Study in Business and Administration</td>
<td>30 P 115.901</td>
</tr>
<tr>
<td>115.910</td>
<td>Special Topic in an appropriate disciplinary area</td>
<td>30</td>
</tr>
</tbody>
</table>

Part Two: Full Registration

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.999</td>
<td>Thesis</td>
<td>240</td>
</tr>
</tbody>
</table>
will be failed. Under these circumstances the candidate shall not be permitted to be re-examined.

10. If further research and re-examination is required, the candidate will have a maximum of one year full time and eighteen months part time to conduct the required additional research and/or revisions. The candidate must re-enrol and pay tuition fees on a pro-rata basis. A candidate may only revise and resubmit a thesis for re-examination once. If the candidate does not complete the revisions to the satisfaction of all the examiners, the candidate will be failed. Under these circumstances the candidate shall not be permitted to be re-examined.

11. No appeals are allowed except on completion of the examination process on the grounds of procedural irregularities in the examination process. For an appeal to be considered, applications must be received by the Doctoral Research Committee within three months of formal notification of the examination result by the Graduate Research School.

Student Progression

12. For progression from Provisional Registration to Full Registration candidates must have:
   (a) achieved pass grades in courses 175.935 and 175.920;
   (b) participated in a confirmation event, during which they have presented their proposal to, and had it accepted by, a confirmation committee;
   (c) their proposed main supervisor and co-supervisor(s) approved by the Doctoral Research Committee.

13. Candidates are required to make successful progress in the thesis as determined by six-monthly progress reports in accordance with the guidelines published by the Doctoral Research Committee and assessed by the Supervisors, Head of Academic Unit, and the Doctoral Research Committee.

14. Candidates are required to successfully complete courses 175.936 and 175.921 prior to enrolling in 175.922 and undertaking clinical case study research.

15. Candidates must continue to satisfy the requirements for eligibility to practice as a Registered Psychologist in accordance with the Health Practitioners Competency Assurance Act of 2003, or as amended, throughout the duration of their studies.

Completion Requirements

16. A candidate’s period of registration (including provisional registration) shall be a minimum period of three years (36 months) and a maximum of four years (48 months) full time, unless a specified time of suspension or extension has been approved by the Doctoral Research Committee. Suspensions or extensions granted will appear on the academic transcript.

17. The maximum period of registration shall include:
   (a) completion of courses as listed in the Schedule to the Qualification;
   (b) submission of a thesis in the manner required under the published Doctoral Research Committee guidelines;
   (c) application for the thesis to be examined;
   (d) thesis examination (including, completion of any emendations or re-examination);
   (e) submission of four bound copies of the thesis;
   (f) practical oral examination of professional clinical competencies by an examination committee of qualified clinical psychologists including at least one external academic clinical psychologist from another University training programme and at least one external senior consultant clinical psychologist with prior experience of intern field supervision.

18. Candidates may be graduated when they meet the Admission, Qualification and Thesis requirements within the prescribed timeframes.

Unsatisfactory Academic Progress

19. For candidates enrolled in the Degree of Doctor of Clinical Psychology, the following will lead to termination of registration:
   (a) failure to pass any one of the taught courses in the Schedule for the Qualification;
   (b) failure to pass any one of the Practicum or Internship courses;
   (c) failure to make adequate progress as required by the six-monthly progress reports in accordance with the guidelines published by the Doctoral Research Committee as assessed by the Supervisors, Head of Academic Unit, and the Doctoral Research Committee.

Schedule for the Doctor of Clinical Psychology

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.920</td>
<td>Clinical Psychology Practicum A</td>
<td>15</td>
</tr>
<tr>
<td>175.921</td>
<td>Clinical Psychology Practicum B</td>
<td>15</td>
</tr>
<tr>
<td>175.922</td>
<td>Clinical Psychology Internship</td>
<td>60</td>
</tr>
<tr>
<td>175.935</td>
<td>Skills in Clinical Assessment</td>
<td>15</td>
</tr>
<tr>
<td>175.936</td>
<td>Skills in Clinical Interventions</td>
<td>15</td>
</tr>
<tr>
<td>175.991</td>
<td>Thesis Part A</td>
<td>90</td>
</tr>
<tr>
<td>175.992</td>
<td>Thesis Part B</td>
<td>90</td>
</tr>
<tr>
<td>175.993</td>
<td>Thesis Part C</td>
<td>60</td>
</tr>
</tbody>
</table>

The Degree of Doctor of Education

EdD

No new enrolments from 2016

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Degree of Doctor of Education requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a Bachelor of Education or Teaching with Honours, or Master of Education, or an equivalent, with the award of First Class or Second Class Division I Honours; and
   (c) have sufficient background and good standing in professional leadership in education to satisfy the Doctoral Research Committee they have the capacity to successfully undertake the programme.

Qualification Requirements

2. Candidates for the Degree of Doctor of Education shall follow a parts-based programme of study, which shall consist of courses and a thesis, totalling at least 360 credits, comprising:

(a) Part One: Provisional Registration; and
(b) Part Two: Full Registration
And including:
(c) the courses listed in the Schedule for the Qualification
(d) a thesis
(e) participation in required activities including presentation of a proposal at a confirmation event and defending a thesis in an oral examination.

Specialisations

3. The Degree of Doctor of Education is awarded without specialisation.

Thesis Requirements

4. The thesis must demonstrate the candidate’s ability to carry out independent research, which must make a significant contribution to knowledge and understanding in education. The thesis shall be a cohesive and integrated report of the candidate’s supervised work and may consist of several studies or cases, and will include the candidate’s published or unpublished material or a combination of both.

5. There shall be one main supervisor, who shall be a member of the academic staff of the University, and at least one co-supervisor who shall also be a member of the academic staff of the University.

6. The thesis must comply with the following requirements:
   (a) the work on which the thesis is based has not been accepted either in whole or in part for any other degree or diploma; and
1. Admission for consideration for the Degree of Doctor of Literature shall be as follows:

(a) meet the University admission requirements as specified; and

(b) must clearly define the nature and extent of any assistance the candidate has received in pursuing the research on which the thesis is based;

(c) reference to work other than that of the candidate must be appropriately acknowledged;

(d) all relevant policies underpinning research practice have been complied with;

(e) the thesis must not exceed 65,000 words (excluding appendices and bibliography);

(f) the thesis must be submitted for examination in the manner specified by the Doctoral Research Committee in accordance with the published guidelines.

7. The thesis will be independently examined by an Examination Panel experienced in the subject area, appointed by the Doctoral Research Committee in accordance with published guidelines, and will include an oral examination of the candidate on the thesis and the subject area. The oral examination will not proceed if the examiners agree that the thesis is of an inadequate standard.

8. The Thesis Examination Panel shall make a recommendation to the Doctoral Research Committee on the whole examination and will advise the result of the examination by using one of the following categories:

(a) Pass without emendation.

(b) Emendations required

(c) Further research and re-examination required.

(d) Fail. The candidate shall not be awarded the degree and shall not be permitted to apply for re-examination.

9. If emendations are required the candidate will have a maximum of six months full time, or nine months part time, to complete the emendations and during this time the candidate will not be required to re-enrol. The candidate must complete the emendations to the satisfaction of the nominated examiner(s) or the candidate will be failed. Under these circumstances the candidate shall not be permitted to be re-examined. A candidate may only submit emendations for re-examination once.

10. If further research and re-examination is required, the candidate will have a maximum of one year full time and eighteen months part time to conduct the required additional research and/or revisions. The candidate must re-enrol and pay tuition fees on a pro-rata basis. A candidate may only revise and resubmit a thesis for re-examination once. If the candidate does not complete the revisions to the satisfaction of all the examiners, the candidate will be failed. Under these circumstances the candidate shall not be permitted to be re-examined.

11. No appeals are allowed except on completion of the examination process on the grounds of procedural irregularities in the examination process. For an appeal to be considered, applications must be received by the Doctoral Research Committee within three months from formal notification of the examination result by the Graduate Research School.

Student Progression

12. For progression from Provisional Registration to Full Registration candidates must have:

(a) achieved a grade average of B+ or higher across the courses specified for the Provisional Registration;

(b) participated in a confirmation event, during which they have presented their proposal to, and had it accepted by, a confirmation committee;

(c) their proposed main supervisor and co-supervisor(s) approved by the Doctoral Research Committee.

13. Candidates are required to make successful progress in the thesis as determined by six-monthly progress reports in accordance with the guidelines published by the Doctoral Research Committee and assessed by the Supervisors, Head of Academic Unit, and the Doctoral Research Committee.

Completion Requirements

14. A candidate’s period of registration (including provisional registration) shall be a minimum period of three years (36 months) and a maximum of four years (48 months) if full time, and a minimum period of four years (48 months) and a maximum of six years (72 months) if part-time, unless a specified time of suspension or extension has been approved by the Doctoral Research Committee. Suspensions or extensions granted will appear on the academic transcript.

15. The maximum period of registration shall include:

(a) completion of courses as listed in the Schedule to the Qualification;

(b) submission of a thesis in the manner required under the published Doctoral Research Committee guidelines;

(c) application to be examined;

(d) examination (including, completion of any emendations or re-examination);

(e) submission of four bound copies and one electronic copy of the final thesis.

16. Candidates may be graduated when they meet the Admission, Qualification and Thesis requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Education should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

17. For candidates enrolled in the Degree of Doctor of Education, the following will lead to termination of registration:

(a) failure to pass any one of the courses in Part One;

(b) failure to make adequate progress as required by the six-monthly progress reports in accordance with the guidelines published by the Doctoral Research Committee as assessed by the Supervisors, Head of Academic Unit, and the Doctoral Research Committee.

Schedule for the Doctor of Education

Part I: Provisional Registration

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>267.911</td>
<td>Advanced Professional Education</td>
<td>30</td>
</tr>
<tr>
<td>267.912</td>
<td>Advanced Studies in Education</td>
<td>30</td>
</tr>
<tr>
<td>267.913</td>
<td>Advanced Research and Evaluation Methodology</td>
<td>30</td>
</tr>
<tr>
<td>267.929</td>
<td>Advanced Directed Study in Education</td>
<td>30</td>
</tr>
</tbody>
</table>

Part II: Full Registration

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>267.930</td>
<td>Thesis Doctor of Education</td>
<td>240</td>
</tr>
</tbody>
</table>

The Degree of Doctor of Literature

DLitt

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission for consideration for the Degree of Doctor of Literature requires that the candidate will:

(a) meet the University admission requirements as specified; and

(b) be a graduate of a Massey University degree; and

(c) not present themselves for consideration until at least 10 years after graduation in a qualifying degree; and

(d) not previously have applied for examination within the preceding five years, and only then will application be considered on the basis of significant new work.

Qualification Requirements

2. The Degree of Doctor of Literature shall be awarded for original contribution(s) of special excellence to knowledge in the fields of Humanities or Social Sciences. This will have been published in the form of scholarly papers and/or books or creative works or performances.
The Degree of Doctor of Philosophy

PhD

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Degree of Doctor of Philosophy requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a Master’s degree or Bachelor Honours degree with First or Second Class Honours Division One, or an equivalent qualification; and
   (c) have sufficient independent research experience to satisfy the Doctoral Research Committee that they have the capacity to successfully undertake the programme.

Qualification Requirements

2. Candidates for the Doctor of Philosophy shall follow a parts based programme of study which shall consist of a thesis totalling at least 360 credits, comprising:
   (a) Part One: Provisional Registration;
   (b) Part Two: Full Registration;
   And including:
   (c) a thesis;
   (d) participation in required activities including presentation of a research presentation at a confirmation event and defending a thesis in an oral examination.

Specialisations

3. The Degree of Doctor of Philosophy is awarded without specialisation.

Thesis Requirements

4. The thesis must demonstrate the candidate’s ability to carry out independent research, which must make a significant contribution to knowledge and understanding of a field of study. The thesis shall be a cohesive and integrated report of the candidate’s supervised work and may consist of several studies or cases, and will include the candidate’s published or unpublished material or a combination of both.

5. Theses based upon publications must have an appropriate introduction, including research objectives, and a comprehensive conclusion which clearly identifies the original contribution to knowledge of the subject with which it deals. The thesis must work as an integrated whole, and linking sections may also be used to this end.

6. Candidates submitting a thesis in the creative and performing arts shall prepare a presentation which consists of creative component and exegesis. The creative works and/or performance should take a form appropriate to the discipline.

7. There shall be one main supervisor, who shall be a member of the academic staff of the University, and at least one co-supervisor who shall also be a member of the academic staff of the University; all supervisors, including any additional co-supervisors, must be approved by the Doctoral Research Committee.

8. The thesis must comply with the following requirements:
   (a) the work on which the thesis is based has not been accepted either in whole or in part for any other degree or diploma; and
   (b) must clearly define the nature and extent of any assistance the candidate has received in pursuing the research on which the work(s) is based;
   (c) reference to work other than that of the candidate must be appropriately acknowledged;
   (d) all relevant policies underpinning research practice have been complied with;
   (e) must be submitted for examination in the manner specified by the Doctoral Research Committee in accordance with the published guidelines.

5. The work(s) will be independently examined by an Examination Committee experienced in the subject area, appointed by the Doctoral Research Committee in accordance with published guidelines.

6. The Examination Committee shall make a recommendation to the Doctoral Research Committee on the whole examination and will advise the result of the examination by using one of the following categories:
   (a) Pass.
   (b) Fail.

7. No appeals are allowed except on completion of the examination process on the grounds of procedural irregularities in the examination process. For an appeal to be considered, applications must be received by the Doctoral Research Committee within three months of formal notification of the examination result by the Graduate Research School.

Student Progression

8. Applications will only proceed to Examination at the discretion of the Doctoral Research Committee on the recommendation of an Assessor appointed to judge the suitability of the application, the key elements of the work(s), and the contribution to knowledge.
the examination panel or the candidate will be failed. Under these circumstances the candidate shall not be permitted to be re-examined.

13. If further research and re-examination is required, the candidate will have a maximum of one year full-time and eighteen months part time to conduct the required additional research and emendations. The candidate must re-enrol and pay tuition fees on a pro-rata basis. A candidate may only revise and resubmit a thesis for re-examination once. If the candidate does not complete the emendations to the satisfaction of all of the examiners, the candidate will be failed. Under these circumstances the candidate shall not be permitted to be re-examined.

14. No appeals are allowed except on completion of the examination process on the grounds of procedural irregularities in the examination process. For an appeal to be considered, applications must be received by the Doctoral Research Committee within three months of formal notification of the examination result by the Graduate Research School.

Student Progression

15. Candidates are required to make successful progress in the thesis as determined by six-monthly progress reports in accordance with the guidelines published by the Doctoral Research Committee and assessed by the Supervisors, Head of Academic Unit, and the Doctoral Research Committee.

16. For progression from Provisional Registration to Full Registration candidates must have participated in a confirmation event, during which they have presented their proposal to, and had it accepted by, a confirmation committee; the confirmation event must be held within 12 months from commencement of provisional registration if candidacy is full time and within 18 months if part time.

Completion Requirements

17. A candidate’s period of registration (including provisional registration) shall normally be a minimum period of three years (36 months) and a maximum of four years (48 months) if full time, and a minimum period of 55 months and a maximum period of six years (72 months) if part-time, unless a specified time of suspension or extension has been approved by the Doctoral Research Committee. Suspensions or extensions granted will appear on the academic transcript.

18. The maximum period of registration shall include:

(a) submission of a thesis in the manner required under the published Doctoral Research Committee guidelines;
(b) application to be examined, including submission of the thesis for examination;
(c) examination (including, completion of any emendations or re-examination);
(d) submission of four bound copies of the final thesis as approved by the Examination Committee.

19. Candidates may be graduated when they meet the Admission, Qualification and Thesis requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded an exit qualification should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

20. For candidates enrolled in the Degree of Doctor of Philosophy, the following will lead to termination of registration:

(a) failure to make adequate progress as required by the six-monthly progress reports in accordance with the guidelines published by the Doctoral Research Committee as assessed by the Supervisors, Head of Academic Unit, and the Doctoral Research Committee;
(b) failure to successfully complete the confirmation event within the stated timeframes.

The Degree of Doctor of Science  
DSc

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission for consideration for the Degree of Doctor of Science requires that the candidate will:
(a) meet the University admission requirements as specified; and
(b) be a graduate of a Massey University degree; and
(c) not present themselves for consideration until at least 10 years after graduation in a qualifying degree; and
(d) not previously have applied for examination within the preceding five years, and only then will application be considered on the basis of significant new work.

Qualification Requirements

2. The Degree of Doctor of Science shall be awarded for original contribution(s) of special excellence to knowledge in science. This will have been published in the form of scholarly papers and/or books. Additional unpublished work may be submitted in support of the application.

Specialisations

3. The Degree of Doctor of Science is awarded without specialisation.

Examination Requirements

4. Applications will only proceed to Examination at the discretion of the Doctoral Research Committee on the recommendation of an Assessor appointed to judge the suitability of the application, the key elements of the work(s), and the contribution to knowledge.

5. The submitted work(s) must comply with the following requirements:
(a) the work(s) has not been accepted either in whole or in part for any other degree or diploma; and
(b) must clearly define the nature and extent of any assistance the candidate has received in pursuing the research on which the work(s) is based;
(c) reference to work other than that of the candidate must be appropriately acknowledged;
(d) all relevant policies underpinning research practice have been complied with;
(e) must be submitted for examination in the manner specified by the Doctoral Research Committee in accordance with the published guidelines.

6. The work(s) will be independently examined by an Examination Committee experienced in the subject area, appointed by the Doctoral Research Committee in accordance with published guidelines.

7. The Examination Committee shall make a recommendation to the Doctoral Research Committee on the whole examination and will advise the result of the examination by using one of the following categories:
(a) Pass;
(b) Fail.

8. No appeals are allowed except on completion of the examination process on the grounds of procedural irregularities in the examination process. For an appeal to be considered, applications must be received by the Doctoral Research Committee within three months of formal notification of the examination result by the Graduate Research School.
The Degree of Doctor of Social Work  
**DSW**

**Qualification Regulations**

**Part I**
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

**Admission**
1. Admission to the Degree of Doctor of Social Work requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a Master of Applied Social Work or Master of Social Work, or an equivalent Social Work qualification which includes a research component, with the award of First Class or Second Class Division I honours; and
   (c) have sufficient background and good standing in professional social work to satisfy the Doctoral Research Committee they have the capacity to successfully undertake the programme.

**Qualification Requirements**
2. Candidates for the Degree of Doctor of Social Work shall follow a parts-based programme of study, which shall consist of courses and a thesis totalling at least 360 credits, comprising:
   (a) Part One: Provisional Registration; and
   (b) Part Two: Full Registration;
   And including:
   (c) the courses listed in the Schedule for the Qualification;
   (d) a thesis;
   (e) participation in required activities including presentation of a proposal at a confirmation event and defending a thesis in an oral examination.

**Specialisations**
3. The Degree of Doctor of Social Work is awarded without specialisation.

**Thesis Requirements**
4. The thesis must demonstrate the candidate’s ability to carry out independent research, which must make a significant contribution to knowledge and understanding in professional social work. The thesis shall be a cohesive and integrated report of the candidate’s supervised work and may consist of several studies or cases, and will include the candidate’s published or unpublished material or a combination of both.

5. There shall be one main supervisor, who shall be a member of the academic staff of the University, and at least one co-supervisor who shall also be a member of the academic staff of the University.

6. The thesis must comply with the following requirements:
   (a) the work on which the thesis is based has not been accepted either in whole or in part for any other degree or diploma; and
   (b) must clearly define the nature and extent of any assistance the candidate has received in pursuing the research on which the thesis is based;
   (c) reference to work other than that of the candidate must be appropriately acknowledged;
   (d) all relevant policies underpinning research practice have been complied with as appropriate; and
   (e) the thesis must not exceed 65,000 words (excluding appendices and bibliography);
   (f) the thesis must be submitted for examination in the manner specified by the Doctoral Research Committee in accordance with the published guidelines.

7. The thesis will be independently examined by an Examination Committee experienced in the subject area, appointed by the Doctoral Research Committee in accordance with published guidelines, and will include an oral examination of the candidate on the thesis and the subject area. The oral examination will not proceed if the examiners agree that the thesis is of an inadequate standard.

8. The Thesis Examination Committee shall make a recommendation to the Doctoral Research Committee on the whole examination and will advise the result of the examination by using one of the following categories:
   (a) Pass without emendation.
   (b) Emendations required.
   (c) Further research and re-examination required.
   (d) Fail. The candidate shall not be awarded the degree and shall not be permitted to apply for re-examination.

9. If emendations are required the candidate will have a maximum of six months full time, or nine months part time, to complete the emendations to the satisfaction of the examiner(s) or the candidate will be failed. Under these circumstances the candidate shall not be permitted to be re-examined. A candidate may only submit emendations for re-examination once.

10. If further research and re-examination is required, the candidate will have a maximum of one year full-time or eighteen months part time to conduct the required additional research and/or revisions. The candidate must re-enrol and pay tuition fees on a pro-rata basis. A candidate may only revise and resubmit a thesis for re-examination once. If the candidate does not complete the revisions to the satisfaction of all the examiners, the candidate will be failed. Under these circumstances the candidate shall not be permitted to be re-examined.

11. No appeals are allowed except on completion of the examination process on the grounds of procedural irregularities in the examination process. For an appeal to be considered, applications must be received by the Doctoral Research Committee within three months of formal notification of the examination result by the Graduate Research School.

**Student Progression**
12. For progression from Provisional Registration to Full Registration candidates must have:
   (a) achieved a B+ or higher for each of the courses specified for the Provisional Registration;
   (b) participated in a confirmation event, during which they have presented their proposal to, and had it accepted by, a confirmation committee;
   (c) their main proposed supervisor and co-supervisor(s) approved by the Doctoral Research Committee.

13. Candidates are required to make successful progress in the thesis as determined by six-monthly progress reports in accordance with the guidelines published by the Doctoral Research Committee and assessed by the Supervisor and the Doctoral Research Committee.

**Completion Requirements**
14. A candidate’s period of registration (including provisional registration) shall be a minimum period of three years (36 months) and a maximum of four years (48 months) if full time, and a minimum period of four years (48 months) and a maximum of six years (72 months) if part-time, unless a specified time of suspension or extension has been approved by the Doctoral Research Committee. Suspensions or extensions granted will appear on the academic transcript.

15. The maximum period of registration shall include:
   (a) completion of courses as listed in the Schedule to the Qualification;
   (b) submission of a thesis in the manner required under the published Doctoral Research Committee guidelines;
   (c) application to be examined;
   (d) examination (including, completion of any emendations or re-examination);
   (e) submission of four bound copies of the thesis.

16. Candidates may be graduated when they meet the Admission, Qualification and Thesis requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Social Work or Postgraduate Certificate in Social Work should they meet the relevant Qualification requirements.
Unsatisfactory Academic Progress

17. For candidates enrolled in the Degree of Doctor of Social Work, the following will lead to termination of registration:

(a) Failure to achieve a B+ or higher for each of the courses specified for the Provisional Registration in Part One;

(b) Failure to make adequate progress with the objectives established in the six-monthly progress reports in accordance with the guidelines published by the Doctoral Research Committee as assessed by the Supervisors, Head of Academic Unit and the Doctoral Research Committee.

Schedule for the Doctor of Social Work

Part One: Provisional Registration

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>179.911</td>
<td>Advanced Social Work and Social Development Theory</td>
<td>30</td>
</tr>
<tr>
<td>179.912</td>
<td>Advanced Studies in International Social Work</td>
<td>30</td>
</tr>
<tr>
<td>179.913</td>
<td>Advanced Social Work Research and Evaluation</td>
<td>30</td>
</tr>
<tr>
<td>179.929</td>
<td>Advanced Directed Study in Social Work</td>
<td>30</td>
</tr>
</tbody>
</table>

Part Two: Full Registration

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>179.930</td>
<td>Thesis Doctor of Social Work</td>
<td>240</td>
</tr>
</tbody>
</table>

C Corequisite
P Prerequisite
R Restriction
The Degree of Master of Advanced Leadership Practice……. 83
The Degree of Master of AgriCommerce ………………… 84
The Degree of Master of Agriculture …………………… 85
The Degree of Master of AgriScience* …………………… 86
The Degree of Master of Analytics ……………………. 88
The Degree of Master of Applied Economics* …………. 89
The Degree of Master of Applied Linguistics …………. 90
The Degree of Master of Applied Social Work …………. 90
The Degree of Master of Applied Statistics …………. 91
The Degree of Master of Arts ………………………… 92
The Degree of Master of Aviation ……………………… 96
The Degree of Master of Business Administration ……… 97
The Degree of Master of Business Studies ……………… 98
The Degree of Master of Clinical Psychology ………… 101
The Degree of Master of Communication ……………… 102
The Degree of Master of Construction …………………… 103
The Degree of Master of Counselling Studies ………… 104
The Degree of Master of Creative Enterprise ………… 105
The Degree of Master of Creative Writing ………… 105
The Degree of Master of Dairy Science and Technology … 106
The Degree of Master of Design ……………………… 106
The Degree of Master of Education …………………….. 107
The Degree of Master of Educational Administration and Leadership* … 109
The Degree of Master of Educational and Developmental Psychology‡ … 110
The Degree of Master of Educational Psychology+ …… 111
The Degree of Master of Emergency Management ……… 112
The Degree of Master of Engineering …………………… 113
The Degree of Master of Engineering Studies ………… 113
The Degree of Master of Environmental Management … 114
The Degree of Master of Finance ……………………… 116
The Degree of Master of Fine Arts ……………………… 117

* No new enrolments
+ No new enrolments from 2019
‡ No enrolments until 2019

The Degree of Master of Food Safety and Quality ……… 117
The Degree of Master of Food Technology ……………… 118
The Degree of Master of Health Science ………………… 119
The Degree of Master of Information Sciences ………… 120
The Degree of Master of International Development …… 122
The Degree of Master of International Security ………… 123
The Degree of Master of Journalism …………………….. 123
The Degree of Master of Literacy Education* ………… 124
The Degree of Master of Management …………………… 125
The Degree of Master of Māori and Indigenous Business … 127
The Degree of Master of Māori Visual Arts …………….. 128
The Degree of Master of Natural Sciences+ ………… 129
The Degree of Master of Nursing ……………………… 130
The Degree of Master of Philosophy …………………….. 131
The Degree of Master of Professional Accountancy and Finance … 131
The Degree of Master of Professional Public Relations … 132
The Degree of Master of Public Health …………………… 133
The Degree of Master of Quality Systems ………………. 134
The Degree of Master of Resource and Environmental Planning … 135
The Degree of Master of Science ……………………… 136
The Degree of Master of Social Work …………………… 145
The Degree of Master of Specialist Teaching ………….. 146
The Degree of Master of Speech and Language Therapy … 147
The Degree of Master of Sport and Exercise ………….. 147
The Degree of Master of Sport Management ………….. 149
The Degree of Master of Supply Chain Management …… 149
The Degree of Master of Teaching and Learning ……… 150
The Degree of Master of Teaching English to Speakers of Other Languages Leadership* ……………… 151
The Degree of Master of Veterinary Medicine …………. 152
The Degree of Master of Veterinary Science …………. 153
The Degree of Master of Veterinary Studies …………. 153

The Degree of Master of Advanced Leadership Practice
MALP

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Degree of Master of Advanced Leadership Practice requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a Bachelor’s degree or equivalent qualification, having achieved a grade average of at least a B in the highest level courses;
   (c) be sponsored by an organisation with which they have a relationship akin to employment, cadetship, or other, whereby access to data, operations, and decision-making processes, are made available, along with provision of supervision and mentorship;
   (d) be selected into the programme on the basis of an interview and written exercise.

2. Notwithstanding the requirements of Regulation 1(c), candidates may be admitted to the Degree without a sponsor, should an alternative placement structure be approved by Academic Board.

Qualification Requirements

3. Candidates for the Master of Advanced Leadership Practice shall follow a parts-based programme of study, which shall consist of courses totalling at least 180 credits at 700 and 800 level comprising:
   (a) Part One and Part Two as defined by the Schedule to the Degree;
   (b) attending field trips, studios, workshops, tutorials, and laboratories as required.

Specialisation

4. The Degree of Master of Advanced Leadership Practice is awarded without specialisation.
Academic Requirements

5. In accordance with Regulations 1(c) and 2, Candidates must hold their position with their sponsoring organisation throughout the duration of the programme.

Student Progression

6. For progression from Part One to Part Two, candidates must have achieved a Grade of at least B for the Part One courses.

7. In cases of sufficient merit, the Degree of Master of Advanced Leadership Practice may be awarded with Distinction or Merit.

Completion Requirements

8. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes. Candidates who do not meet the requirements for progression from Part One to Part Two, or who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Business or the Postgraduate Certificate in Business should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

10. The general Unsatisfactory Academic Progress regulations will apply.

Schedule of Courses for the Master of Advanced Leadership Practice

Part One

Compulsory courses (120 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.776</td>
<td>Advanced Leadership</td>
<td>60</td>
</tr>
<tr>
<td>115.777</td>
<td>Leadership Practice</td>
<td>60</td>
</tr>
</tbody>
</table>

Part Two (60 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.877</td>
<td>Leadership Practice Report</td>
<td>60</td>
</tr>
</tbody>
</table>

The Degree of Master of AgriCommerce

MAgriCommerce

Programme Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Degree of Master of AgriCommerce requires that the candidate will:
   (a) meet the University admission requirements as specified;
   (b) awarded or qualified for a Bachelor of AgriCommerce having achieved a B grade average or higher over the qualifying 300-level courses, or equivalent; or
   (c) awarded or qualified for a Bachelor of AgriCommerce with Honours having achieved Second Class Honours, Division I or higher or a Postgraduate Diploma in AgriCommerce having achieved a B+ grade average or higher, or equivalent.

Qualification Requirements

2. Candidates for the Degree of Master of AgriCommerce shall follow a parts-based programme of study, which shall consist of courses totalling at least 180 credits, comprising:
   (a) completion of Part One and Part Two as defined by the Schedule of the Degree;
   (b) at least 60 credits at 800 level;
   (c) no more than a total of 30 credits of approved Special Topic or professional development courses.

3. Notwithstanding Regulation 2, the programme of study for candidates admitted under Regulation 1(c) will consist of 120 credits from the Schedule to the Degree, including at least 90 credits at 800 level from the Part Two Schedule.

Specialisations

4. The Degree of Master of AgriCommerce is awarded without specialisations.

Student Progression

5. For progression from Part One to Part Two (Thesis Pathway), candidates must have achieved a Grade Average of B+ or higher over the first 60 credits undertaken for Part One.

6. For progression from Part One to Part Two (Professional Pathway), candidates must have achieved a Grade Average of B- or higher over the first 60 credits undertaken for Part One.

7. In cases of sufficient merit, the Degree of Master of AgriCommerce may be awarded with Distinction or Merit.

Completion Requirements

8. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in AgriCommerce should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

10. The general Unsatisfactory Academic Progress regulations will apply.

Schedule of Courses for the Master of AgriCommerce

Research Pathway

Part One

Compulsory courses (45 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>112.747</td>
<td>International Food and Agribusiness Strategies</td>
<td>15</td>
</tr>
<tr>
<td>119.729</td>
<td>Research Methods</td>
<td>15</td>
</tr>
<tr>
<td>178.740</td>
<td>Global Food Markets and Trade</td>
<td>15</td>
</tr>
</tbody>
</table>

Elective courses (45 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>112.701</td>
<td>Farm Management</td>
<td>30</td>
</tr>
<tr>
<td>112.702</td>
<td>International Agri-Food Marketing Strategies</td>
<td>15</td>
</tr>
<tr>
<td>112.743</td>
<td>Cooperative Governance and Management</td>
<td>15</td>
</tr>
<tr>
<td>119.752</td>
<td>Advanced Farm and Horticultural Management</td>
<td>15 P 119.381, 119.382, 119.358, R 111.752, 119.751</td>
</tr>
<tr>
<td>119.791</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>119.792</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>178.742</td>
<td>Environmental Economics for Non-Economists</td>
<td>15 R 178.360, 178.762</td>
</tr>
<tr>
<td>178.755</td>
<td>Economic Growth, International and Development Economics</td>
<td>30 P Any Undergraduate-level Economics course or 178.703; R 178.750, 178.770</td>
</tr>
<tr>
<td>247.791</td>
<td>Special Topic in Data Analysis</td>
<td>15</td>
</tr>
<tr>
<td>284.703</td>
<td>Vegetable Production Science</td>
<td>15 R 171.722, 171.724, 284.701, 284.702</td>
</tr>
<tr>
<td>284.704</td>
<td>Fruit Production Science</td>
<td>15 R 171.722, 171.724, 284.701, 284.702</td>
</tr>
</tbody>
</table>

Part Two (90 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>239.888</td>
<td>Thesis</td>
<td>90</td>
</tr>
<tr>
<td>239.885</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>239.886</td>
<td>Thesis 90 Credit Part 2</td>
<td>45 C 239.885</td>
</tr>
</tbody>
</table>
The Degree of Master of Agriculture
MAgr

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Master of Agriculture requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for the Bachelor of AgriScience with a major in the intended postgraduate subject, or equivalent; and
   (c) have achieved a B grade average over the 300-level majoring courses of the qualification(s) considered for admission, or equivalent.

Qualification Requirements

2. Candidates for the Master of Agriculture shall follow a parts-based programme of study, which shall consist of 700- and 800-level courses totalling at least 180 credits, comprising:
   (a) Parts One and Two as specified in the Schedule to the Degree;
   (b) at least 60 credits at 800 level;
   and including:
   (c) any compulsory courses listed in Schedule A to the Qualification;
   (d) at least 150 credits from the Schedule for the Qualification;
   (e) no more than 45 credits of Special Topic courses;
   (f) no more than 30 credits of professional development (5 credit) courses;
   (g) attending field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations

3. The degree of Master of Agriculture may be awarded with or without a subject.
4. Candidates may complete a subject by passing at least 105 credits in a subject, including a research report of 60 credits in that subject. The requirements for each subject are set out in the Schedule for the Qualification.
5. Subjects available in the Master of Agriculture are: Agriculture, Equine, Horticulture and Life Cycle Management.

Student Progression

6. For progression from Part One to Part Two, candidates must have achieved a Grade Average of B over the first 90 credits undertaken for Part One, which must include the compulsory course 119.720.
7. In cases of sufficient merit, the Degree of Master of Agriculture may be awarded with Distinction or Merit.

Completion Requirements

8. The timeframes for completion as outlined in General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Science and Technology (PGCertScTech) should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

10. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Master of Agriculture

Part One (120 credits)

Schedule A: Compulsory Qualification Course

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>119.720</td>
<td>Applied Agriculture Research Methods</td>
<td>15</td>
</tr>
</tbody>
</table>

Schedule B: Part One Subject Requirements

Agriculture (45 credits)

45 credits at 700 level selected from at least two subject areas (denoted by prefix number) from the 117, 119, 189, 238 and 283 prefix courses listed in Schedule C to the qualification.

Equine (45 credits)

286.711 Equine Science 15  R 117.763
286.701 Advanced Equine Production 15  R 117.777

15 credits at 700 level selected from the 112, 117, 119 and 283 prefix courses listed in Schedule C to the qualification.

Horticulture (45 credits)

30 credits from:
284.703 Vegetable Production Science 15  R 171.722, 171.724, 284.701, 284.702
284.704 Fruit Production Science 15  R 171.722, 171.724, 284.701, 284.702

15 credits at 700 level from 119, 189, 283, 284 and 285 prefix courses listed in Schedule C to the qualification.

Life Cycle Management (45 credits)

238.700 Life Cycle Assessment (LCA) and Footprinting Principles 15  P 160.1xx or 161.1xx
238.711 Life Cycle Assessment and Footprinting Case Studies 15  P 238.700
1. Admission to the Master of AgriScience requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   have been awarded or qualified for the
   (b) Bachelor of AgriScience with a major in the intended postgraduate subject, or an equivalent qualification, with a minimum B+ average over the 300-level courses; or
   (c) Bachelor of AgriScience (Honours) or an equivalent qualification, with a minimum B average; or
   (d) Postgraduate Diploma in AgriScience or an equivalent qualification, with a minimum B average; or
   (e) Bachelor of AgriScience or an equivalent qualification and have extensive relevant practical, professional or scholarly experience.

Qualification Requirements
2. Candidates for the Master of AgriScience shall follow a flexible course of study, which shall consist of courses totalling at least 240 credits at 700 and 800 level, comprising:
   (a) at least 210 credits from the Schedule for the Qualification;
   (b) a thesis of at least 90 credits;
   (c) no more than 30 credits of professional development courses; and including:
   (d) any compulsory courses listed in the Schedule for the Qualification;
   (e) attending contact workshops, block courses, field trips, studios, workshops, tutorials and laboratories as required.

3. Notwithstanding Regulation 2, the programme of study for candidates admitted via Regulations 1(c), (d) and (e) shall consist of courses totalling at least 120 credits, comprising:
   (a) a thesis of at least 90 credits, as defined by the Schedule for the Qualification;
   (b) no more than 30 credits of professional development courses; and including:
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
4. The Master of AgriScience may be awarded with or without a subject.
5. Candidates may complete a subject by passing at least 105 credits in a subject.
6. Subjects available are: Agriculture; Equine; Horticulture; and Life Cycle Management.

Student Progression
7. In cases of sufficient merit, the Master of AgriScience may be awarded with a class of Honours.

Completion Requirements
8. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Science and Technology should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

10. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Master of AgriScience

Core courses (15 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>119.728</td>
<td>Research Practice</td>
<td>15</td>
</tr>
<tr>
<td>119.729</td>
<td>Research Methods</td>
<td>15</td>
</tr>
</tbody>
</table>

**Agriculture (at least 105 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>117.761</td>
<td>Ruminant Livestock Feeding</td>
<td>15</td>
</tr>
<tr>
<td>117.762</td>
<td>Intensive Livestock Feeding</td>
<td>15</td>
</tr>
<tr>
<td>117.764</td>
<td>Growth and Meat Science</td>
<td>15</td>
</tr>
<tr>
<td>117.765</td>
<td>Genetics and Breeding</td>
<td>15</td>
</tr>
<tr>
<td>117.767</td>
<td>Reproduction and Fertility</td>
<td>15</td>
</tr>
<tr>
<td>117.768</td>
<td>Metabolism and Endocrinology</td>
<td>15</td>
</tr>
<tr>
<td>117.771</td>
<td>Lactation and Milk Production</td>
<td>15</td>
</tr>
<tr>
<td>117.772</td>
<td>Dairy Production</td>
<td>15</td>
</tr>
<tr>
<td>117.773</td>
<td>Sheep Production</td>
<td>15</td>
</tr>
<tr>
<td>117.774</td>
<td>Beef Cattle Production</td>
<td>15</td>
</tr>
<tr>
<td>117.775</td>
<td>Pig Production</td>
<td>15</td>
</tr>
<tr>
<td>117.776</td>
<td>Poultry Production</td>
<td>15</td>
</tr>
<tr>
<td>117.784</td>
<td>Advanced Studies in Animal Science</td>
<td>30</td>
</tr>
<tr>
<td>119.710</td>
<td>Nutrient Management in Grazed Pasture Systems</td>
<td>30</td>
</tr>
<tr>
<td>119.711</td>
<td>Nutrient Management in Arable Systems</td>
<td>15</td>
</tr>
<tr>
<td>119.728</td>
<td>Research Practice</td>
<td>15</td>
</tr>
<tr>
<td>119.729</td>
<td>Research Methods</td>
<td>15</td>
</tr>
<tr>
<td>119.731</td>
<td>Topics in Agricultural Extension and Consultancy</td>
<td>15</td>
</tr>
<tr>
<td>119.791</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>119.792</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>189.752</td>
<td>Advanced Soil Fertility</td>
<td>30</td>
</tr>
<tr>
<td>189.753</td>
<td>Soil and Land Evaluation</td>
<td>30</td>
</tr>
<tr>
<td>189.754</td>
<td>Soil and Water Pollution</td>
<td>30</td>
</tr>
<tr>
<td>189.755</td>
<td>Advanced Soil Conservation</td>
<td>15</td>
</tr>
<tr>
<td>189.758</td>
<td>Advanced Soil Water Management</td>
<td>15</td>
</tr>
<tr>
<td>189.759</td>
<td>Advanced Studies in Soil Science</td>
<td>30</td>
</tr>
<tr>
<td>238.700</td>
<td>Life Cycle Assessment (LCA) and Footprinting Principles</td>
<td>15</td>
</tr>
<tr>
<td>238.710</td>
<td>Life Cycle Assessment and Footprinting Methods</td>
<td>15</td>
</tr>
<tr>
<td>238.701</td>
<td>Advanced Life Cycle Assessment and Footprinting Theory</td>
<td>15</td>
</tr>
<tr>
<td>238.751</td>
<td>Agricultural Greenhouse Gas Emission Science</td>
<td>15</td>
</tr>
<tr>
<td>238.798</td>
<td>Research Report</td>
<td>30</td>
</tr>
<tr>
<td>283.701</td>
<td>Advanced Pasture Production and Practice</td>
<td>15</td>
</tr>
<tr>
<td>283.702</td>
<td>Advanced Agronomy</td>
<td>30</td>
</tr>
<tr>
<td>283.707</td>
<td>Plant Breeding</td>
<td>30</td>
</tr>
</tbody>
</table>

**Equine**

Compulsory courses (30 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>286.701</td>
<td>Advanced Equine Production</td>
<td>15</td>
</tr>
</tbody>
</table>

**At least 75 credits from:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>112.747</td>
<td>International Food and Agribusiness Strategies</td>
<td>15</td>
</tr>
<tr>
<td>117.761</td>
<td>Ruminant Livestock Feeding</td>
<td>15</td>
</tr>
<tr>
<td>117.762</td>
<td>Intensive Livestock Feeding</td>
<td>15</td>
</tr>
<tr>
<td>117.764</td>
<td>Growth and Meat Science</td>
<td>15</td>
</tr>
<tr>
<td>117.765</td>
<td>Genetics and Breeding</td>
<td>15</td>
</tr>
<tr>
<td>117.767</td>
<td>Reproduction and Fertility</td>
<td>15</td>
</tr>
<tr>
<td>117.768</td>
<td>Metabolism and Endocrinology</td>
<td>15</td>
</tr>
<tr>
<td>117.769</td>
<td>Lactation and Milk Production</td>
<td>15</td>
</tr>
<tr>
<td>117.771</td>
<td>Dairy Production</td>
<td>15</td>
</tr>
<tr>
<td>117.772</td>
<td>Sheep Production</td>
<td>15</td>
</tr>
<tr>
<td>117.773</td>
<td>Beef Cattle Production</td>
<td>15</td>
</tr>
<tr>
<td>117.774</td>
<td>Pig Production</td>
<td>15</td>
</tr>
<tr>
<td>117.775</td>
<td>Deer Production</td>
<td>15</td>
</tr>
<tr>
<td>117.776</td>
<td>Poultry Production</td>
<td>15</td>
</tr>
<tr>
<td>117.784</td>
<td>Advanced Studies in Animal Science</td>
<td>30</td>
</tr>
<tr>
<td>119.710</td>
<td>Nutrient Management in Grazed Pasture Systems</td>
<td>30</td>
</tr>
<tr>
<td>119.711</td>
<td>Nutrient Management in Arable Systems</td>
<td>15</td>
</tr>
<tr>
<td>119.728</td>
<td>Research Practice</td>
<td>15</td>
</tr>
<tr>
<td>119.729</td>
<td>Research Methods</td>
<td>15</td>
</tr>
<tr>
<td>119.731</td>
<td>Topics in Agricultural Extension and Consultancy</td>
<td>15</td>
</tr>
<tr>
<td>119.791</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>119.792</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>189.752</td>
<td>Advanced Soil Fertility</td>
<td>30</td>
</tr>
<tr>
<td>189.753</td>
<td>Soil and Land Evaluation</td>
<td>30</td>
</tr>
<tr>
<td>189.755</td>
<td>Soil and Water Pollution</td>
<td>30</td>
</tr>
<tr>
<td>189.757</td>
<td>Advanced Soil Conservation</td>
<td>15</td>
</tr>
<tr>
<td>189.758</td>
<td>Advanced Soil Water Management</td>
<td>15</td>
</tr>
<tr>
<td>189.759</td>
<td>Advanced Studies in Soil Science</td>
<td>30</td>
</tr>
<tr>
<td>238.700</td>
<td>Life Cycle Assessment (LCA) and Footprinting Principles</td>
<td>15</td>
</tr>
<tr>
<td>238.710</td>
<td>Life Cycle Assessment and Footprinting Methods</td>
<td>15</td>
</tr>
<tr>
<td>238.711</td>
<td>Advanced Life Cycle Assessment and Footprinting Theory</td>
<td>15</td>
</tr>
<tr>
<td>238.712</td>
<td>Advanced Life Cycle Assessment and Footprinting Theory</td>
<td>15</td>
</tr>
<tr>
<td>238.751</td>
<td>Agricultural Greenhouse Gas Emission Science</td>
<td>15</td>
</tr>
<tr>
<td>238.798</td>
<td>Research Report</td>
<td>30</td>
</tr>
<tr>
<td>283.701</td>
<td>Advanced Pasture Production and Practice</td>
<td>15</td>
</tr>
<tr>
<td>283.702</td>
<td>Advanced Agronomy</td>
<td>30</td>
</tr>
<tr>
<td>283.707</td>
<td>Plant Breeding</td>
<td>30</td>
</tr>
</tbody>
</table>
The Degree of Master of Analytics
MAnalyt

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Degree of Master of Analytics requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a Bachelor’s degree in the subject in which they intend to specialise, or equivalent, with a B grade average across the higher level courses;
   (c) have sufficient background in statistical analysis tools to satisfy the Academic Board that they have the capacity to undertake the programme.

Qualification Requirements

2. Candidates for the Degree of Master of Analytics shall follow a parts-based programme of study, which shall consist of courses totalling at least 180 credits, comprising:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>238.700</td>
<td>Life Cycle Assessment (LCA) and Footprinting Principles</td>
<td>15</td>
</tr>
<tr>
<td>238.710</td>
<td>Life Cycle Assessment and Footprinting Methods</td>
<td>15</td>
</tr>
<tr>
<td>238.712</td>
<td>Advanced Life Cycle Assessment and Footprinting Theory</td>
<td>15</td>
</tr>
<tr>
<td>238.722</td>
<td>Agricultural Greenhouse Gas Emission Science</td>
<td>15</td>
</tr>
<tr>
<td>238.728</td>
<td>Research Report</td>
<td>30</td>
</tr>
<tr>
<td>283.701</td>
<td>Advanced Pasture Production and Practice</td>
<td>15</td>
</tr>
<tr>
<td>283.702</td>
<td>Advanced Agronomy</td>
<td>30</td>
</tr>
<tr>
<td>283.707</td>
<td>Plant Breeding</td>
<td>30</td>
</tr>
<tr>
<td>283.703</td>
<td>Vegetable Production Science</td>
<td>15</td>
</tr>
<tr>
<td>283.704</td>
<td>Fruit Production Science</td>
<td>15</td>
</tr>
<tr>
<td>283.741</td>
<td>Post-harvest Physiology</td>
<td>30</td>
</tr>
<tr>
<td>285.742</td>
<td>Advanced Plant Protection</td>
<td>30</td>
</tr>
<tr>
<td>117.761</td>
<td>Ruminant Livestock Feeding</td>
<td>15</td>
</tr>
<tr>
<td>117.762</td>
<td>Intensive Livestock Feeding</td>
<td>15</td>
</tr>
<tr>
<td>117.764</td>
<td>Growth and Meat Science</td>
<td>15</td>
</tr>
<tr>
<td>117.765</td>
<td>Genetics and Breeding</td>
<td>15</td>
</tr>
<tr>
<td>117.766</td>
<td>Reproduction and Fertility</td>
<td>15</td>
</tr>
<tr>
<td>117.768</td>
<td>Metabolism and Endocrinology</td>
<td>15</td>
</tr>
<tr>
<td>117.769</td>
<td>Lactation and Milk Production</td>
<td>15</td>
</tr>
<tr>
<td>117.771</td>
<td>Dairy Production</td>
<td>15</td>
</tr>
<tr>
<td>117.772</td>
<td>Sheep Production</td>
<td>15</td>
</tr>
<tr>
<td>117.773</td>
<td>Beef Cattle Production</td>
<td>15</td>
</tr>
<tr>
<td>117.774</td>
<td>Pig Production</td>
<td>15</td>
</tr>
<tr>
<td>117.775</td>
<td>Deer Production</td>
<td>15</td>
</tr>
<tr>
<td>117.776</td>
<td>Poultry Production</td>
<td>15</td>
</tr>
<tr>
<td>117.784</td>
<td>Advanced Studies in Animal Science</td>
<td>30</td>
</tr>
<tr>
<td>119.791</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>119.792</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>189.752</td>
<td>Advanced Soil Fertility</td>
<td>30</td>
</tr>
<tr>
<td>189.753</td>
<td>Soil and Land Evaluation</td>
<td>30</td>
</tr>
<tr>
<td>189.755</td>
<td>Soil and Water Pollution</td>
<td>30</td>
</tr>
<tr>
<td>189.757</td>
<td>Life Cycle Assessment (LCA) and Footprinting Principles</td>
<td>15</td>
</tr>
<tr>
<td>189.758</td>
<td>Advanced Soil Water Management</td>
<td>15</td>
</tr>
<tr>
<td>189.759</td>
<td>Advanced Studies in Soil Science</td>
<td>30</td>
</tr>
<tr>
<td>238.700</td>
<td>Life Cycle Assessment (LCA) and Footprinting Principles</td>
<td>15</td>
</tr>
<tr>
<td>238.710</td>
<td>Life Cycle Assessment and Footprinting Methods</td>
<td>15</td>
</tr>
<tr>
<td>238.712</td>
<td>Advanced Life Cycle Assessment and Footprinting Theory</td>
<td>15</td>
</tr>
<tr>
<td>238.714</td>
<td>Footprinting Principles</td>
<td>15</td>
</tr>
<tr>
<td>238.715</td>
<td>Footprinting Methods</td>
<td>15</td>
</tr>
<tr>
<td>238.716</td>
<td>Footprinting Case Studies</td>
<td>15</td>
</tr>
<tr>
<td>238.717</td>
<td>Footprinting Theory</td>
<td>15</td>
</tr>
<tr>
<td>238.718</td>
<td>Footprinting Methods</td>
<td>15</td>
</tr>
<tr>
<td>238.719</td>
<td>Footprinting Principles</td>
<td>15</td>
</tr>
<tr>
<td>238.720</td>
<td>Vegetable Production Science</td>
<td>15</td>
</tr>
<tr>
<td>238.721</td>
<td>Fruit Production Science</td>
<td>15</td>
</tr>
<tr>
<td>238.722</td>
<td>Post-harvest Physiology</td>
<td>30</td>
</tr>
<tr>
<td>238.723</td>
<td>Advanced Plant Protection</td>
<td>30</td>
</tr>
<tr>
<td>117.761</td>
<td>Ruminant Livestock Feeding</td>
<td>15</td>
</tr>
<tr>
<td>117.764</td>
<td>Growth and Meat Science</td>
<td>15</td>
</tr>
<tr>
<td>117.765</td>
<td>Genetics and Breeding</td>
<td>15</td>
</tr>
<tr>
<td>117.766</td>
<td>Reproduction and Fertility</td>
<td>15</td>
</tr>
<tr>
<td>117.768</td>
<td>Metabolism and Endocrinology</td>
<td>15</td>
</tr>
<tr>
<td>117.769</td>
<td>Lactation and Milk Production</td>
<td>15</td>
</tr>
<tr>
<td>117.771</td>
<td>Dairy Production</td>
<td>15</td>
</tr>
<tr>
<td>117.772</td>
<td>Sheep Production</td>
<td>15</td>
</tr>
<tr>
<td>117.773</td>
<td>Beef Cattle Production</td>
<td>15</td>
</tr>
<tr>
<td>117.774</td>
<td>Pig Production</td>
<td>15</td>
</tr>
<tr>
<td>117.775</td>
<td>Deer Production</td>
<td>15</td>
</tr>
<tr>
<td>117.776</td>
<td>Poultry Production</td>
<td>15</td>
</tr>
<tr>
<td>117.874</td>
<td>Advanced Studies in Soil Science</td>
<td>30</td>
</tr>
<tr>
<td>119.791</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>119.792</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>189.752</td>
<td>Advanced Soil Fertility</td>
<td>30</td>
</tr>
<tr>
<td>189.753</td>
<td>Soil and Land Evaluation</td>
<td>30</td>
</tr>
<tr>
<td>189.755</td>
<td>Soil and Water Pollution</td>
<td>30</td>
</tr>
<tr>
<td>189.757</td>
<td>Advanced Soil Conservation</td>
<td>15</td>
</tr>
<tr>
<td>189.758</td>
<td>Advanced Soil Water Management</td>
<td>15</td>
</tr>
<tr>
<td>189.759</td>
<td>Advanced Studies in Soil Science</td>
<td>30</td>
</tr>
<tr>
<td>238.700</td>
<td>Life Cycle Assessment (LCA) and Footprinting Principles</td>
<td>15</td>
</tr>
<tr>
<td>238.710</td>
<td>Life Cycle Assessment and Footprinting Methods</td>
<td>15</td>
</tr>
<tr>
<td>238.712</td>
<td>Advanced Life Cycle Assessment and Footprinting Theory</td>
<td>15</td>
</tr>
<tr>
<td>238.722</td>
<td>Agricultural Greenhouse Gas Emission Science</td>
<td>15</td>
</tr>
<tr>
<td>238.728</td>
<td>Research Report</td>
<td>30</td>
</tr>
<tr>
<td>283.701</td>
<td>Advanced Pasture Production and Practice</td>
<td>15</td>
</tr>
<tr>
<td>283.702</td>
<td>Advanced Agronomy</td>
<td>30</td>
</tr>
<tr>
<td>283.707</td>
<td>Plant Breeding</td>
<td>30</td>
</tr>
<tr>
<td>283.703</td>
<td>Vegetable Production Science</td>
<td>15</td>
</tr>
<tr>
<td>283.704</td>
<td>Fruit Production Science</td>
<td>15</td>
</tr>
<tr>
<td>283.741</td>
<td>Post-harvest Physiology</td>
<td>30</td>
</tr>
<tr>
<td>285.742</td>
<td>Advanced Plant Protection</td>
<td>30</td>
</tr>
<tr>
<td>117.761</td>
<td>Ruminant Livestock Feeding</td>
<td>15</td>
</tr>
<tr>
<td>117.762</td>
<td>Intensive Livestock Feeding</td>
<td>15</td>
</tr>
<tr>
<td>117.764</td>
<td>Growth and Meat Science</td>
<td>15</td>
</tr>
<tr>
<td>117.765</td>
<td>Genetics and Breeding</td>
<td>15</td>
</tr>
<tr>
<td>117.766</td>
<td>Reproduction and Fertility</td>
<td>15</td>
</tr>
<tr>
<td>117.768</td>
<td>Metabolism and Endocrinology</td>
<td>15</td>
</tr>
<tr>
<td>117.769</td>
<td>Lactation and Milk Production</td>
<td>15</td>
</tr>
<tr>
<td>117.771</td>
<td>Dairy Production</td>
<td>15</td>
</tr>
<tr>
<td>117.772</td>
<td>Sheep Production</td>
<td>15</td>
</tr>
<tr>
<td>117.773</td>
<td>Beef Cattle Production</td>
<td>15</td>
</tr>
<tr>
<td>117.774</td>
<td>Pig Production</td>
<td>15</td>
</tr>
<tr>
<td>117.775</td>
<td>Deer Production</td>
<td>15</td>
</tr>
<tr>
<td>117.776</td>
<td>Poultry Production</td>
<td>15</td>
</tr>
<tr>
<td>117.874</td>
<td>Advanced Studies in Animal Science</td>
<td>30</td>
</tr>
<tr>
<td>119.791</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>119.792</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>189.752</td>
<td>Advanced Soil Fertility</td>
<td>30</td>
</tr>
<tr>
<td>189.753</td>
<td>Soil and Land Evaluation</td>
<td>30</td>
</tr>
<tr>
<td>189.755</td>
<td>Soil and Water Pollution</td>
<td>30</td>
</tr>
<tr>
<td>189.757</td>
<td>Advanced Soil Conservation</td>
<td>15</td>
</tr>
<tr>
<td>189.758</td>
<td>Advanced Soil Water Management</td>
<td>15</td>
</tr>
<tr>
<td>189.759</td>
<td>Advanced Studies in Soil Science</td>
<td>30</td>
</tr>
<tr>
<td>238.700</td>
<td>Life Cycle Assessment (LCA) and Footprinting Principles</td>
<td>15</td>
</tr>
<tr>
<td>238.710</td>
<td>Life Cycle Assessment and Footprinting Methods</td>
<td>15</td>
</tr>
<tr>
<td>238.712</td>
<td>Advanced Life Cycle Assessment and Footprinting Theory</td>
<td>15</td>
</tr>
<tr>
<td>238.722</td>
<td>Agricultural Greenhouse Gas Emission Science</td>
<td>15</td>
</tr>
<tr>
<td>238.728</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>

Thesis courses (at least 90 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>238.885</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>238.886</td>
<td>Thesis 90 Credit Part 2</td>
<td>45</td>
</tr>
<tr>
<td>238.888</td>
<td>Thesis</td>
<td>90</td>
</tr>
<tr>
<td>238.897</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>238.898</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>238.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
</tbody>
</table>

(a) Part One and Part Two as defined by the Schedule to the Qualification; and including:
(b) any compulsory courses listed in the Schedule for the Qualification;
(c) at least one subject;
(d) attending field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations

3. Candidates may complete a subject by passing at least 120 credits in a specialisation including the Applied Analytics Project from Part Two. The requirements for each subject are set out in the Schedule for the Qualification. Approved subjects are: Business, Health, Public Policy

Academic Requirements

4. Every candidate for the Degree of Master of Analytics shall complete to the satisfaction of the Academic Board, a minimum of 600 hours in approved practica and associated reports in accordance with the following courses:

115.801 Applied Analytics Project
Student Progression
5. In cases of sufficient merit, the Degree of Master of Analytics may be awarded with Distinction or Merit.
6. For progression from Part One to Part Two, candidates must have maintained a B grade average over the courses undertaken in Part One.

Completion Requirements
7. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
8. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded a relevant postgraduate diploma should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
9. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Arrangements
10. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates who were enrolled in the Master of Analytics Business subject who completed at least 15 credits from Option Three: Systems and Operations prior to the end of the 2017 academic year may include the following courses towards the Business subject: 240.752, 240.753, 240.754, 240.756, 240.758. These transition arrangements expire at the end of the 2019 academic year.

Schedule for the Degree of Master of Analytics
Part One
Compulsory courses:
158.739 Introduction to Analytics 15 R 161.750
161.762 Multivariate Analysis for Big Data 15 R 161.323, 161.772
161.777 Practical Data Mining 15 R 161.223 and 161.324
178.724 Applied Econometric Methods 15

Part Two
Compulsory courses:
115.801 Applied Analytics Project 60

The Degree of Master of Applied Economics
MApplEcon

No new enrolments

Programme Regulations
Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Programme Requirements
1. The programme shall consist of 240 postgraduate credits and must include:
   (a) 178.700, 178.705, 178.708, 178.721, and 178.723; and
   (b) a 120-credit thesis (178.899, or 178.897 and 178.898).
   Remaining credits will be chosen from the courses listed in the Schedule to the BApplEcon(Hons) Regulations or approved electives.
2. A candidate who has qualified for the award of the Degree of Bachelor of Applied Economics with Honours or the equivalent degree of another recognised university shall follow a programme of study for not less than 10 months consisting of a 90-credit thesis and 30 credits of approved courses or a 120-credit thesis, which together with the qualifying programme of study shall form a coherent programme of 240 credits.

Subject courses:
Business (60 credits from one Option)

Option One: Marketing
156.761 Customer Insights 30
156.762 Return on Marketing Investment 30

Option Two: Finance
Compulsory course:
125.705 Research Methods in Economics and Finance 30

30 credits from:
125.700 Managerial Finance 30 P Permission Head of School; R 125.330
125.740 Advanced Investment Analysis 30 P 125.700 or 125.330 or Permission Head of School
125.781 Advanced Financial Risk Management 30 P 125.700 or 125.330 or Permission Head of School

Health (60 credits)
Compulsory courses (30 credits):
250.701 Quantitative Methods in Public Health 30

30 credits from:
250.702 Systems Thinking and Analysis 15
250.703 Health Communication 15

Public Policy (60 credits)

30 credits from:
230.704 Public Policy Analytics: Methodology, Design and Data 30
230.705 Interpretation in Geospatial Analytics 15 P/C 230.704
230.706 Integrated Data Infrastructure 15 P/C 230.704

Reported Research
3. The following conditions shall apply to the preparation and submission of the thesis:
   (a) Candidates shall, before they begin work on the thesis, discuss a thesis proposal with a full-time academic staff member of the School of Economics and Finance, who shall recommend to the Academic Board the appointment of a supervisor and an adviser (thesis committee).
   (b) When the thesis is forwarded to an assessor, the Head of the School of Economics and Finance shall supply a certificate from the supervisor stating that the thesis embodies work carried out by the candidate under direct supervision and stating also the part the supervisor played in the preparation of the thesis.
   (c) The oral defence shall be considered as part of the overall examination of the thesis.
   (d) The Head of the School of Economics and Finance shall supply to the candidate a set of guidelines for the thesis approved by the Academic Board. The guidelines shall refer to the time when research work should commence, the period of time during which the research should proceed, the form of the report that is required and the final date for the presentation.
The Degree of Master of Applied Linguistics
MAppLing

Qualification Regulations
Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Degree of Master of Applied Linguistics requires that the candidate:
(a) meet the University admission requirements as specified; and shall have:
(b) been awarded or qualified for a Bachelor degree with at least a B grade average across the 200–300 level courses, or equivalent; and
(c) have completed at least one full-time year of relevant teaching experience, or equivalent; or
(d) been awarded or qualified for a Postgraduate Diploma in Second Language Teaching or a Postgraduate Diploma in Applied Linguistics, with at least a B+ grade average for entry to the Master of Applied Linguistics Research Pathway or at least a B grade average for entry to the Coursework Pathway.

Qualification Requirements
2. Candidates for the Master of Applied Linguistics shall follow a parts-based programme of study totalling at least 180 credits, comprising completion of Part One and Part Two as detailed in the Schedule for the Qualification.
3. Notwithstanding Regulation 2, the programme of study for candidates admitted under regulation 1(d) will consist of at least 120 credits from courses listed in the Schedule, including:
(a) Part Two as detailed in the Schedule for the Degree; and
(b) up to 60 credits from Part One courses listed in the Schedule to the Degree.

Specialisations
4. The Master of Applied Linguistics is awarded without specialisation.

Student Progression
5. For progression to Part Two in the Master of Applied Linguistics (Coursework Pathway), candidates must have achieved a B grade average in the Part One courses.
6. For progression to Part Two in the Master of Applied Linguistics (Research Pathway), candidates must have achieved a B+ grade average in the first 60 credits of courses completed in Part One.

7. In cases of sufficient merit, the Degree of Master of Applied Linguistics may be awarded with Distinction or Merit.

Completion Requirements
8. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes. Candidates who do not meet the requirements for progression from Part One to Part Two, or who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Applied Linguistics should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
10. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Master of Applied Linguistics
Part One – Coursework Pathway (120 credits)
Subject courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>272.702</td>
<td>Second Language Learning Theories and Processes</td>
<td>30</td>
</tr>
<tr>
<td>272.703</td>
<td>Contemporary Approaches to Language Teaching Methodology</td>
<td>30</td>
</tr>
<tr>
<td>272.704</td>
<td>Contextualising Curriculum and Materials Design</td>
<td>30 P/C 272.703</td>
</tr>
</tbody>
</table>

Part Two – Coursework Pathway (60 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>272.873</td>
<td>Research Report Applied Linguistics</td>
<td>60</td>
</tr>
</tbody>
</table>

Part Two – Research Pathway (120 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>272.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>272.816</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>272.817</td>
<td>Thesis 120 Credit Part 2</td>
<td>60 C 272.816</td>
</tr>
</tbody>
</table>

The Degree of Master of Applied Social Work
MApplSW

Qualification Regulations
Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Degree of Master of Applied Social Work requires that the candidate will:
(a) meet the University admission requirements as specified;
(b) have been awarded or qualified for an undergraduate degree, either in the social sciences (such as social and cultural studies, psychology, human development) or an alternative degree with substantial relevant experience in a social or community setting;
(c) hold a drivers’ licence that is valid in New Zealand unless otherwise exempted;
(d) provide satisfactory evidence of their proficiency in English, in the form of an overall academic score of at least 6.5 in an IELTS assessment with no band score less than 6.5 within the preceding two years, if English is not the applicant’s first language; and
(e) be selected into the programme.

Qualification Requirements
2. Candidates for the Degree of Master of Applied Social Work shall follow a programme of study comprising of courses totalling at least 240 credits including:
(a) any compulsory courses identified in the Schedule for the Qualification;
(b) attending contact or block courses, field trips, workshops, tutorials, and practice laboratories as required.

Specialisations
3. The Degree of Master of Applied Social Work is awarded without specialisation.
Academic Requirements

4. Every candidate for the Master of Applied Social Work shall perform at least 120 days of approved supervised field education and associated reports, in accordance with the requirements of the following courses:
   (a) 179.789 Field Work Practice I
   (b) 179.790 Field Work Practice II.

Student Progression

5. Candidates must continue to meet the requirements for registration as set down by the New Zealand Social Workers Registration Board in terms of candidates being ‘fit and proper persons to practice social work’. Candidates must advise the Programme Coordinator of any change to their circumstances in this regard within seven days, including any conviction or criminal charges pending. Annual confirmation of eligibility is required.

6. The Degree of Master of Applied Social Work may be awarded with or without a class of Honours.

Completion Requirements

7. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

8. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Arts should they meet the relevant Qualification requirements.

The Degree of Master of Applied Statistics MApplStat

Qualification Regulations

Part One

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part Two

Admission

1. Admission to the Degree of Master of Applied Statistics requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) shall have been awarded or qualified for a Bachelor’s degree with a major in Statistics, or equivalent, having achieved a B grade average or higher over the qualifying highest level courses.

Qualification Requirements

2. Candidates for the Degree of Master of Applied Statistics shall follow a parts-based programme of study, which shall consist of courses totalling at least 180 credits, comprising:
   (a) completion of Part One and Part Two as defined by the Schedule to the Degree;
   (b) courses selected from the Schedule to the Degree;
   and including:
   (c) any Compulsory Courses listed in the Schedule to the Degree.

Specialisations

3. The Degree of Master of Applied Statistics is awarded without specialisations.

Student Progression

4. For progression from Part One to Part Two, candidates must have achieved a Grade Average of B+ over the first 90 credits undertaken for Part One.

5. In cases of sufficient merit, the Degree of Master of Applied Statistics may be awarded with Distinction or Merit.

Unsatisfactory Academic Progress

9. For candidates enrolled in the Degree of Master of Applied Social Work, the following will lead to exclusion from the qualification:
   (a) Failure to meet the requirements for registration as set down by the New Zealand Social Workers Registration Board in terms of candidates being ‘fit and proper persons to practice social work’;
   (b) Failure to obtain a pass in a compulsory course for which they have been enrolled for on two occasions;
   (c) Persons excluded under clause 9(b) will only be re-admitted to the Degree of Master of Applied Social Work with approval of the Academic Board, which may be declined, or granted under such conditions as it may determine.

Schedule for the Master of Applied Social Work

<table>
<thead>
<tr>
<th>Compulsory courses (240 credits):</th>
</tr>
</thead>
<tbody>
<tr>
<td>179.781 Social and Community Work Theory and Practice I</td>
</tr>
<tr>
<td>179.782 Social Policy Analysis</td>
</tr>
<tr>
<td>179.783 Māori Development and the Social Services</td>
</tr>
<tr>
<td>179.784 Social and Community Work Theory and Practice II</td>
</tr>
<tr>
<td>179.789 Field Work Practice I</td>
</tr>
<tr>
<td>179.790 Field Work Practice II</td>
</tr>
<tr>
<td>179.792 Management in the Social Services</td>
</tr>
<tr>
<td>179.891 Applied Research in Social Work</td>
</tr>
<tr>
<td>179.895 Research Report (30)</td>
</tr>
</tbody>
</table>

The Degree of Master of Applied Statistics MApplStat

Completion Requirements

6. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

7. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Science and Technology (Statistics) should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

8. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Master of Applied Statistics

Part One

Qualification Courses

<table>
<thead>
<tr>
<th>Compulsory courses (30 credits):</th>
</tr>
</thead>
<tbody>
<tr>
<td>161.704 Bayesian Statistics</td>
</tr>
<tr>
<td>161.709 Topic in Statistical Theory</td>
</tr>
<tr>
<td>161.725 Statistical Quality Control</td>
</tr>
<tr>
<td>161.726 Extensions to the Linear Model</td>
</tr>
<tr>
<td>161.729 Topics in Applied Statistics</td>
</tr>
<tr>
<td>161.743 Statistical Reliability and Survival Analysis</td>
</tr>
<tr>
<td>161.744 Statistical Genetics</td>
</tr>
<tr>
<td>161.749 Topics in Applied Probability</td>
</tr>
<tr>
<td>247.792 Special Topic</td>
</tr>
<tr>
<td>247.793 Special Topic</td>
</tr>
</tbody>
</table>

MASSEY UNIVERSITY 2018 CALENDAR 91
## Qualification Regulations

### Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

### Part II

#### Admission

1. Admission to the Master of Arts requires that the candidate:
   (a) meets the University admission requirements as specified; and shall have:
   (b) been awarded or qualified for a Bachelor of Arts with a major in the intended postgraduate subject, or equivalent, with at least a B grade average across the 200–300 level specialisation courses; or
   (c) been awarded or qualified for a Bachelor’s degree with a minor in the intended postgraduate subject followed by a Graduate Certificate in Arts with an endorsement in the intended postgraduate subject, with at least a B grade average across the 200–300 level specialisation courses; or
   (d) been awarded or qualified for a Bachelor’s degree followed by a Graduate Diploma in Arts in the endorsement of the intended postgraduate subject with at least a B grade average across the 200–300 level specialisation courses; or
   (e) been awarded or qualified for a Bachelor of Arts (Honours) with a subject in the intended postgraduate subject, or a Postgraduate Diploma in Arts with an endorsement in the intended postgraduate subject, or an equivalent qualification, with at least a B+ grade average across the 700 level courses for entry to the Research Pathway or a B grade average across the 700 level courses for entry to the Coursework Pathway; or
   (f) been awarded or qualified for a Postgraduate Diploma in Second Language Teaching with at least a B+ grade average for entry to the Master of Arts (Second Language Teaching) Research Pathway or a B grade average for entry to the Coursework Pathway; or
   (g) been awarded or qualified for a Postgraduate Diploma in Museum Studies with at least a B+ grade average for entry to the Master of Arts (Museum Studies) Research Pathway or a B grade average for entry to the Coursework Pathway.

#### Qualification Requirements

2. Candidates for the Master of Arts shall follow a parts-based programme of study totalling at least 180 credits, comprising:
   (a) completion of Part One and Part Two as detailed in the Schedule for the Qualification; and
   (b) completion of a subject.

3. Notwithstanding Regulation 2, the programme of study for candidates admitted under Regulation 1(e)–(g) will consist of at least 120 credits from courses listed in the Schedule for a subject, including:
   (a) Part Two as detailed in the Schedule for the Qualification; and
   (b) up to 60 credits from Part One courses listed in the Schedule for a subject.

#### Specialisations

4. Candidates for the Degree of Master of Arts must complete the requirements for one subject.

5. The requirements for each subject are set out in the Schedule for the Qualification.

## Schedule for the Master of Arts

### Defence and Security Studies

#### Part One – Coursework Pathway (120 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>149.700</td>
<td>Research Methods in Defence and Security Studies</td>
<td>30</td>
</tr>
</tbody>
</table>

#### Part One – Research Pathway (60–90 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>149.701</td>
<td>The New Zealand Strategic Environment</td>
<td>30</td>
</tr>
<tr>
<td>149.704</td>
<td>Leadership, Management and Command</td>
<td>30</td>
</tr>
<tr>
<td>149.707</td>
<td>The Middle East Security Environment</td>
<td>30</td>
</tr>
<tr>
<td>149.709</td>
<td>Terrorism, Insurgency and Transnational Crime</td>
<td>30</td>
</tr>
<tr>
<td>149.710</td>
<td>Military History</td>
<td>30</td>
</tr>
<tr>
<td>149.716</td>
<td>Security of China as a Great Power</td>
<td>30</td>
</tr>
</tbody>
</table>

### Part Two (60 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>161.776</td>
<td>Statistical Modelling for Researchers</td>
<td>15</td>
</tr>
<tr>
<td>161.777</td>
<td>Practical Data Mining</td>
<td>15</td>
</tr>
<tr>
<td>161.778</td>
<td>Biostatistics for Researchers</td>
<td>15</td>
</tr>
<tr>
<td>161.893</td>
<td>Research Report</td>
<td>60</td>
</tr>
</tbody>
</table>

### Additional Requirements


7. For progression to Part Two in the Master of Arts (Coursework Pathway), candidates must have achieved at least a B grade average in the first 60 credits of courses completed in Part One.

8. For progression to Part Two in the Master of Arts (Research Pathway), candidates must have achieved at least a B+ grade average in the first 60 credits of courses completed in Part One.

9. Candidates who do not meet the criteria for progression to Part Two, but who have achieved at least a C grade average in the first 60 credits of courses in Part One, may transfer to the Postgraduate Diploma in Arts.

10. In cases of sufficient merit the Degree of Master of Arts may be awarded with Distinction or Merit.

### Completion Requirements

11. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

12. Candidates may be graduated when they meet the Qualification and Academic requirements within the prescribed timeframes. Candidates who do not meet the requirements for progression from Part One to Part Two, or who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Arts or the Postgraduate Diploma in Arts should they meet the relevant Qualification requirements.

### Unsatisfactory Academic Progress

13. The general Unsatisfactory Academic Progress regulations will apply.

### Transition Regulations

14. Candidates enrolled in the Master of Arts who have completed at least 60 credits towards the English subject prior to 1 January 2017 may substitute up to 30 credits from List B courses for courses included in List A. These transitional arrangements expire on 31 December 2019.
Part Two – Coursework Pathway (60 credits)

149.873 Research Report Defence and Security Studies (60) 60

Part Two – Research Pathway (90–120 credits)

149.881 Thesis 90 Credit Part 1 45
149.882 Thesis 90 Credit Part 2 45 C 149.891
149.883 Thesis 90
149.891 Thesis 90 Credit Part I 45
149.892 Thesis 90 Credit Part II 45 C 149.891
149.894 Thesis 120 Credit Part 1 60
149.895 Thesis 120 Credit Part 2 60 C 149.894
149.899 Thesis 120

Economics

Part One – Coursework Pathway (120 credits)

Part One – Research Pathway (60 credits)

One course from the following (30 credits):

154.700 Research Methods in Economics 30
178.728 Quantitative Research in Education 30 R 267.720, 267.723, 267.780, 267.788
254.702 Qualitative Research in Education 15 R 267.720, 267.723, 267.780, 267.788
254.744 Educational Research 30
254.773 Educational Policy Analysis 30
254.774 Evaluation of Educational Organisations 30
254.775 Management of Human Resources in Educational Organisations 30
261.765 Trends in E-Learning 30
263.704 Advanced Studies in Motivation and Learning 30
265.737 Young Children and Their Families 30
269.733 Mana Motuhake: Contemporary Issues in Māori and Indigenous Education 30

Part Two – Research Pathway (90–120 credits)

267.899 Thesis 120
267.871 Thesis 120 Credit Part 1 60 P Two of 267.740, 267.741, 267.782, 267.881; R 267.871 and 267.872
267.872 Thesis 120 Credit Part 2 60 C 267.871; R 267.899
267.890 Thesis 90
267.882 Thesis 90 Credit Part 2 45 C 267.881; R 267.880

Part Two – Research Pathway (120 credits)

267.886 Qualitative Research in Education 15 R 267.720, 267.723, 267.780, 267.788
254.702 Qualitative Research in Education 30
254.744 Educational Research 30
254.773 Educational Policy Analysis 30
254.774 Evaluation of Educational Organisations 30
254.775 Management of Human Resources in Educational Organisations 30
261.765 Trends in E-Learning 30
263.704 Advanced Studies in Motivation and Learning 30
265.737 Young Children and Their Families 30
269.733 Mana Motuhake: Contemporary Issues in Māori and Indigenous Education 30

Part Two – Coursework Pathway (60 credits)

267.900 Professional Inquiry 60 P One of 267.740, 267.741, 267.782, 267.793; R 267.871

Part Two – Research Pathway (90–120 credits)

267.899 Thesis 120
P Two of 267.740, 267.741, 267.782, 267.793, R 267.871 and 267.872
267.871 Thesis 120 Credit Part 1 60 P Two of 267.740, 267.741, 267.782, 267.793 R 267.899
267.872 Thesis 120 Credit Part 2 60 C 267.871; R 267.899
P Two of 267.740, 267.741, 267.782, 267.793, all of 249.744, 258.722, 256.754, 256.755 and 267.781 for MEdPsych; R 180.897, 186.891, 186.892, 186.893, 186.894, 267.880
267.882 Thesis 90 Credit Part 2 45 C 267.881; R 267.880

English

Part One – Coursework Pathway (120 credits)

Part One – Research Pathway (60–90 credits)

List A subject courses

At least 30 credits from:

139.703 Critical and Creative Research 30
139.707 Women, Desire and Narrative 30
139.710 Rhetoric, Composition and the Teaching of Writing 30
139.724 Literary Revolutions: Romantic and Victorian Literature 30
139.728 Early Modern Metadrama: Vices and Devices 30
139.750 Contemporary New Zealand Writers in an International Context 30
139.752 Aotearoa New Zealand Drama and Performance 30
139.757 Twentieth-Century New Zealand Fiction: Texts and Theories 30
139.758 Postcolonial Theory and Writing 30

List B subject courses

No more than 30 credits from:

139.763 Community Theatre 30
139.765 New Directions in Creative Writing 30
154.708 Modern Fiction, Popular Culture and the Media 30

Part Two – Coursework Pathway (60 credits)

267.873 Research Report English (60) 60
### Geography

#### Part One – Coursework Pathway (120 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>145.707</td>
<td>Economic Geography</td>
<td>30</td>
</tr>
<tr>
<td>145.710</td>
<td>Consumption and Place</td>
<td>30</td>
</tr>
<tr>
<td>145.711</td>
<td>Foundations in Human Geography</td>
<td>30</td>
</tr>
<tr>
<td>145.712</td>
<td>Frontiers in Human Geography</td>
<td>30</td>
</tr>
<tr>
<td>145.730</td>
<td>Applied Coastal Geomorphology</td>
<td>15</td>
</tr>
<tr>
<td>145.731</td>
<td>Applied Fluvial Geomorphology</td>
<td>15</td>
</tr>
<tr>
<td>145.732</td>
<td>Landslide Investigation and Management</td>
<td>15</td>
</tr>
<tr>
<td>145.734</td>
<td>Palaeocology, Palynology and Biogeography</td>
<td>15</td>
</tr>
<tr>
<td>145.735</td>
<td>Detecting Geomorphic Change</td>
<td>15</td>
</tr>
<tr>
<td>145.736</td>
<td>Advanced Physical Geography Techniques</td>
<td>15</td>
</tr>
<tr>
<td>145.799</td>
<td>Research Report (30)</td>
<td>30</td>
</tr>
<tr>
<td>233.721</td>
<td>Global Climate Change</td>
<td>15</td>
</tr>
</tbody>
</table>

#### Part Two – Coursework Pathway (60 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>145.873</td>
<td>Research Report Geography (60)</td>
<td>60</td>
</tr>
</tbody>
</table>

#### Part Two – Research Pathway (90–120 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>145.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>145.897</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>145.898</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>145.883</td>
<td>Thesis</td>
<td>90</td>
</tr>
<tr>
<td>145.881</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>145.882</td>
<td>Thesis 90 Credit Part 2</td>
<td>45</td>
</tr>
</tbody>
</table>

### History

#### Part One – Research Pathway only

**Compulsory courses (60 credits):**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>148.720</td>
<td>Advanced Historiography</td>
<td>30</td>
</tr>
<tr>
<td>148.730</td>
<td>Advanced Historical Methodology</td>
<td>30</td>
</tr>
</tbody>
</table>

#### Part Two (120 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>148.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>148.816</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>148.817</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
</tbody>
</table>

### Māori Studies

#### Part One – Coursework Pathway (120 credits)

**Compulsory course (30 credits):**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.714</td>
<td>Te Te Māori Rangahau Kōrero: Māori Research Methodologies</td>
<td>30</td>
</tr>
</tbody>
</table>

**Subject courses:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.701</td>
<td>Tino Rangatiratanga: Strategic Māori Development</td>
<td>30</td>
</tr>
<tr>
<td>150.702</td>
<td>Mauri Ora: Māori Mental Health</td>
<td>30</td>
</tr>
</tbody>
</table>

### Museum Studies

#### Part One – Coursework Pathway (120 credits)

#### Part One – Research Pathway (60–90 credits)

**Compulsory courses (30 credits):**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.715</td>
<td>Taonga Tuku Iho: Heritage Aotearoa</td>
<td>30</td>
</tr>
</tbody>
</table>

**Subject courses:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>167.742</td>
<td>Collection Management</td>
<td>30</td>
</tr>
<tr>
<td>167.743</td>
<td>Museum Management</td>
<td>30</td>
</tr>
<tr>
<td>167.744</td>
<td>Museums and the Public</td>
<td>30</td>
</tr>
</tbody>
</table>

#### Part Two – Coursework Pathway (60 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>167.890</td>
<td>Advanced Research Practicum</td>
<td>60</td>
</tr>
</tbody>
</table>
### Psychology

**Part One – Coursework Pathway (120 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.738</td>
<td>Psychological Research: Principles of Design</td>
<td>15</td>
</tr>
</tbody>
</table>

**Part One – Research Pathway (60 credits)**

- **Compulsory course (15 credits):**
  - 175.738 Psychological Research: Principles of Design

**Subject courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.718</td>
<td>Postmodernism and Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.719</td>
<td>Applied Criminal Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.720</td>
<td>Advanced Psychology of Women</td>
<td>15</td>
</tr>
<tr>
<td>175.721</td>
<td>Child and Family Therapy</td>
<td>15</td>
</tr>
<tr>
<td>175.722</td>
<td>Principles of Clinical Neuropsychology</td>
<td>15</td>
</tr>
<tr>
<td>175.724</td>
<td>Advanced Experimental Psychology</td>
<td>30</td>
</tr>
<tr>
<td>175.725</td>
<td>Advanced Social Psychology</td>
<td>30</td>
</tr>
<tr>
<td>175.729</td>
<td>Psychology and Culture</td>
<td>15</td>
</tr>
<tr>
<td>175.730</td>
<td>Professional Practice in Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.732</td>
<td>Psychological Well-being in Organisations</td>
<td>15</td>
</tr>
<tr>
<td>175.733</td>
<td>Sustainable Livelihood</td>
<td>15</td>
</tr>
<tr>
<td>175.734</td>
<td>Child Clinical Neuropsychology</td>
<td>15</td>
</tr>
<tr>
<td>175.737</td>
<td>Occupational Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.739</td>
<td>Health Psychology: Understanding Health and Illness</td>
<td>15</td>
</tr>
<tr>
<td>175.740</td>
<td>Occupational Health Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.741</td>
<td>Psychological Assessment in Organisations</td>
<td>15</td>
</tr>
<tr>
<td>175.743</td>
<td>Health Psychology: The Social Context</td>
<td>15</td>
</tr>
<tr>
<td>175.744</td>
<td>Health Psychology: Promoting Health</td>
<td>15</td>
</tr>
<tr>
<td>175.746</td>
<td>Psychological Research: Multivariate Data Analysis</td>
<td>15</td>
</tr>
<tr>
<td>175.747</td>
<td>The Psychology of Sport and Exercise</td>
<td>15</td>
</tr>
<tr>
<td>175.748</td>
<td>The Psychology of Organisational Change</td>
<td>15</td>
</tr>
<tr>
<td>175.751</td>
<td>Neuropsychological Rehabilitation</td>
<td>15</td>
</tr>
<tr>
<td>175.761</td>
<td>Theory and Practice of Cognitive Behaviour Therapy</td>
<td>15</td>
</tr>
<tr>
<td>175.781</td>
<td>Clinical Psychopathology</td>
<td>15</td>
</tr>
<tr>
<td>175.782</td>
<td>Clinical Psychology Assessment</td>
<td>15</td>
</tr>
<tr>
<td>175.783</td>
<td>Clinical Psychology Interventions</td>
<td>15</td>
</tr>
</tbody>
</table>

**Part Two – Coursework Pathway (60 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.873</td>
<td>Research Report Psychology</td>
<td>60</td>
</tr>
</tbody>
</table>

**Part Two – Research Pathway (120 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>175.894</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>175.896</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
</tbody>
</table>

### Politics

**Part One – Coursework Pathway (120 credits)**

- **Compulsory courses (90 credits):**
  - 176.702 Advanced Social Inquiry
  - 200.761 International Relations: Theory and Practice
  - 200.762 Presidents and Prime Ministers

**Subject courses (30 credits):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>131.703</td>
<td>Gender and Development</td>
<td>30</td>
</tr>
<tr>
<td>150.701</td>
<td>Tino Rangatiratanga: Strategic Māori Development</td>
<td>30</td>
</tr>
<tr>
<td>219.708</td>
<td>Political Communication</td>
<td>30</td>
</tr>
</tbody>
</table>

**Part Two – Coursework Pathway (60 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>200.873</td>
<td>Research Report Politics</td>
<td>60</td>
</tr>
</tbody>
</table>

**Part Two – Research Pathway (90 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>200.883</td>
<td>Thesis</td>
<td>90</td>
</tr>
<tr>
<td>200.881</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>200.882</td>
<td>Thesis 90 Credit Part 2</td>
<td>45</td>
</tr>
</tbody>
</table>

# Second Language Teaching

**No new enrolments from 2016.**

**Part One – Coursework Pathway (120 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>272.702</td>
<td>Second Language Learning Theories and Processes</td>
<td>30</td>
</tr>
<tr>
<td>272.703</td>
<td>Contemporary Approaches to Language Teaching Methodology</td>
<td>30</td>
</tr>
</tbody>
</table>
### Social Anthropology

**Part One – Coursework Pathway (120 credits)**

**Part One – Research Pathway (60–90 credits)**

#### Compulsory courses (60 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>146.701</td>
<td>Contemporary Approaches in Anthropological Theory</td>
<td>30</td>
</tr>
<tr>
<td>146.703</td>
<td>The Practice of Anthropology</td>
<td>30</td>
</tr>
</tbody>
</table>

#### Subject courses (up to 60 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>146.707</td>
<td>Reading and Writing Ethnography</td>
<td>30</td>
</tr>
</tbody>
</table>

#### Coursework Pathway only:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>146.708</td>
<td>Anthropology Today; Current Issues</td>
<td>30</td>
</tr>
</tbody>
</table>

**Part Two – Coursework Pathway (60 credits)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>146.873</td>
<td>Research Report</td>
<td>60</td>
</tr>
</tbody>
</table>

**Part Two – Research Pathway (90–120 credits)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>146.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>146.816</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>146.817</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>146.881</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>146.882</td>
<td>Thesis 90 Credit Part 2</td>
<td>45</td>
</tr>
<tr>
<td>146.883</td>
<td>Thesis</td>
<td>90</td>
</tr>
</tbody>
</table>

### Social Policy

**Part One – Coursework Pathway (120 credits)**

**Part One – Research Pathway (90 credits)**

#### Compulsory courses (90 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>179.702</td>
<td>Advanced Research Methods</td>
<td>30</td>
</tr>
<tr>
<td>279.701</td>
<td>Social Policy and Political Economy</td>
<td>30</td>
</tr>
<tr>
<td>279.703</td>
<td>Social Policy Studies</td>
<td>30</td>
</tr>
</tbody>
</table>

#### Subject courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>132.741</td>
<td>Long-Term Community Planning</td>
<td>30 R 132.737 (2008 only)</td>
</tr>
</tbody>
</table>

### Spanish

**Part One – Research Pathway only**

#### Compulsory courses (90 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>245.700</td>
<td>Advanced Spanish Communication</td>
<td>30</td>
</tr>
<tr>
<td>245.701</td>
<td>Latin American Cultural Identities</td>
<td>30</td>
</tr>
<tr>
<td>245.702</td>
<td>Hispanic Postcolonial Representations</td>
<td>30</td>
</tr>
</tbody>
</table>

**Part Two (90–120 credits)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>245.881</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>245.882</td>
<td>Thesis 90 Credit Part 2</td>
<td>45</td>
</tr>
<tr>
<td>245.883</td>
<td>Thesis</td>
<td>90</td>
</tr>
<tr>
<td>245.816</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>245.817</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>245.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
</tbody>
</table>

### The Degree of Master of Aviation

**MAv**

#### Qualification Regulations

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

**Admission**

1. Admission to the Degree of Master of Aviation requires that the candidate will:

(a) meet the University admission requirements as specified; and
(b) have been awarded or qualified for a Bachelor of Aviation, Bachelor of Aviation Management or equivalent degree or qualification, having achieved a grade average of at least a B- in the highest level courses.

Qualification Requirements

2. Candidates for the Master of Aviation shall follow a parts-based programme of study, which shall consist of courses totalling at least 180 credits comprising:
   (a) Part One and Part Two as defined by the Schedule to the Degree; and including:
   (b) at least 60 credits at 800 level in accordance with either the Research pathway or the Professional pathway;
   (c) attending field trips, studios, workshops, tutorials, and laboratories as required.

3. Notwithstanding Regulation 2, the Master of Aviation programme of study for a candidate who has been awarded the Degree of Bachelor of Aviation Management with Honours, or the equivalent degree of another recognised university, shall consist of courses totalling at least 120 credits from either the Research pathway or the Professional pathway as defined by the Schedule to the Degree, including the completion of at least 60 credits from Part Two.

Specialisations

4. The Degree of Master of Aviation is awarded without specialisation.

Student Progression

5. For progression from Part One to Part Two in the Master of Aviation (Research Pathway), candidates must have achieved a Grade Average of at least B over the first 60 credits of courses completed in Part One, including the compulsory course.

6. For progression from Part One to Part Two in the Master of Aviation (Professional Pathway), candidates must have achieved a Grade Average of at least B- over the courses completed in Part One, including the compulsory courses.

7. In cases of sufficient merit, the Degree of Master of Aviation may be awarded with Distinction or Merit.

Completion Requirements

8. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes. Candidates who do not meet the requirements for progression from Part One to Part Two, or who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Aviation or the Postgraduate Certificate in Business should they meet the relevant Qualification requirements.

 Unsatisfactory Academic Progress

10. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions

11. All candidates commencing study towards the Master of Aviation on or after 1 January 2017 must satisfy the requirements specified in these regulations.

12. Candidates who commenced study towards the Master of Aviation on or after 1 January 2015 but prior to 31 December 2016 may complete under the regulations that were in place at the time that they commenced the degree.

13. Candidates who commenced study towards the Master of Aviation prior to 1 January 2015 may choose to transfer to the regulations as specified in the 2015 Calendar or later, but must satisfy all requirements as specified.

14. In all cases candidates must complete the qualification within the timeframes for completion as specified in the Completion Requirements.

15. These transition arrangements expire 31 December 2019.

Schedule for the Degree of Master of Aviation

Master of Aviation (Research Pathway)

Part One (at least 60 credits)

Compulsory course (30 credits):

190.704 Research Methods in Aviation 30

Subject courses:

190.701 Human Factors for Professional Aviation 30
190.703 Management in Aviation Systems 30
190.720 Aviation Strategic Management 30
190.790 Special Topic 30 P Permission Head of School

Part Two (at least 60 credits)

115.894 Research Report Part 1 30
115.895 Research Report Part 2 30
190.890 Thesis 90 Credit Part 1 45
190.891 Thesis 90 Credit Part 2 45 C 190.890
190.892 Thesis 120 Credit Part 1 60
190.893 Thesis 120 Credit Part 2 60 C 190.892
190.895 Research Report 60
190.898 Thesis 90
190.899 Thesis 120

Master of Aviation (Professional Pathway)

Part One (120 credits)

Compulsory courses (60 credits):

190.703 Management in Aviation Systems 30
190.720 Aviation Strategic Management 30

Subject courses (60 credits):

190.701 Human Factors for Professional Aviation 30
190.721 Design and Management of Airports 30
190.790 Special Topic 30 P Permission Head of School
190.791 Special Topic 30 P Permission Head of School

Part Two (60 credits)

190.894 Professional Practice in Aviation 60

The Degree of Master of Business Administration

MBA

Programme Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the degree of Master of Business Administration requires that the candidate will:
   (a) meet the University admission requirements as specified; and

(b) have been awarded or qualified for a relevant Bachelor’s degree, or equivalent;

(c) have completed at least two years of relevant practical experience at management level; and

(d) have been selected into the programme on the basis of a selection process which may include a written application, interview and practical exercises.

Qualification Requirements

2. Candidates for the degree of Master of Business Administration shall follow a parts-based programme of study, totalling at least 240 credits comprising:

(a) Parts One and Two as specified in the Schedule to the Degree;
and including:
(b) the compulsory courses as specified in the Schedule to the Degree;  
(c) attending contact workshops, block courses, field trips, studios, workshops, tutorials and laboratories as required.

Specialisations
3. The Master of Business Administration is awarded without a subject specialisation.

Student Progression
4. For progression to Part Two candidates must have achieved a B- grade average across 105 credits completed in Part One.
5. In cases of sufficient merit, the degree of Master of Business Administration may be awarded with a class of honours provided that the requirements for the award of the Master of Business Administration are completed within the timeframes specified in Regulation 6.

Completion Requirements
6. Unless a specified time of suspension or extension has been approved by the Academic Board a candidate’s programme of study may not exceed two calendar years plus six months (30 months).
7. Permission must be sought in advance of any suspension or extension by applying in writing to the Academic Board or their delegate. Suspensions or extensions granted will appear on the academic transcript.
8. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Business Studies should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
9. For candidates enrolled in the degree of Master of Business Administration the following will lead to exclusion from the qualification: failure to complete the degree within either the specified timeframes or within the timeframes specified by Academic Board or their delegate when a period of extension or suspension has been approved.

Transition Provisions
10. Subject to the Abandonment of Studies provisions specified in the Part I regulations and the Maximum Time to Completion provisions specified in the Part II regulations for the degree, candidates who commenced study towards the Master of Business Administration prior to 1 January 2017 and have completed at least 15 credits towards the degree may be exempted from the progression criteria specified in Regulation 4 but will be permitted to enrol in Part Two only after having passed all of the courses for Part One and having attended the appropriate skills development programme. Candidates who have completed at least 135 credits towards the degree may also be permitted to substitute courses already completed for a course(s) or courses of the same credit value included in the Part Two Schedule. These transition arrangements expire 31 December 2019.

Schedule for the Master of Business Administration

Part One
Compulsory courses (120 credits):

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.721 Business Law and Ethics</td>
<td>15</td>
</tr>
<tr>
<td>115.723 Accounting I</td>
<td>15</td>
</tr>
<tr>
<td>115.724 Business Finance</td>
<td>15</td>
</tr>
<tr>
<td>115.725 Leadership and People</td>
<td>15</td>
</tr>
<tr>
<td>115.726 Marketing</td>
<td>15</td>
</tr>
<tr>
<td>115.728 Contemporary Strategy</td>
<td>15</td>
</tr>
<tr>
<td>115.732 Operations and Logistics</td>
<td>15</td>
</tr>
<tr>
<td>115.745 Economics – Applied and International</td>
<td>15</td>
</tr>
</tbody>
</table>

Part Two
Compulsory courses (90 credits):

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.727 Entrepreneurship and Innovation</td>
<td>15</td>
</tr>
<tr>
<td>115.735 Applied Business Research</td>
<td>15</td>
</tr>
<tr>
<td>115.821 Strategic Management and International Leadership</td>
<td>30</td>
</tr>
<tr>
<td>115.822 Applied Research Project</td>
<td>30</td>
</tr>
</tbody>
</table>

Elective courses
At least 30 credits from:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.731 Change Management</td>
<td>15</td>
</tr>
<tr>
<td>115.736 Business Development</td>
<td>15</td>
</tr>
<tr>
<td>115.738 Corporate Governance Best Practice</td>
<td>15</td>
</tr>
<tr>
<td>115.739 Special Topic I</td>
<td>15</td>
</tr>
<tr>
<td>115.740 Special Topic II</td>
<td>15</td>
</tr>
<tr>
<td>115.750 Investments and Risk</td>
<td>15</td>
</tr>
</tbody>
</table>

The Degree of Master of Business Studies
MBS

Qualification Regulations
Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Master of Business Studies requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a relevant Bachelor’s degree or equivalent qualification, having achieved a grade average of at least a B- in the highest level courses.

Qualification Requirements
2. Candidates for the Master of Business Studies shall follow a parts-based programme of study, which shall consist of courses totalling at least 180 credits comprising:
   (a) Part One and Part Two as defined by the Schedule to the Degree;  
   (b) completion of a subject.
3. Notwithstanding Regulation 2, the programme of study for a candidate who has been awarded the Degree of Bachelor of Business Studies with Honours, or the equivalent degree of another recognised university, shall consist of courses totalling at least 120 credits comprising:
   (a) Part Two as defined by the Schedule to the Degree;  
   (b) completion of a subject.

Specialisations
4. Candidates for the Degree of Master of Business Studies may complete a subject by passing at least 180 credits in a subject including:
   (a) Thesis or Research Report of at least 60 credits;  
   (b) any compulsory courses identified in the Schedule to the Degree.  
   The requirements for each subject are set out in the Schedule for the Qualification.
5. Notwithstanding Regulation 4, candidates admitted under Regulation 3 may complete a subject by passing at least 120 credits in a subject including a Thesis or Research Report of at least 60 credits.

Student Progression
7. For progression from Part One to Part Two, candidates must have achieved a Grade Average of at least 60 credits of the Part One courses, including the compulsory courses.
8. In cases of sufficient merit, the Degree of Master of Business Studies may be awarded with Distinction or Merit.
## Schedule for the Degree of Master of Business Studies

### Accountancy

#### Part One
- **Compulsory course (30 credits):**
  - 110.717 Research Methods in Accounting 30

#### Subject courses:
- 110.710 Contemporary Issues in Financial Accounting 30 P 110.309
- 110.711 Advanced Accounting Theory 30 P 110.309
- 110.785 International Taxation 30
- 110.792 Special Topic 30 P Permission Head of School

#### Part Two (at least 60 credits)
- 110.894 Research Report 60
- 110.897 Thesis 120 Credit Part 1 60
- 110.898 Thesis 120 Credit Part 2 60 C 110.897
- 110.899 Thesis 120
- 115.890 90 Credit Thesis 90
- 115.891 Thesis Part 1 45
- 115.892 Thesis Part 2 45
- 115.894 Research Report Part 1 30
- 115.895 Research Report Part 2 30

### Banking

#### Part One
- **Compulsory courses (60 credits):**
  - 125.785 Research Methods in Economics and Finance 30
  - 137.710 The Theory and Management of Banking 30 P Permission Head of School; R 137.701, 137.702

#### Subject courses:
- 137.703 International Banking and Financial Markets 30 C 137.710
- 137.704 Risk Management for Financial Institutions 30 P Graduate status and 137.710
- 137.711 Strategic Banking Issues 30 P/C 137.710; R 137.701, 137.702

#### Part Two (at least 60 credits):
- 115.890 90 Credit Thesis 90
- 115.891 Thesis Part 1 45
- 115.892 Thesis Part 2 45

### Economics

#### Part One
- **Compulsory course (30 credits):**
  - xxx.7xx An approved Research Methods course 30 P Graduate status and Permission Head of School

#### Subject courses:
- 178.702 Macroeconomics 30
- 178.703 The Theory and Practice of Economics 30
- 178.712 International Monetary Economics 30 P 178.703 or 125.700 or 125.330 or Permission Head of School
- 178.713 Microeconomics 30 P Any 300-level Microeconomics course
- 178.718 Health Economics 30
- 178.732 Advanced Econometrics 30 P 125.785 or any 300-level Econometrics course
- 178.740 Global Food Markets and Trade 15 R 178.757
- 178.775 The Economics of Knowledge and Innovation 30 P 115.106 or 115.113 or 178.7xx or 178.703

#### Part Two (at least 60 credits):
- 178.894 Research Report 60
- 178.897 Thesis 120 Credit Part 1 60
- 178.898 Thesis 120 Credit Part 2 60 C 178.897
- 178.899 Thesis 120

### Communication

#### Part One
- **Compulsory course (30 credits):**
  - 219.790 Research Methods in Communication 30

#### Subject courses:
- 219.702 Management Communication 30
- 219.703 Advanced Business Communication 30
- 219.704 Advanced Cross-Cultural Communication 30
- 219.705 Advanced News Media Processes 30
- 219.706 Advanced Public Relations 30
- 219.708 Political Communication 30

#### Part Two (at least 60 credits):
- 219.887 Research Report 60
- 219.897 Thesis 120 Credit Part 1 60
- 219.898 Thesis 120 Credit Part 2 60 C 219.897
- 219.899 Thesis 120
- 115.890 90 Credit Thesis 90
- 115.891 Thesis Part 1 45
- 115.892 Thesis Part 2 45
- 115.894 Research Report Part 1 30
- 115.895 Research Report Part 2 30

### Completion Requirements

9. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

10. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes. Candidates who do not meet the requirements for progression from Part One to Part Two, or who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Business or the Postgraduate Certificate in Business should they meet the relevant Qualification requirements.

### Unsatisfactory Academic Progress

11. The general Unsatisfactory Academic Progress regulations will apply.

### Transitional Provisions

12. All candidates commencing study towards the Master of Business Studies on or after 1 January 2014 must satisfy the requirements specified in these regulations.

13. Candidates who commenced study towards the Master of Business Studies prior to 1 January 2014 may choose to transfer to these regulations, but must satisfy all requirements as specified.

14. In all cases candidates must complete the qualification within the timeframes for completion as specified in the Completion Requirements.
### Finance

**Part One**

**Compulsory courses (30 credits):**

- 125.785 Research Methods in Economics and Finance 30

**Subject courses:**

- 125.700 Managerial Finance 30 P, R 125.330
- 125.732 Advanced Corporate Finance 30 P 125.700 or 125.330 or Permission Head of School
- 125.740 Advanced Investment Analysis 30 P 125.700 or 125.330 or Permission Head of School
- 125.780 Advanced International Finance 30 P Permission Head of School
- 125.781 Advanced Financial Risk Management 30 P 125.700 or 125.330 or Permission Head of School

**Part Two (at least 60 credits):**

- 115.890 90 Credit Thesis 90
- 115.891 Thesis Part 1 45
- 115.892 Thesis Part 2 45
- 125.850 Research Report Part 1 30
- 125.851 Research Report Part 2 30
- 125.892 Research Report 60
- 125.897 Thesis 120 Credit Part 1 60
- 125.898 Thesis 120 Credit Part 2 60 C 125.897
- 125.899 Thesis 120

### Human Resource Management

**Part One**

**Compulsory course (30 credits):**

- 152.781 Advanced Research Methods in Business 30

**Subject courses:**

- 114.702 Human Resource Management and Workplace Relations 30 R any 30 credits from 114.701, 114.704, 114.705
- 114.709 Managing the Employment Relationship 30
- 114.710 Organisational Learning 30
- 114.722 Advanced Organisational Behaviour 30 P Permission Head of School or 114.702
- 114.723 Performance Management 30 P 114.726 or 114.700 or 114.702; R 114.724, 114.726
- 114.728 Valuing Human Resource Talent in Business Enterprises 30 P 114.726 or 114.700 or 114.702
- 114.735 Competitive Advantage and HRM Strategy 30 P PHOS or 114.726 or 114.700 or 114.702; R 114.725
- 114.761 International Human Resource Management 30
- 114.762 Career Management in an International Context 30

**Elective courses (up to 30 credits):**

- 251.731 Advanced Occupational Safety and Health 30
- 251.770 Health and Safety Auditing 30
- 251.772 Advanced Occupational Hygiene 30
- 251.773 Hazard Management 30

**Part Two (at least 60 credits):**

- 114.894 Research Report 60

### Management

**Part One**

**Compulsory course (30 credits):**

- 152.781 Advanced Research Methods in Business 30

**Subject courses:**

- 114.722 Advanced Organisational Behaviour 30 P Permission Head of School or 114.702
- 152.700 Organisation and Management 30 R 152.200, 152.300
- 152.701 Advanced Management 30
- 152.702 Advanced Strategic Management 30
- 152.704 Business and Sustainability 30 R 115.783
- 152.705 Advanced Change Management 30 R 152.707
- 152.707 Leading and Changing Organisations 30 R 152.705, 152.709
- 152.709 Leadership 30 R 152.707
- 152.724 Advanced Services Management 30
- 152.731 Innovation and New Ventures 30 R 26.441, 52.731
- 152.732 Issues in Entrepreneurship 30 R 26.442, 52.732
- 152.740 Public Sector Management 30
- 152.742 Health Systems Management 30 R 259.742
- 152.743 Health Policy 30 R 259.743
- 152.746 Contemporary Issues in Health Service Management 30 R 259.746
- 152.752 Project Management 30
- 152.757 Critical Management Studies 30
- 152.761 Advanced International Business 30
- 152.762 The International Business Environment 30
- 152.764 Topics in International Business 30
- 152.766 International Entrepreneurship 30
- 152.768 Managing Knowledge 30
- 157.701 Health Information Management 30 R 157.711, 157.733 and 158.759

**Part Two (at least 60 credits):**

- 152.896 Research Report 60
- 152.897 Thesis 120 Credit Part 1 60 P Permission Head of School
- 152.898 Thesis 120 Credit Part 2 60 P Permission Head of School; C 114.897
- 152.899 Thesis 120
- 115.898 Thesis 120 Credit Part 2 60 P Permission Head of School; C 114.897
- 115.890 90 Credit Thesis 90
- 115.891 Thesis Part 1 45
- 115.892 Thesis Part 2 45
- 115.894 Research Report Part 1 30
- 115.895 Research Report Part 2 30
- 152.801 Thesis 90 90
- 152.802 Thesis 90 Credit Part 1 45 P 152.781 and Permission Head of School
- 152.803 Thesis 90 Credit Part 2 45 P 152.781 and Permission Head of School
- 152.804 Thesis 120 Credit Part 1 60 P 152.781 and Permission Head of School
- 152.805 Thesis 120 Credit Part 2 60 P 152.781 and Permission Head of School; C 152.804
- 115.894 Research Report Part 1 30
- 115.895 Research Report Part 2 30
The Degree of Master of Clinical Psychology
MClinPsych

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the degree of Master of Clinical Psychology requires that the candidate will:
   (a) have met the University admission requirements as specified; and
   (b) have been awarded or qualified for a Master’s degree with First Class or Second Class Division I Honours in Psychology with at least 90 credits of research or the equivalent or a PhD in Psychology; and
   (c) have been selected following a selection process which will include a written application, selection panel interview, and consideration of prior professional experience (if any), a personal statement of intent and career goals, and letters of recommendation from relevant professionals familiar with the candidate’s academic and practical work; and
   (d) on the basis of 1(c), have satisfied the Academic Board, or their delegate, that they have sufficient personal qualities, ethical standards, and professional potential, and are suitable to undertake a professional programme of study which satisfies the eligibility requirements to practice as a Registered Psychologist in accordance with the Health Practitioners Competence Assurance Act of 2003, or as amended; and
   (e) have completed the following courses, or their equivalents, obtaining at least a B+ average within the previous three years: 175.781 Clinical Psychopathology; 175.782 Clinical Psychology Assessment and 175.783 Clinical Psychology Interventions.

Qualification Requirements
2. Candidates for the degree of Master of Clinical Psychology shall follow a parts-based course of study, which shall consist of courses totalling at least 240 credits, comprising:
   (a) completion of Part One and Part Two as detailed in the Schedule for the Qualification;
   (b) attending training activities as required.

Specialisations
3. The Master of Clinical Psychology is awarded without a subject.

Academic Requirements
4. Candidates must achieve specified performance standards in the academic courses, the clinical practicum courses, the internship, and research case studies.

Student Progression
5. For progression from Part One to Part Two, candidates must pass all of the Part One courses.
6. The Master of Clinical Psychology is awarded without a class of honours.

Completion Requirements
7. The Academic Board or their delegate shall determine the minimum period of enrolment, normally two years (24 months), and conditions of studentship for each candidate.
8. A candidate’s course of study may not exceed three years (36 months) from the date of first enrolment in a course to be credited to the Master of Clinical Psychology unless, under exceptional circumstances, a programme of up to four years (48 months) is approved by the Academic Board or their delegate.
9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress
10. For candidates enrolled in the Master of Clinical Psychology the following will lead to exclusion from the qualification:
    (a) failure to complete any Part One course in two successive attempts;
    (b) failure to complete the Clinical Psychology Internship in two successive attempts.

Schedule for the Master of Clinical Psychology

Part One (120 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.811</td>
<td>Clinical Assessment Skills</td>
<td>30</td>
</tr>
<tr>
<td>175.812</td>
<td>Clinical Intervention Skills</td>
<td>30</td>
</tr>
<tr>
<td>175.813</td>
<td>Clinical Psychology Practica</td>
<td>60</td>
</tr>
</tbody>
</table>

Part Two (120 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.814</td>
<td>Clinical Psychology Internship</td>
<td>120</td>
</tr>
</tbody>
</table>
The Degree of Master of Communication

MC

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Degree of Master of Communication requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a university Bachelor’s degree or an equivalent qualification in a field relevant to the study of communication and have achieved a B grade average over the 300-level majoring courses; or
   (c) have been awarded or qualified for a Bachelor of Communication with Honours or equivalent, or a Postgraduate Diploma in Communication or equivalent, having achieved a B grade average.

2. In addition, candidates will be required to have achieved an IELTS of 7 with no band less than 6.5 within the preceding five years if English is not the applicant’s first language and the qualifying degree was not completed at a University where English was the medium of instruction.

Qualification Requirements

3. Candidates for the Degree of Master of Communication shall follow a parts-based programme of study, which shall consist of courses totalling at least 180 credits, comprising:
   (a) Part One and Part Two as specified by the Schedule to the Qualification;
   (b) at least 60 credits at 800 level;
   And including:
   (c) the core courses listed in Schedule A to the Qualification;
   (d) a maxima of 30 credits from Schedule C to the Qualification;
   (e) attending field trips, contact workshops, studios, workshops, tutorials, and laboratories as required.

4. Notwithstanding Regulation 3, candidates admitted in accordance with Regulation 1(c) are required to complete 120 credits comprising either:
   (a) 60 credits from Part One and 60 credits from Part Two; or,
   (b) subject to confirmation of an available supervisor and an accepted thesis proposal, a 120-credit thesis.

Specialisations

5. The Degree of Master of Communication is awarded without specialisation.

6. Notwithstanding Regulation 5, the following subjects are awarded in accordance with transition regulations 13 to 16: Communication Management, Expressive Arts, Journalism Studies, Linguistics, Marketing Communication, Media Studies, Public Relations.

Student Progression

7. For progression to Part Two, candidates must have achieved a B grade average over Part One (120 credits) of the qualification. Students not meeting this criterion but who have completed 120 credits in accordance with the Part One regulations may be eligible to exit with a Postgraduate Diploma in Communication.

8. In cases of sufficient merit, the Degree of Master of Communication may be awarded with Distinction or Merit.

Completion Requirements

9. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

10. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Communication should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

11. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions

12. All candidates commencing study towards the Degree of Master of Communication on or after 1 January 2016 must satisfy the requirements specified in these regulations

13. All candidates who commenced study towards the Degree of Master of Communication prior to 2016, and who have passed at least 30 credits whilst enrolled in the Masterate, may complete under the Master of Communication regulations in the 2015 Massey University Calendar (or earlier regulations) until the end of the 2018 academic year.

14. Candidates who commenced study towards the Degree of Master of Communication in 2015 or earlier may choose to transfer to the current regulations, but must satisfy all requirements specified in these regulations.

15. These transition arrangements expire in 2018.

16. In all cases candidates must complete the qualification within the timeframes for completion as specified in the Completion Requirements.

Schedule for the Master of Communication

Part One (120 credits)

Schedule A: Core Courses (60 credits)

154.721 The Communication Field 30
219.721 Transdisciplinary Communication Research Methods 30

Schedule B: Communication Courses (maximum 60 credits)

139.749 Writing Science 30
139.763 Community Theatre 30
139.764 Theatre for Innovation and Communication 30
139.765 New Directions in Creative Writing 30
154.702 Advanced Film Studies 30
154.708 Modern Fiction, Popular Culture and the Media 30
154.709 Technology and Cultural Change 30
154.747 Media Practice and Global Culture 30
156.755 Advanced Social Media and Mobile Marketing 30
156.758 Advanced Social Marketing 30
172.712 Multimodal Discourse Analysis 30
172.713 Language and Communication in Late Modernity 30
219.702 Management Communication 30
219.703 Advanced Business Communication 30
219.704 Advanced Cross-Cultural Communication 30
219.705 Advanced News Media Processes 30
219.706 Advanced Public Relations 30
219.708 Political Communication 30
219.709 Advanced Journalism Issues 30
219.710 Persuasive Communication Practice 30

Schedule C: Elective Courses (maximum 30 credits)

114.702 Human Resource Management and Workplace Relations 30
130.705 Emergency Management 30
150.701 Tiro Rangatiratanga: Strategic Māori Development 30
The Degree of Master of Construction
MConstr

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Degree of Master of Construction requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for the Bachelor of Construction and the Postgraduate Diploma in Construction, or equivalent qualifications; or
   (c) have been awarded the Bachelor of Construction or equivalent plus a minimum of two years approved experience in the Construction Sector in a professional capacity.

2. In addition to the requirements of Regulation 1, admission to the Degree of Master of Construction by thesis (90 or 120 credits) requires that the candidate will have achieved a Grade Average of B over the qualifying 700-level courses or equivalent.

Qualification Requirements
3. Candidates for the Degree of Master of Construction shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) courses selected from the Schedule for the Qualification;
   (b) at least 45 credits from Schedule C;
   And including:
   (c) attending workshops, block courses, tutorials, or laboratories as required.

Specialisations
4. The Degree of Master of Construction may be awarded with or without a subject.
5. Candidates may complete a subject by passing at least 60 credits in a subject; the requirements for each subject are set out in Schedule A for the Qualification.

Student Progression
7. In cases of sufficient merit, the Degree of Master of Construction may be awarded with distinction or merit.

Completion Requirements
8. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Construction should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
10. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Master of Construction
Schedule A: Subject Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>139.850</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>154.850</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>156.850</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>172.850</td>
<td>Thesis</td>
<td>120 P Permission Head of School</td>
</tr>
<tr>
<td>219.850</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>139.851</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>154.851</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>156.851</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>172.851</td>
<td>Thesis 120 Credit Part 1</td>
<td>60 P Permission Head of School</td>
</tr>
<tr>
<td>219.851</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>139.852</td>
<td>Thesis 120 Credit Part 2</td>
<td>60 C 139.851</td>
</tr>
<tr>
<td>154.852</td>
<td>Thesis 120 Credit Part 2</td>
<td>60 C 154.851</td>
</tr>
<tr>
<td>156.852</td>
<td>Thesis 120 Credit Part 2</td>
<td>60 C 156.851</td>
</tr>
<tr>
<td>172.852</td>
<td>Thesis 120 Credit Part 2</td>
<td>60 P Permission Head of School; C 172.851</td>
</tr>
<tr>
<td>219.852</td>
<td>Thesis 120 Credit Part 2</td>
<td>60 C 219.851</td>
</tr>
</tbody>
</table>

Building Technology (60 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>228.769</td>
<td>Energy-Efficient Building Design</td>
<td>15 P 228.741 or 228.743; R 142.769</td>
</tr>
<tr>
<td>218.730</td>
<td>Construction Project Management</td>
<td>15</td>
</tr>
<tr>
<td>228.743</td>
<td>Energy Management</td>
<td>15 P 228.741 or 228.769 or 280.271; R 142.743</td>
</tr>
<tr>
<td>218.761</td>
<td>Design and Management of Healthy Buildings</td>
<td>15 R 218.760</td>
</tr>
</tbody>
</table>

Construction Law (60 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>218.763</td>
<td>Construction Law I</td>
<td>15</td>
</tr>
<tr>
<td>218.764</td>
<td>Construction Law II</td>
<td>15</td>
</tr>
<tr>
<td>218.765</td>
<td>Construction Adjudication</td>
<td>15</td>
</tr>
<tr>
<td>218.730</td>
<td>Construction Project Management</td>
<td>15</td>
</tr>
</tbody>
</table>

Construction Project Management (60 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>218.710</td>
<td>Advanced Construction Planning and Scheduling</td>
<td>15</td>
</tr>
<tr>
<td>218.720</td>
<td>Advanced Construction Site Operations and Control</td>
<td>15</td>
</tr>
<tr>
<td>218.730</td>
<td>Construction Project Management</td>
<td>15</td>
</tr>
<tr>
<td>218.763</td>
<td>Construction Law I</td>
<td>15</td>
</tr>
</tbody>
</table>

Facilities Management (75 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>114.702</td>
<td>Human Resource Management and Workplace Relations</td>
<td>30 R any 30 credits from 114.700, 114.701, 114.704, 114.705</td>
</tr>
<tr>
<td>218.730</td>
<td>Construction Project Management</td>
<td>15</td>
</tr>
<tr>
<td>218.761</td>
<td>Design and Management of Healthy Buildings</td>
<td>15 R 218.760</td>
</tr>
<tr>
<td>228.743</td>
<td>Energy Management</td>
<td>15 P 228.741 or 228.769 or 280.271; R 142.743</td>
</tr>
</tbody>
</table>
### Qualification Regulations

#### Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

#### Part II

**Admission**

1. Admission to the Master of Counselling Studies requires that the candidate will:
   
   (a) meet the University admission requirements as specified; and:
   
   (b) have been awarded or qualified for either:
   
   (i) the Postgraduate Diploma in Education (Counselling and Guidance); or
   
   (ii) the Postgraduate Diploma in Rehabilitation (Rehabilitation Counselling); or
   
   (iii) an approved equivalent qualification;
   
   and:
   
   (c) have achieved at least a B grade average across all courses in the qualifying programme of study; and:
   
   (d) have satisfied the Academic Board that they have sufficient background of professional experience to be likely to successfully engage in the programme.

2. Admission to the qualification will be granted or withheld on consideration of the admission requirements specified under Regulation 1, a police vetting report and a selection process that may include a written application, interview, and practical exercises as may be determined by the College Pro Vice-Chancellor or their delegate.

#### Qualification Requirements

3. Candidates for the Master of Counselling Studies shall follow a fixed programme of study, which shall consist of:

   (a) courses totalling at least 120 credits as specified in the Schedule to the Degree.

   (b) attending workshops, tutorials, and laboratories as required;

   (c) completion of supervised practice as specified in the requirements for the Professional Development in Counselling I and Professional Development in Counselling II courses.

#### Specialisations

4. There are no specialisations for this degree.

#### Academic Requirements

5. The degree shall be awarded on the basis of the whole examination which shall include the evaluation of the separate courses and of the research project, with the proviso that all components shall be at least of pass standard.

6. A candidate may be permitted to revise an unsatisfactory Research Project and to resubmit it for assessment on one occasion.

#### Student Progression

7. The Master of Counselling Studies is not awarded with honours, distinction or merit.

#### Completion Requirements

8. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

#### Unsatisfactory Academic Progress

10. The general Unsatisfactory Academic Progress regulations will apply.

### The Degree of Master of Counselling Studies

**MCounsStuds**

<table>
<thead>
<tr>
<th>Schedule B: Elective Courses</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Quantity Surveying (60 credits)</strong></td>
<td></td>
</tr>
<tr>
<td>218.730 Construction Project Management</td>
<td>15</td>
</tr>
<tr>
<td>218.780 Construction Commercial Management I</td>
<td>15</td>
</tr>
<tr>
<td>218.781 Construction Commercial Management II</td>
<td>15</td>
</tr>
<tr>
<td>218.784 Construction Law II</td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Schedule C: Research Courses</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>218.828 Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>218.829 Thesis 90 Credit Part 2</td>
<td>45</td>
</tr>
<tr>
<td>218.830 Thesis</td>
<td>90</td>
</tr>
<tr>
<td>218.820 Dissertation</td>
<td>60</td>
</tr>
<tr>
<td>218.810 Research Report</td>
<td>45</td>
</tr>
</tbody>
</table>

### Compulsory Courses (120 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>228.746</td>
<td>Renewable Energy Resources</td>
<td>15</td>
<td>R 142.746</td>
</tr>
<tr>
<td>228.747</td>
<td>Renewable Energy Systems Design</td>
<td>15</td>
<td>P 228.741 or 228.741; R 142.747</td>
</tr>
<tr>
<td>228.748</td>
<td>Climate Change Science and Policy</td>
<td>15</td>
<td>R 142.748</td>
</tr>
<tr>
<td>228.750</td>
<td>Renewable Energy and Sustainable Development</td>
<td>15</td>
<td>P 228.312; R 142.750</td>
</tr>
<tr>
<td>228.755</td>
<td>Energy Efficiency (Systems Analysis and Auditing)</td>
<td>15</td>
<td>R 142.756</td>
</tr>
<tr>
<td>228.757</td>
<td>Energy Efficiency (Industrial and Commercial Technology)</td>
<td>15</td>
<td>P 228.756 or 228.756; R 142.757</td>
</tr>
<tr>
<td>228.769</td>
<td>Energy-Efficient Building Design</td>
<td>15</td>
<td>P 228.741 or 228.741; R 142.769</td>
</tr>
<tr>
<td>228.770</td>
<td>Quality Management</td>
<td>30</td>
<td>R 143.719, 287.733</td>
</tr>
<tr>
<td>228.741</td>
<td>Energy Efficiency (Systems Planning Law)</td>
<td>15</td>
<td>P 228.741 or 228.741; R 142.744</td>
</tr>
<tr>
<td>228.744</td>
<td>Case Studies of Renewable Energy Systems</td>
<td>15</td>
<td>P 142.741 or 228.741; R 142.744</td>
</tr>
<tr>
<td>228.745</td>
<td>Renewable Energy Conversion Devices</td>
<td>15</td>
<td>P 142.741 or 228.741; R 142.745</td>
</tr>
</tbody>
</table>

**Full details can be found in the Massey University 2018 Calendar.**
The Degree of Master of Creative Enterprise  
**MCE**

**Qualification Regulations**

**Part I**
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

**Admission**
1. Admission to the Degree of Master of Creative Enterprise requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a relevant bachelor’s degree, with a grade average of at least a B in the highest level courses, or equivalent.

**Qualification Requirements**
2. Candidates for the Degree of Master of Creative Enterprise shall follow a parts-based course of study, which shall consist of courses totalling at least 180 credits, comprising:
   (a) Part One and Part Two as specified in the Schedule for the Qualification;
   (b) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

**Specialisations**
3. The Degree of Master of Creative Enterprise Candidates is awarded without a specialisation.

**Student Progression**
4. In cases of sufficient merit, the Degree of Master of Creative Enterprise may be awarded with distinction or merit, in accordance with the provisions of the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

5. For progression to Part Two, candidates must have achieved at least a B grade average in the first 60 credits completed in Part One.

**Completion Requirements**
6. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

7. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

**Unsatisfactory Academic Progress**
8. The general Unsatisfactory Academic Progress regulations will apply.

**Schedule for the Master of Creative Enterprise**

**Part One (90 credits)**
- 293.701 Prototype and Synopsis 30
- 293.702 Commercial Viability 15
- 293.703 Advanced Creative Enterprise 15 P 293.702
- 293.730 Critical Frameworks for Creative Practice 15
- 293.731 Applied Critical Perspectives 15 P 293.730

**Part Two (90 credits)**
- 293.810 MCE Major Project 90 P 293.701
- 293.811 MCE Major Project Part 1 45 P 293.701
- 293.812 MCE Major Project Part 2 45 C293.811

---

The Degree of Master of Creative Writing  
**MCW**

**Qualification Regulations**

**Part I**
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

**Admission**
1. Admission to the Master of Creative Writing requires that the candidate will:
   (a) meet the University admission requirements as specified; and will have:
   (b) been awarded or qualified for the degree of Bachelor of Arts in Creative Writing, Expressive Arts, English or equivalent, with a B grade average across the 200- and 300-level specialisation courses; or
   (c) been awarded or qualified for the degree of Bachelor of Arts with Honours or Postgraduate Diploma in Arts in Creative Writing, Expressive Arts, English or equivalent, with a B grade average for the qualification; and will have:
   (d) been selected into the programme on the basis of a portfolio of creative writing of sufficient substance and quality.

**Qualification Requirements**
2. Candidates of the Degree of Master of Creative Writing shall follow a parts-based programme of study, which shall consist of courses totalling at least 180 credits, comprising:
   (a) completion of Part One and Part Two as detailed in the Schedule for the Qualification;
   (b) attendance of a compulsory workshop either on-line or in person.

3. Notwithstanding Regulation 2, the programme of study for candidates admitted under Regulation 1(c) will be at least 120 credits including Part Two as detailed in the Schedule for the Qualification.

**Specialisations**
4. The Master of Creative Writing is awarded without a specialisation.

**Student Progression**
5. In cases of sufficient merit, the Degree of Master of Creative Writing may be awarded with distinction or merit.

6. For progression to Part Two of the Master of Creative Writing candidates must have maintained a grade average of at least a B+ over the 60 credits undertaken for Part One.

**Completion Requirements**
7. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

8. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes. Candidates who do not meet the requirements for progression from Part One to Part Two, or who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate Arts, should they meet the relevant Qualification requirements.

**Unsatisfactory Academic Progress**
9. The general Unsatisfactory Academic Progress regulations will apply.

**Transitional Arrangements**
10. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree,
candidates enrolled in the Master of Creative Writing prior to the beginning of the 2018 academic year who have completed at least 30 credits towards the degree may be permitted to substitute courses already completed for courses included in the Part One List A Schedule to the Degree. These transitional arrangements expire 31 December 2020.

Schedule for the Master of Creative Writing

Part One (60 credits)

List A
At least 30 credits from:

139.703 Critical and Creative Research 30
139.765 New Directions in Creative Writing 30

List B
Up to 30 credits from:

139.707 Women, Desire and Narrative 30
139.710 Rhetoric, Composition and the Teaching of Writing 30

139.724 Literary Revolutions: Romantic and Victorian Literature 30
139.750 Contemporary New Zealand Writers in an International Context 30
139.752 Aotearoa New Zealand Drama and Performance 30
139.757 Twentieth-Century New Zealand Fiction: Texts and Theories 30
139.758 Postcolonial Theory and Writing 30
139.763 Community Theatre 30
139.799 Research Report (30) 30
154.708 Modern Fiction, Popular Culture and the Media 30
154.747 Media Practice and Global Culture 30

Part Two (120 Credits)

139.860 Thesis 120
139.861 Thesis 120 Credit Part 1 60
139.862 Thesis 120 Credit Part 2 60 C 139.861

The Degree of Master of Dairy Science and Technology
MDairyScTech

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Master of Dairy Science and Technology requires that the candidate will:
   (a) meet the University admission requirements as specified;
   (b) have been awarded or qualified for a Bachelor of Engineering with Honours, Bachelor of Science with Honours, Bachelor of Food Technology with Honours, or equivalent; and
   (c) have approved employment in the New Zealand dairy industry to facilitate the requirements of courses 141.750 Dairy Products Research Projects and 141.848 Dairy Science and Technology Research Project.

Qualification Requirements
2. Candidates for the Master of Dairy Science and Technology shall follow a fixed programme of study, which shall consist of courses totalling 120 credits, comprising:
   (a) the courses from the Schedule to the Qualification; and including:
   (b) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
3. The Master of Dairy Science and Technology is awarded without a specialisation.

Student Progression
4. In cases of sufficient merit, the Master of Dairy Science and Technology may be awarded with Distinction or Merit.

Completion Requirements
5. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress
7. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Master of Dairy Science and Technology

141.745 Dairy Science, Technology and Engineering 30
141.746 Dairy Products Technology 30
141.750 Dairy Products Research Projects 15 R 141.747
141.848 Dairy Science and Technology Research Project 45 R 141.748

The Degree of Master of Design
MDes

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Degree of Master of Design requires that the candidate will:
   (a) meet the University admission requirements as specified;
   (b) have been awarded or qualified for a relevant Bachelor’s degree or equivalent qualification with a grade average of at least B; or
   (c) have been awarded or qualified for the Bachelor of Design (Honours) or the Bachelor of Fine Arts (Honours) with a grade average of at least B in Part 4 courses, or equivalent; or
   (d) have been awarded or qualified for the Postgraduate Diploma in Design with a grade average of at least B, or equivalent; or
   (e) have been granted admission under the Admission with Equivalent Status regulations and demonstrate practical, professional and scholarly experience at an appropriate level;
and will have:

(f) been selected into the programme on the basis of an interview and assessment of a portfolio of design work prepared by the candidate.

Qualification Requirements

2. Candidates for the Degree of Master of Design shall follow a parts-based programme of study, which shall consist of courses totalling at least 180 approved credits and include completion of Part One and Part Two. The requirements for Part One and Part Two are prescribed in the Schedule for the Qualification.

3. Notwithstanding Regulation 2, the programme of study for a candidate who has been awarded or qualified for the Bachelor of Design (Honours), Bachelor of Fine Arts (Honours), Postgraduate Diploma in Design, or equivalent, shall consist of thesis courses totalling 120 credits, as prescribed in Part Two in the Schedule for the Qualification.

Specialisations

4. This qualification is awarded without specialisation.

Student Progression

5. In cases of sufficient merit, the Degree of Master of Design may be awarded with distinction or merit.

6. For progression to Part Two of the Master of Design, candidates must have maintained a grade average of at least B over the 60 credits undertaken for Part One.

Completion Requirements

7. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

8. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress

9. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Master of Design

Part One (60 credits)

Compulsory Course (30 credits)

C 197.701 Creative Research Practices I 30

Subject Courses (30 credits)

C 197.706 Advanced Digital Fabrication for Creative Research I 15 P Permission Course Coordinator
C 197.707 Advanced Digital Fabrication for Creative Research II 15 P Permission Course Coordinator
C 197.702 Creative Research Practices II 30 P 197.701
C 197.703 Creative Research Special Topic A 30
C 197.704 Creative Research Special Topic B 15
C 197.705 Independent Study 15

Any 400-level or 700-level elective course listed in Schedule C for the Degree of Bachelor of Design with Honours.

Part Two (120 credits)

C 197.800 Design Thesis 120
C 197.802 Design Thesis 120 Credit Part I 60
C 197.803 Design Thesis 120 Credit Part II 60 C 197.802

The Degree of Master of Education

MEd

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Degree of Master of Education requires that the candidate will:

(a) meet the University admission requirements as specified; and shall have:

(b) been awarded or qualified for the Bachelor of Education with a grade average in the highest level courses of at least a B, or equivalent; or

(c) been awarded or qualified for any other Bachelor’s degree with a grade average in the highest level courses of at least a B, or equivalent, and hold a professional qualification in teaching; or

(d) been awarded or qualified for any other Bachelor’s degree with a grade average in the highest level courses of at least a B, or equivalent, and have professional experience relevant to the intended postgraduate subject; or

(e) been awarded a Postgraduate Diploma in Education, or equivalent, with a grade average across all courses of at least B (Coursework pathway) or at least B+ (Research pathway).

Qualification Requirements

2. Candidates for the Degree of Master of Education shall follow a parts-based programme of study totalling at least 180 credits from the Master of Education Schedule, comprising:

(a) completion of Part One and Part Two as specified in the Schedule for the Degree; and including

(b) at least 15 credits (Coursework Pathway) or 30 credits (Research Pathway) of research methods course(s) as listed in the Schedule for the Degree.

3. Notwithstanding Regulation 2, the programme of study for candidates admitted under Regulation 1(e) will consist of courses from the Schedule for the Degree totalling at least 120 credits including:

(a) Part Two as detailed in the Schedule for the Degree;

(b) at least 30 credits at 700-level, including at least 15 credits (Coursework Pathway) or 30 credits (Research Pathway) of research methods course(s), as listed in the Schedule for the Degree.

Specialisations

4. The Degree of Master of Education may be awarded with or without a subject.

5. A candidate may complete a subject by completing at least 135 credits (Coursework pathway) or at least 150 credits (Thesis pathway) in a subject including Part Two. The requirements for each subject are set out in the Schedule for the Degree.


Student Progression

7. For progression to Part Two in the Master of Education (Coursework pathway), candidates must have achieved a B grade average in the first 120 credits of courses completed in Part One.

8. For progression to Part Two in the Master of Education (Research pathway), candidates must have achieved a B+ grade average in the first 90 credits of courses completed in Part One.

9. In cases of sufficient merit, the Degree of Master of Education may be awarded with Distinction or Merit.

Completion Requirements

10. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

11. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation...
may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Education or the Postgraduate Diploma in Education should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
12. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions
13. All candidates who commenced study towards the Master of Education on or after 1 January 2016 must satisfy the requirements as specified in these regulations.
14. Candidates who have completed fewer than 90 credits towards the Master of Education, as at 1 January 2016, must transfer to the new regulations.
15. Candidates who have completed 90 credits or more towards the Master of Education, as at 1 January 2016 may choose to transfer to these regulations, providing they can satisfy all requirements as specified.
16. Candidates who have completed 90 credits or more, as at 1 January 2016, may continue under the previous Master of Education regulations but must complete by the end of 2018.

Schedule for the Master of Education

Part One

Research Methods Courses

Coursework Pathway

15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>267.740</td>
<td>Mixed Methods Research in Education</td>
<td>15</td>
</tr>
<tr>
<td>267.741</td>
<td>Indigenous Research Methodologies</td>
<td>15 R 267.790</td>
</tr>
<tr>
<td>267.782</td>
<td>Quantitative Research in Education</td>
<td>15 R 267.720, 267.723, 267.780, 267.788</td>
</tr>
<tr>
<td>267.783</td>
<td>Qualitative Research in Education</td>
<td>15 R 267.720, 267.723, 267.780, 267.788</td>
</tr>
</tbody>
</table>

Research Pathway

30 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>267.740</td>
<td>Mixed Methods Research in Education</td>
<td>15</td>
</tr>
<tr>
<td>267.741</td>
<td>Indigenous Research Methodologies</td>
<td>15 R 267.790</td>
</tr>
<tr>
<td>267.782</td>
<td>Quantitative Research in Education</td>
<td>15 R 267.720, 267.723, 267.780, 267.788</td>
</tr>
<tr>
<td>267.783</td>
<td>Qualitative Research in Education</td>
<td>15 R 267.720, 267.723, 267.780, 267.788</td>
</tr>
</tbody>
</table>

Master of Education Subjects

Early Years

Subject courses
At least 90 credits (Coursework Pathway) or 60 credits (Research Pathway) from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>265.736</td>
<td>Quality in Early Years Education</td>
<td>30</td>
</tr>
<tr>
<td>265.737</td>
<td>Young Children and Their Families</td>
<td>30</td>
</tr>
<tr>
<td>265.738</td>
<td>Children’s Play and Learning in an Intentional Teaching Practice</td>
<td>30</td>
</tr>
<tr>
<td>265.740</td>
<td>Advanced Studies on Learning in the Early Years</td>
<td>30</td>
</tr>
</tbody>
</table>

Educational Administration and Leadership

Compulsory courses (60 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>259.771</td>
<td>Educational Leadership in Action</td>
<td>30</td>
</tr>
<tr>
<td>259.772</td>
<td>Theory and Process in Educational Leadership</td>
<td>30</td>
</tr>
</tbody>
</table>

Subject courses:
At least 30 credits (Coursework Pathway) from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>254.774</td>
<td>Evaluation of Educational Organisations</td>
<td>30</td>
</tr>
<tr>
<td>254.775</td>
<td>Management of Human Resources in Educational Organisations</td>
<td>30</td>
</tr>
</tbody>
</table>

E-Learning

Compulsory courses (60 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>261.760</td>
<td>Instructional Design for E-Learning</td>
<td>30</td>
</tr>
<tr>
<td>261.764</td>
<td>Foundations of E-Learning</td>
<td>30</td>
</tr>
</tbody>
</table>

Subject courses:
At least 30 credits (Coursework Pathway) from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>261.765</td>
<td>Trends in E-Learning</td>
<td>30</td>
</tr>
<tr>
<td>261.766</td>
<td>Teaching for E-Learning</td>
<td>30</td>
</tr>
</tbody>
</table>

Inclusive Education

Compulsory courses (60 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>249.741</td>
<td>Assessment and Planning for Learners with Diverse Needs</td>
<td>30 R 186.741</td>
</tr>
<tr>
<td>249.742</td>
<td>Teaching Methods for Learners with Diverse Needs</td>
<td>30 R 186.742</td>
</tr>
<tr>
<td>256.756</td>
<td>Applied Behaviour Analysis for Educators</td>
<td>30 R 186.756</td>
</tr>
</tbody>
</table>

Literacy Education

Compulsory courses (30 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>258.720</td>
<td>Foundations of Literacy Education</td>
<td>30</td>
</tr>
</tbody>
</table>

Subject courses:
At least 60 credits (Coursework Pathway) or 30 credits (Research Pathway) from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>258.721</td>
<td>Teaching Students with Literacy Learning Difficulties</td>
<td>30</td>
</tr>
<tr>
<td>258.722</td>
<td>The Nature, Prevention and Remediation of Literacy Learning Difficulties</td>
<td>30</td>
</tr>
<tr>
<td>258.723</td>
<td>Teaching Writing in the Classroom</td>
<td>30</td>
</tr>
</tbody>
</table>

Māori Education

Compulsory courses (60 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>269.711</td>
<td>Policy and Development in Māori Education</td>
<td>30</td>
</tr>
<tr>
<td>269.734</td>
<td>Mana Whānau Whānau Engagement in Education</td>
<td>30</td>
</tr>
</tbody>
</table>

Subject courses:
At least 30 credits (Coursework Pathway) from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>269.733</td>
<td>Mana Motuhake: Contemporary Issues in Māori and Indigenous Education</td>
<td>30</td>
</tr>
<tr>
<td>269.735</td>
<td>Mana Kura: Leadership in Māori Education</td>
<td>30</td>
</tr>
<tr>
<td>269.736</td>
<td>Mana Mātauranga: Indigeneity, Innovation and Information</td>
<td>30</td>
</tr>
</tbody>
</table>

Mathematics Education

Subject courses
At least 90 credits (Coursework Pathway) or 60 credits (Research Pathway) from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>276.700</td>
<td>Developing Mathematical Inquiry Communities</td>
<td>30</td>
</tr>
<tr>
<td>276.730</td>
<td>Enterprising STEM Education</td>
<td>30</td>
</tr>
<tr>
<td>276.782</td>
<td>Mathematics Education</td>
<td>30</td>
</tr>
</tbody>
</table>
The Degree of Master of Educational Administration and Leadership

No new enrolments from 2016

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Eligibility
1. Before enrolling for the degree of Master of Educational Administration and Leadership candidates shall:
   (a) for entry to the 120-credit Master of Educational Administration and Leadership coursework pathway, have at least a B average in a Postgraduate Diploma in Educational Administration and Leadership or equivalent; or
   (b) for entry to the 120-credit Master of Educational Administration and Leadership research pathway, have at least a B+ average in a Postgraduate Diploma in Educational Administration and Leadership or equivalent; or
   (c) for entry to the 240-credit Masters, have qualified for the degree of Bachelor of Education or equivalent; with at least a B+ average; or
   (d) have qualified for any other degree of a New Zealand university with at least a B+ average and hold a professional qualification in teaching; and
   (e) have been granted admission to postgraduate study as entitled to proceed to the degree of Master of Educational Administration and Leadership; and
   (f) have satisfied the Academic Board that they have sufficient background of professional experience to be likely to benefit from the programme.

Programme of Study
2. A candidate has three options with the Master of Educational Administration and Leadership:
   (a) a 120-credit Coursework Pathway Masters (courses to a value of 120 credits); or
   (b) a 120-credit Research Pathway (30 credits of research methods [or approved alternative if completed an equivalent course in the PGDipEdAdminLead] and a thesis to the value of 90 credits); or
   (c) a 240-credit Masters (comprising coursework courses to a value of 120 credits, and 30 credits of research methods and a thesis to the value of 90 credits).
3. Candidates enrolled in the 120 credit coursework pathway are required to complete courses listed in
   (a) up to two courses (60 credits) from list (i).
   (b) Candidates who completed these courses in the PGDipEdAdminLead, may select at least 90 credits from list (ii) below, and up to 30 credits from list (a) (iii) below.
4. Candidates enrolled in the 120 credit research pathway are required to complete courses listed in (b) research pathway in addition to a course (30 credits) from list (ii).
5. Candidates enrolled in the 240 credit masters are required to complete courses listed in (i), two courses (60 credits) from list (ii) and the relevant thesis option list (b).
   (a) Coursework pathway (120 credits)
      (i) Compulsory courses:
         259.771 Educational Leadership in Action 30
         259.772 Theory and Process in Educational Leadership 30
      (ii) At least 30 credits from the following list:
         254.701 Ethics in Education 30
         254.706 Advanced Studies in Curriculum Policy and Practice 30
         254.773 Educational Policy Analysis 30
         254.774 Evaluation of Educational Organisations 30
         254.775 Management of Human Resources in Educational Organisations 30
         257.767 Current Issues and Innovations in TESOL Leadership 30
         258.776 Gender Issues and Educational Leadership 30
         258.777 Leadership and Learning in Diverse Contexts 30
         269.711 Policy and Development in Māori Education 30
         273.725 Leadership and Communication in Tertiary Education 30
      (iii) Up to 30 credits from the following list:
         253.753 Guidance in Education 30
         254.704 Education and Historical Analysis 30
         261.764 Foundations of E-Learning 30
         269.732 Cultural Differences and Education 30
   or other courses listed for the Master of Education.
   (b) Research pathway (120 credits)

The Degree of Master of Educational and Developmental Psychology
MEdDevPsych

No enrolments until 2019

Qualification Requirements

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the degree of Master of Educational and Developmental Psychology requires that the candidate will:
   (a) meet the University admission requirements as specified; and:
   (b) have been awarded or qualified for a Bachelor’s degree in Education, Psychology, Counselling, Social Work, Speech Language Therapy, or a related relevant discipline, having achieved a grade average of at least a B in the highest level courses, or equivalent; and
   (c) have completed at least 60 credits of Academic Board or delegate approved psychology courses including at least 45 credits at 200 level or higher.

2. Candidates for the Master of Educational and Developmental Psychology shall follow a flexible programme of study, which shall consist of courses totalling at least 240 credits, comprising:
   (a) Part One and Part Two as specified in the schedule;
   (b) attending contact workshops, block courses, field trips, studios, workshops, tutorials and laboratories as required.

3. Notwithstanding Regulation 2, candidates who have been awarded or qualified for the Postgraduate Diploma in Resource Teacher: Learning and Behaviour (RTLb) or the Postgraduate Diploma Resource Teacher: Literacy (RTLit), with a grade average of at least a B, or equivalent, shall follow a flexible programme of study which shall consist of courses totalling at least 180 credits, comprising:
   (a) Part Two as specified in the Schedule to the Degree;
   (b) attending contact workshops, block courses, field trips, studios, workshops, tutorials and laboratories as required.

Specialisations
4. The Master of Educational and Developmental Psychology is awarded without a subject.
The Degree of Master of Educational Psychology

MEdPsych

No new enrolments from 2019

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Eligibility

1. Before enrolling candidates shall:
   (a) have qualified for an approved undergraduate degree in Education, Educational Psychology, Psychology or Teaching with a minimum B average; and
   (b) have been granted admission to postgraduate study as entitled to proceed to the degree of Master of Educational Psychology; and
   (c) have satisfied the Academic Board that they have sufficient background of professional experience to be likely to benefit from the programme; and
2. (a) Candidates for the degree of Master of Educational Psychology shall normally be enrolled in the Postgraduate Diploma in Education (Educational Psychology) in the first instance.
   (b) Transfer into the Master of Educational Psychology will be based on academic performance in the Postgraduate Diploma in Education (Educational Psychology). A minimum performance of B+ average or equivalent is required.
   (c) Candidates intending to apply for selection and admission into the Postgraduate Diploma in Educational Psychology (the internship) are required to have successfully completed 45 credits in approved undergraduate psychology courses with a minimum B average.

Notes

1. Successful completion of the Master of Educational Psychology will not give automatic entry into the Postgraduate Diploma in Educational Psychology.

Programme of Study

3. A candidate shall follow for not less than two calendar years a programme of study of 240 credits comprising courses to the value of 150 credits and a research thesis to the value of 90 credits (267.880 or 267.881 and 267.882) in accordance with the Schedule below.

(a) Five compulsory courses (150 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>249.744</td>
<td>Understanding Learners with Behaviour Difficulties</td>
<td>30</td>
</tr>
<tr>
<td>256.754</td>
<td>Assessment in Educational Psychology</td>
<td>30</td>
</tr>
<tr>
<td>256.755</td>
<td>Professional Practice in Educational Psychology</td>
<td>30</td>
</tr>
<tr>
<td>258.722</td>
<td>The Nature, Prevention and Remediation of Literacy Learning Difficulties</td>
<td>30</td>
</tr>
<tr>
<td>267.781</td>
<td>Research Methods in Professional Practice</td>
<td>30</td>
</tr>
</tbody>
</table>

(b) And 90 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>267.880</td>
<td>Thesis</td>
<td>90</td>
</tr>
<tr>
<td>267.881</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>and</td>
<td>P Two of 267.740, 267.741, 267.782, 267.783; all of 249.744, 258.722</td>
<td></td>
</tr>
<tr>
<td>267.882</td>
<td>Thesis 90 Credit Part 2</td>
<td>45</td>
</tr>
<tr>
<td>or</td>
<td>C 267.881; R 267.880</td>
<td></td>
</tr>
</tbody>
</table>
Notes
1. Entry to the thesis options is dependent on at least a B+ average performance being attained.
2. Students will normally enrol in the thesis in 1 and 2 in consecutive semesters/years. They may not enrol into 267.881 and 267.882 concurrently.
3. Those students intending on proceeding to the Postgraduate Diploma in Educational Psychology (Internship) are required by the Psychologists Registration Board to have completed three full year or equivalent 200- or 300-level undergraduate psychology courses e.g. organisational/social psychology, abnormal/clinical psychology, neuropsychology, developmental psychology prior to enrolling in the PGDipEdPsych programme.
4. Subject to the approval of the College Pro Vice-Chancellor or nominee, a student may select approved courses up to the value of 60 credits from those courses listed in the other Masterate Schedules. This option is not available for students who have been granted an exemption for some prescribed courses as outlined in the following Concession 4 and 5.

The Degree of Master of Emergency Management

MEmergMgt

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission
1. Admission to the Degree of Master of Emergency Management requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for:
      (i) an undergraduate degree with a minimum grade average of B across 200-300-level major courses and have completed at least two years of relevant industry or professional experience, or equivalent; or
      (ii) the Postgraduate Diploma in Emergency Management having achieved at least a B grade average, or equivalent.

Qualification Requirements
2. Candidates for the Master of Emergency Management shall follow a parts-based programme of study, which shall consist of courses totalling at least 180 credits comprising:
   (a) completion of Part One and Part Two as detailed in the Schedule for the Qualification;
   (b) any compulsory courses;
   (c) attending field trips, studios, workshops, tutorials and laboratories as required.

3. Notwithstanding Regulation 2, the programme of study for candidates admitted under Regulation 1(c) will be 120 credits including:
   (a) Part Two as detailed in the Schedule for the Qualification;
   (b) courses from Part One of the Schedule to the Qualification;
   (c) attending field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
4. The Master of Emergency Management is awarded without a subject.

Student Progression
5. For progression to Part Two in the Master of Emergency Management (Coursework Pathway) candidates must have achieved a B grade average across the first 60 credits of courses completed in Part One.
6. For progression to Part Two in the Master of Emergency Management (Research Pathway) candidates must have achieved a B+ grade average across the first 60 credits of courses completed in Part One.

Concessions
4. Candidates who have completed the Massey University degree of Postgraduate Diploma in Education (Educational Psychology) or equivalent and who are eligible for admission to the Master of Educational Psychology degree shall follow an official programme of study for not less than one year, consisting of at least 120 credits. For such a candidate the Qualification Regulations for the Master of Educational Psychology shall be deemed to apply from the date of enrolment for the postgraduate diploma. Such candidates who surrender the scroll awarded on completion of the qualifying programme of study will be eligible for the award of honours in cases of sufficient merit.
5. Candidates who have been awarded a Resource Teacher: Learning and Behaviour (RTLb), Resource Teacher: Literacy (RTLit) postgraduate diploma or an approved equivalent qualification from another institution and who are eligible for entry to the Master of Educational Psychology degree shall follow an approved programme of study of at least 120 credits, which together with the qualifying programme of study shall form a coherent programme of 240 credits, provided that a specified minimum standard of performance has been met (i.e. ‘B’ average). Candidates will not be eligible for Honours but the degree may be awarded with distinction in cases of sufficient merit.

Completion Requirements
8. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Emergency Management or the Postgraduate Certificate in Emergency Management should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
10. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Master of Emergency Management

Part One – Coursework Pathway (120 credits)

Part One – Research Pathway (90 credits)

Compulsory courses (60 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>130.705</td>
<td>Emergency Management</td>
<td>30</td>
</tr>
<tr>
<td>230.703</td>
<td>Techniques and Methods in Evaluation Research</td>
<td>30</td>
</tr>
</tbody>
</table>

Elective courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>130.701</td>
<td>Natural Hazards</td>
<td>30</td>
</tr>
<tr>
<td>130.702</td>
<td>Coping with Disasters</td>
<td>30</td>
</tr>
<tr>
<td>130.706</td>
<td>Emergency Management in Practice</td>
<td>30</td>
</tr>
<tr>
<td>130.707</td>
<td>Professional Inquiry in Emergency Management</td>
<td>30</td>
</tr>
<tr>
<td>132.751</td>
<td>Natural Hazards and Resilient Communities</td>
<td>30</td>
</tr>
</tbody>
</table>

Part Two

Coursework Pathway (60 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>130.800</td>
<td>Advanced Leadership in Emergency Management 1</td>
<td>30</td>
</tr>
<tr>
<td>130.802</td>
<td>Advanced Leadership in Emergency Management 2</td>
<td>30</td>
</tr>
</tbody>
</table>

Research Pathway (90 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>130.883</td>
<td>Thesis</td>
<td>90</td>
</tr>
<tr>
<td>130.881</td>
<td>Thesis 90 Credit Part I</td>
<td>45</td>
</tr>
<tr>
<td>130.882</td>
<td>Thesis 90 Credit Part II</td>
<td>45</td>
</tr>
</tbody>
</table>
The Degree of Master of Engineering

ME

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Degree of Master of Engineering requires that the candidate will:
(a) meet the University admission requirements as specified; and have:
(b) been awarded or qualified with the Bachelor of Engineering with Honours or equivalent with a minimum B grade average over the highest level majoring courses; or
(c) been awarded or qualified for the Postgraduate Diploma in Engineering or equivalent with a minimum B grade average; or
(d) been awarded or qualified with the Bachelor of Engineering with Honours or equivalent and have significant professional experience; or
(e) been awarded or qualified for the Postgraduate Diploma in Engineering or equivalent and have significant professional experience.

Qualification Requirements
2. Candidates for the Master of Engineering shall follow a fixed programme of study, which shall consist of courses totalling at least 120 credits, comprising:

(a) completion of a thesis as defined by the Schedule to the Qualification; and including:
(b) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
3. The Master of Engineering will be awarded with a subject.
4. The subject will follow the name of a major in the Bachelor of Engineering with Honours degree.

Student Progression
5. In cases of sufficient merit, the Master of Engineering may be awarded with distinction or merit.

Completion Requirements
6. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
7. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress
8. The general Unsatisfactory Academic Progress regulations will apply.

Schedule to the Degree of Master of Engineering

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>228.897</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>228.898</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
<td>C 228.897</td>
</tr>
<tr>
<td>228.899</td>
<td>Thesis</td>
<td>120</td>
<td></td>
</tr>
</tbody>
</table>

The Degree of Master of Engineering Studies

MEngSt

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Master of Engineering Studies requires that the candidate will:
(a) meet the University admission requirements as specified; and have:
(b) four-year Bachelor’s degree with Honours or equivalent; or
(c) three-year Bachelor’s degree plus an Honours Degree, or equivalent; or
(d) Postgraduate Diploma or equivalent.

Qualification Requirements
2. Candidates for the Master of Engineering Studies shall follow a parts-based programme of study, which shall consist of courses totalling at least 120 credits, comprising:

(a) Part One consisting of 75 credits at 700 level from courses listed in the Schedule to the Degree;
(b) Part Two consisting of 45 credits at 800 level as specified in the Schedule to the Degree; and including:
(c) any compulsory courses listed in the Schedule for the Degree;
(d) attending field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
3. Candidates may complete a subject by passing at least 45 credits in a subject as specified in the Master of Engineering Studies schedule.
4. The subjects available for the Master of Engineering Studies are:
   - Electronics and Computer Engineering; Energy Management*;
   - Engineering and Innovation Management*; Life Cycle Management;
   - Mechatronics; Packaging Technology; Renewable Energy Systems.
   * No new enrolments

Student Progression
5. The candidate must complete within one year of first enrolling in full-time study or within three years of first enrolling in part-time study to be eligible for Distinction or Merit.
6. For progression to Part Two, candidates must have maintained a grade average of at least a B- over the first 60 credits of courses completed in Part One, including at least a B grade in 228.797.

Completion Requirements
7. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
8. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Science and Technology or the Postgraduate Diploma in Engineering should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
9. The general Unsatisfactory Academic Progress regulations will apply.
Schedule for the Master of Engineering Studies

Part One
Compulsory Research Methods course (15 credits):
228.797 Research Methods in Engineering 15  R 228.340

Master of Engineering Studies Subjects
Electronics and Computer Engineering
At least 45 credits from:
281.755 Digital Signal Processing 15  P 281.272; R 124.344, 143.333, 281.333
281.756 Image and Video Processing 15  P 281.272; R 281.473
281.776 Advanced Communication Engineering 15  P 281.273, 281.374; R 143.448, 143.466, 281.466
281.785 Advanced Computer Engineering 15  P 281.384; R 143.474, 281.474
281.786 Advanced Micro- and Nano-electronics 15  P 281.281; R 124.345, 143.457, 281.467

Energy Management
At least 45 credits from:
228.740 Energy Policy 15  R 142.740
228.741 Energy Systems 15  P 228.743 or 228.769 or 280.271; R 142.741
228.742 Energy Economics 15  R 142.742
228.743 Energy Management 15  P 228.741 or 228.769 or 280.271; R 142.743
228.748 Climate Change Science and Policy 15  R 142.748
228.756 Energy Efficiency (Systems Analysis and Auditing) 15  R 142.756
228.757 Energy Efficiency (Industrial and Commercial Technology) 15  P 142.756 or 228.756; R 142.757
228.766 Integrated Energy Resource Planning 15  P 142.740 or 142.741 or 228.740 or 228.741; R 142.786
228.767 Greenhouse Gas Mitigation Analysis 15  P 142.748 or 228.748; R 142.767
228.769 Energy-Efficient Building Design 15  P 228.741 or 228.743; R 142.769

Engineering and Innovation Management
No new enrolments from 2018 pending qualification review.
At least 45 credits from:
287.706 New Product Development Practices 15  P 228.311 or 228.312
287.740 Innovation Management 15  P 228.311 or 228.312; R 287.703
287.741 Quality System Development and Management 15  P 228.371; R 287.703
287.742 Business Process Improvement 15  P 287.371; R 287.703
287.743 Lean Operations 15  P 228.311 or 228.312; R 143.331, 143.343, 287.343
287.744 Advanced Manufacturing Strategies 15  P 228.311 or 228.312; R 287.463

Life Cycle Management
At least 45 credits from:
238.700 Life Cycle Assessment (LCA) and Footprinting Principles 15  P 160.1xx or 181.1xx

238.710 Life Cycle Assessment and Footprinting Methods 15  P 238.700 or 238.300
238.711 Life Cycle Assessment and Footprinting Case Studies 15  P 238.700
238.712 Advanced Life Cycle Assessment and Footprinting Theory 15  P 238.700

Mechatronics
At least 45 credits from:
282.758 Simulation, Modelling and Optimisation 15  R 143.456, 282.458
282.772 Industrial Systems Design and Integration 15  P 159.270, 282.371, 282.372; R 281.472, 282.472
282.778 Mechatronics 15  P 281.353, 282.371; R 143.478, 282.478

Packaging Technology
At least 45 credits from:
228.733 Packaging Technology II 15  R 183.746
228.734 Packaging Design Technology 15  R 183.748
228.735 Packaging Technology III 15  R 183.749
228.736 Fast-Moving Consumer Goods Packaging 15  R 183.760
228.737 Packaging Materials I 15  R 183.719
228.738 Packaging Materials II 15  R 183.719

Renewable Energy Systems
At least 45 credits from:
228.740 Energy Policy 15  R 142.740
228.741 Energy Systems 15  P 228.743 or 228.769 or 280.271; R 142.741
228.742 Energy Economics 15  R 142.742
228.743 Energy Management 15  P 228.741 or 228.769 or 280.271; R 142.743
228.744 Case Studies of Renewable Energy Systems 15  P 142.742 or 228.741; R 142.743
228.745 Renewable Energy Conversion Devices 15  P 142.741 or 228.741; R 142.745
228.746 Renewable Energy Resources 15  R 142.746
228.747 Renewable Energy Systems Design 15  P 142.741 or 228.741; R 142.747
228.748 Climate Change Science and Policy 15  R 142.748
228.750 Renewable Energy and Sustainable Development 15  P 228.312; R 142.750
228.767 Greenhouse Gas Mitigation Analysis 15  P 142.748 or 228.748; R 142.767

Part Two
Compulsory course (45 credits):
228.893 Research Report 45  P 228.797 (minimum B grade)

The Degree of Master of Environmental Management
MEnvMgmt

Qualification Regulations
Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Degree of Master of Environmental Management requires that the candidate will:
   (a) meet the University admission requirements as specified; and shall have been awarded or qualified for a
(b) BSc (Environmental Science) or an equivalent qualification, having achieved a B grade average or higher, over the qualifying 300-level courses; or
(c) Postgraduate Diploma in Environmental Management with a grade average of B or higher (Applied pathway) or B+ average or higher (Research pathway), or equivalent; or
(d) Bachelor of Environmental Management (Honours), or an equivalent qualification.

Qualification Requirements

2. Candidates for the Degree of Master of Environmental Management shall follow a parts-based programme of study, which shall consist of courses totalling at least 180 credits, comprising:
   (a) completion of Part One and Part Two as defined by the Schedule of the Degree;
   (b) courses selected from the Schedule to the Degree.
   And including:
   (c) any compulsory courses listed in the Schedule to the Degree;
   (d) at least 30 credits from each of two Options listed in the Schedule to the Degree
   (e) attending field trips, studios, workshops, tutorials, and laboratories as required.

3. Notwithstanding Regulation 2, the programme of study for a candidate admitted under Regulation 1(c) or 1(d) will be courses totalling at least 120 credits, comprising:
   (a) completion of Part Two as defined by the Schedule of the Degree;
   (b) courses selected from the Schedule to the Degree.
   And including:
   (c) any Compulsory Courses listed in the Schedule to the Degree;
   (d) attending field trips, studios, workshops, tutorials, and laboratories as required.

4. Notwithstanding Regulation 3, and at the discretion of Academic Board, a candidate admitted to the Master of Environmental Management Research pathway under Regulation 1(c) may be permitted to complete a programme comprising the 120 credit thesis course 188.899 or 188.897 and 188.898.

5. Notwithstanding Regulations 2, 3 and 4, and at the discretion of Academic Board, Candidates may be required to complete one or more bridging courses, 188.707 and/or 188.708, should their entry qualification be deficient in environmental economics or applied science.

Specialisations

6. The Degree of Master of Environmental Management is awarded without specialisations.

Student Progression

7. For progression from Part One to Part Two (Thesis Pathway), candidates must have achieved a Grade Average of B+ over the first 90 credits undertaken for Part One.

8. For Progression from Part One to Part Two (Applied Pathway), candidates must have achieved a Grade Average of B over the first 120 credits undertaken for Part One.

9. In cases of sufficient merit, the Degree of Master of Environmental Management may be awarded with Distinction or Merit.

Completion Requirements

10. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

11. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Environmental Management should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

12. The general Unsatisfactory Academic Progress regulations will apply.
The Degree of Master of Finance
MFin

Qualification Regulations
Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Master of Finance requires that the candidate will:
   (a) meet the University admission requirements as specified;
   (b) have been awarded or qualified for a relevant Bachelor’s degree or equivalent qualification, having achieved a grade average of at least a B- in the highest level courses.

Qualification Requirements
2. Candidates for the Master of Finance shall follow a parts-based programme of study, which shall consist of courses totalling at least 180 credits comprising:
   (a) completion of Part One and Part Two as defined by the Schedule to the Degree;
   (b) courses selected from the Schedule to the Degree, and including:
   (c) any compulsory courses listed in the Schedule to the Degree.
3. Notwithstanding Regulation 2, the programme of study for a candidate who has been awarded the Degree of Bachelor of Business Studies with Honours, or the equivalent degree of another recognised university, shall consist of courses totalling at least 120 credits from the Master of Finance qualification schedule including Part Two as defined by the Schedule to the Degree.

Specialisations
4. The Degree of Master of Finance is awarded without specialisation.

Student Progression
5. For progression from Part One to Part Two, candidates must have achieved a Grade Average of B- over 60 credits of the Part One courses, including the compulsory courses.
6. In cases of sufficient merit, the Degree of Master of Finance may be awarded with Distinction or Merit.

Completion Requirements
7. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
8. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes. Candidates who do not meet the requirements for progression from Part One to Part Two, or who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded

the Postgraduate Diploma in Business or the Postgraduate Certificate in Business should they meet the relevant qualification requirements.

 Unsatisfactory Academic Progress
9. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions
10. All candidates commencing study towards the Master of Finance on or after 1 January 2014 must satisfy the requirements specified in these regulations.
11. Candidates who commenced study towards the Master of Finance prior to 1 January 2014 may choose to transfer to these regulations, but must satisfy all requirements as specified.
12. In all cases candidates must complete the qualification within the timeframes for completion as specified in the Completion Requirements.

Schedule for the Degree of Master of Finance
Part One
Compulsory course (30 credits):
125.785 Research Methods in Economics and Finance 30

Elective courses:
125.732 Advanced Corporate Finance 30 P 125.700 or 125.330 or Permission Head of School
125.740 Advanced Investment Analysis 30 P 125.700 or 125.330 or Permission Head of School
125.781 Advanced Financial Risk Management 30 P 125.700 or 125.330 or Permission Head of School

Part Two
At least 60 credits from:
125.850 Research Report Part 1 30
125.851 Research Report Part 2 30
125.892 Research Report 60
125.897 Thesis 120 Credit Part 1 60 C 125.897
125.898 Thesis 120 Credit Part 2 60 C 125.897
125.899 Thesis 120
The Degree of Master of Fine Arts

MFA

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Degree of Master of Fine Arts requires that the candidate will:

(a) have been awarded or qualified for the Bachelor of Fine Arts (Honours) or Bachelor of Design (Honours) or equivalent with a grade average of at least B; or
(b) have been awarded or qualified for the Postgraduate Diploma in Fine Arts or the Postgraduate Diploma in Design or equivalent with a grade average of at least B; or
(c) have been awarded an undergraduate degree in design, fine arts, visual arts or equivalent with a grade average of at least B and provide evidence of professional experience of an appropriate kind and duration in an area relevant to the qualification; or
(d) have been granted admission under the Admission with Equivalent Status regulations and demonstrate practical, professional, and scholarly experience at an appropriate level; and
(e) be selected into the programme through an interview and the assessment of a portfolio of art or design work prepared by the applicant.

Qualification Requirements

2. Candidates for the Master of Fine Arts shall follow a parts-based programme of study, which shall consist of courses totalling at least 240 approved credits, and include completion of Part One and Part Two.

The requirements for Part One and Part Two are prescribed in the Schedule to the Degree.

Specialisations

3. The Master of Fine Arts may be awarded with a subject in either Fine Arts or Design. The subject will be specified following the successful completion of Part One.

4. The Master of Fine Arts may be awarded without a subject.

Student Progression

5. Progression to Part Two will be conditional upon achievement of a B Grade Average over Part One. In special circumstances this may be varied with the approval of the Academic Board.

Completion Requirements

6. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

7. Candidates may be graduated when they meet the Qualification requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded an appropriate exit qualification, should they meet its qualification requirements.

Unsatisfactory Academic Progress

8. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions

9. These regulations apply from 1 January 2016. The programme of study for candidates who were admitted into the MFA from 2013 to 2015 will be in accordance with the 2015 regulations as per the 2015 University Calendar. This provision expires at the end of 2018 at which time all students will be required to transfer to the regulations in place at the time.

Schedule for the Master of Fine Arts

Part One

197.821 Postgraduate Studio and Seminar 60 R 197.805, Postgraduate Studio, 197.806 Postgraduate Seminar
197.822 Thesis Project Preparation 60 P 197.821; R 197.806, 197.807

Part Two

197.810 Thesis 120 P (197.805, 197.806, 197.807) or 197.822

OR

197.811 Thesis 120 Credit Part 1 60 P (197.805, 197.806, 197.807) or 197.822

AND

197.812 Thesis 120 Credit Part 2 60 P (197.805, 197.806, 197.807) or 197.822; C 197.811

The Degree of Master of Food Safety and Quality

MFoodSafQual

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Degree of Master of Food Safety and Quality requires that the candidate will:

(a) meet the University admission requirements as specified; and
(b) have been awarded or qualified for a Bachelors with Honours degree in food engineering, food science or food technology, or equivalent; or
(c) have been awarded a Bachelor’s degree in engineering, science, technology, or equivalent and completed at least 36 months relevant professional experience in the food or biological products industry.

Qualification Requirements

2. Candidates for the Degree of Master of Food Safety and Quality shall follow a parts-based programme of study, which shall consist of courses totalling at least 180 credits, comprising:

(a) completion of Part One and Part Two as defined by the Schedule of the Degree;
(b) courses selected from the Schedule of the Degree; and including:
(c) any compulsory courses listed in Part One of the Schedule for the Qualification;
(d) attending field trips, studios, workshops, tutorials and laboratories as required.

Specialisations

3. The Degree of Master of Food Safety and Quality is awarded without specialisation.

Student Progression

4. For progression to Part Two of the Degree of Master of Food Safety and Quality, candidates must have maintained a minimum of a B Grade Average over the Part One courses.
5. In cases of sufficient merit, the Degree of Master of Food Safety and Quality may be awarded with Distinction or Merit.

Completion Requirements
6. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
7. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress
8. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Master of Food Safety and Quality
Part One (120 credits)
Compulsory courses (105 credits):
- 141.708 Food Packaging, Preservation and Storage 15 P 280.201, 141.311
- 141.709 Emerging Technologies for the Food Industry 15 P 123.201, 123.271, 280.201
- 141.724 Food Quality, Safety and Innovation 15 P 280.201
- 287.730 Quality Management 30 R 143.719, 287.733
- 287.731 Statistical Methods for Quality 30 R 143.709

Compulsory course selection (15 credits from):
- 228.797 Research Methods in Engineering 15 R 228.340
- 119.729 Research Methods 15

Part Two (60 credits)
Compulsory course:
- 141.803 Research Report: Food 60

The Degree of Master of Food Technology
MFoodTech

Qualification Regulations
Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Degree of Master of Food Technology requires that the candidate will:
   (a) meet the University admission requirements as specified;
   (b) have been awarded or qualified for a Bachelor’s degree in food engineering, food science or food technology having achieved a B grade average over the 200- and 300-level courses, or equivalent; or
   (c) have been awarded or qualified for the Bachelor of Food Technology with Honours having achieved at least Second Class Honours, or equivalent.

Qualification Requirements
2. Candidates for the Degree of Master of Food Technology shall follow a parts-based programme of study, which shall consist of courses totalling at least 180 credits, comprising:
   (a) completion of Part One as defined by the Schedule of the Degree;
   (b) completion of Part Two;
   (c) courses selected from the Schedule to the Degree;
   (d) any compulsory courses listed in Part One of the Schedule for the Qualification;
   (e) attending field trips, studios, workshops, tutorials, and laboratories as required.

3. Notwithstanding Regulation 2, the programme of study for candidates admitted under Regulation 1(c) will consist of courses totalling 120 credits, comprising:
   (a) Part Two as detailed in the Schedule for the Qualification;
   (b) attending field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
4. The Degree of Master of Food Technology is awarded without specialisation.

Student Progression
5. For progression to Part Two of the Degree of Master of Food Technology, candidates must have maintained a B Grade Average over the Part One courses.

6. In cases of sufficient merit, the Degree of Master of Food Technology may be awarded with Distinction or Merit.

Completion Requirements
7. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
8. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Science and Technology should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
9. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Master of Food Technology
Part One (60 credits)
Compulsory course:
- 228.797 Research Methods in Engineering 15 R 228.340

Food Technology Courses
45 credits from:
- 141.708 Food Packaging, Preservation and Storage 15 P 280.201, 141.311
- 141.712 Strategic Food Product Development 15 P 141.211, 141.312, 141.395, 280.201; C 228.797; R 141.772
- 141.713 Food Process Engineering Research 15 P 123.201, 123.271, 280.271, 280.272; C 228.797
- 141.715 Food Ingredient Functionality 15 P 123.201, 123.271, 141.312, 141.395; C 228.797

Part Two
120 credits from:
- 141.805 Thesis 120
- 141.807 Thesis 120 Credit Part 1 60
- 141.806 Thesis 120 Credit Part 2 60 C 141.806
Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Degree of Master of Health Science requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for the Degree of Bachelor of Health Science or equivalent with a major in the intended postgraduate subject with a minimum B grade average across the 300-level majoring courses; or
   (c) have been awarded or qualified for the Postgraduate Diploma of Health Science with an endorsement in the intended postgraduate subject or equivalent with a minimum B grade average; or
   (d) have been awarded or qualified for the Degree of Bachelor of Health Science with Honours with a subject in the intended postgraduate subject or equivalent with a minimum B grade average.

Qualification Requirements
2. Candidates for the Degree of Master of Health Science shall follow a parts-based programme of study, which shall consist of 700- and 800-level courses totalling at least 240 credits, comprising:
   (a) Part One and Part Two as specified for the Qualification;
   (b) completion of a subject;
   and including
   (c) any compulsory courses listed in the Schedule for the Qualification; and
   (d) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.
3. Notwithstanding Regulation 2, the programme of study for candidates admitted under Regulation 1(c) and 1(d) will of consist of 120 credits from courses listed in the Schedule for a subject, comprising:
   (a) Part Two as specified in the Schedule for the Qualification; and including:
   (b) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
4. Candidates for the Degree of Master of Health Science must complete the requirements for one subject.
5. The requirements for each subject are set out in the Schedule for the Degree.
6. Subjects available are: Environmental Health, Māori Health, Psychology, Rehabilitation and Sport and Exercise.

Student Progression
7. For progression from Part One to Part Two, candidates must have achieved a minimum B grade average over the Part One courses
8. In cases of sufficient merit, the Degree of Master of Health Science will be awarded with a class of Honours, distinction or merit.

Completion Requirements
9. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
10. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress
11. The general Unsatisfactory Academic Progress regulations will apply.

The Degree of Master of Health Science

MHlthSc

Transition Provisions
12. All candidates commencing study towards the Degree of Master of Health Science on or after 1 January 2017 must satisfy the requirements specified in these regulations
13. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, all candidates who commenced study towards the Master of Health Science prior to 1 January 2017 may be exempted from the progression criteria specified in Regulation 7 but will only be permitted to enrol in Part Two if they have achieved a satisfactory standard across all courses taken in Part One.

Schedule for the Degree of Master of Health Science

Environmental Health

Part One
Compulsory courses (60 credits):
- 168.711 Health Research Design and Method 30
- 214.798 Research Report 30

Subject courses:
- 214.772 Advanced Topics in Food Quality 30
- 214.773 Advanced Topics in Water Quality 30
- 214.774 Advanced Topics in Sound and its Reception 30
- 214.775 Advanced Topics in Environmental Health 30
- 214.777 Advanced Topics in Air Quality 30
- 214.781 Advanced Topics in Health Science 30
- 214.798 Research Report 30
- 231.704 Māori Health 30
- 231.707 Environmental Health 30
- 252.702 Sleep, Fatigue Risk Management and Occupational Safety and Health 30

Part Two
120 credits from:
- 214.897 Thesis 120-Credit Part 1 60
- 214.898 Thesis 120-Credit Part 2 60
- 214.899 Thesis 120

Māori Health

Part One
Compulsory course (30 credits):
- 150.799 Research Report (30) 30

30 credits from:
- 150.714 Tā Te Māori Rangahau Kōrero: Māori Research Methodologies 30
- 168.711 Health Research Design and Method 30
- 168.810 and 168.710

Subject courses:
- 150.701 Tiro Rangatiratanga: Strategic Māori Development 30
- 150.702 Mauri Ora: Māori Mental Health 30
- 231.704 Māori Health 30

Part Two
120 credits from:
- 150.816 Thesis 120-Credit Part 1 60
## Psychology

**Part One**

**Compulsory courses (45 credits):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.738</td>
<td>Psychological Research: Principles of Design</td>
<td>15</td>
</tr>
<tr>
<td>175.799</td>
<td>Research Report (30)</td>
<td>30</td>
</tr>
</tbody>
</table>

**Subject courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.718</td>
<td>Postmodernism and Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.719</td>
<td>Applied Criminal Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.720</td>
<td>Advanced Psychology of Women</td>
<td>15</td>
</tr>
<tr>
<td>175.721</td>
<td>Child and Family Therapy</td>
<td>15</td>
</tr>
<tr>
<td>175.722</td>
<td>Principles of Clinical Neuropsychology</td>
<td>15</td>
</tr>
<tr>
<td>175.725</td>
<td>Advanced Social Psychology</td>
<td>30</td>
</tr>
<tr>
<td>175.730</td>
<td>Professional Practice in Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.732</td>
<td>Psychological Well-being in Organisations</td>
<td>15</td>
</tr>
<tr>
<td>175.733</td>
<td>Sustainable Livelihood</td>
<td>15</td>
</tr>
<tr>
<td>175.734</td>
<td>Child Clinical Neuropsychology</td>
<td>15</td>
</tr>
<tr>
<td>175.737</td>
<td>Occupational Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.739</td>
<td>Health Psychology: Understanding Health and Illness</td>
<td>15</td>
</tr>
<tr>
<td>175.740</td>
<td>Occupational Health Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.741</td>
<td>Psychological Assessment in Organisations</td>
<td>15</td>
</tr>
<tr>
<td>175.743</td>
<td>Health Psychology: The Social Context</td>
<td>15</td>
</tr>
<tr>
<td>175.744</td>
<td>Health Psychology: Promoting Health</td>
<td>15</td>
</tr>
<tr>
<td>175.746</td>
<td>Psychological Research: Multivariate Data Analysis</td>
<td>15</td>
</tr>
<tr>
<td>175.747</td>
<td>The Psychology of Sport and Exercise</td>
<td>15</td>
</tr>
<tr>
<td>175.748</td>
<td>The Psychology of Organisational Change</td>
<td>15</td>
</tr>
<tr>
<td>175.761</td>
<td>Theory and Practice of Cognitive Behaviour Therapy</td>
<td>15</td>
</tr>
<tr>
<td>175.781</td>
<td>Clinical Psychopathology</td>
<td>15</td>
</tr>
<tr>
<td>175.782</td>
<td>Clinical Psychology Assessment</td>
<td>15</td>
</tr>
<tr>
<td>175.783</td>
<td>Clinical Psychology Interventions</td>
<td>15</td>
</tr>
</tbody>
</table>

**Part Two**

120 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.894</td>
<td>Thesis 120-Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>175.896</td>
<td>Thesis 120-Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>175.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
</tbody>
</table>

## Rehabilitation

**Part One**

**Compulsory courses (90 credits):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>147.701</td>
<td>Rehabilitation Theory and Practice</td>
<td>30</td>
</tr>
</tbody>
</table>

180 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>147.701</td>
<td>Thesis 120-Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>147.702</td>
<td>Thesis 120-Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>147.703</td>
<td>Thesis</td>
<td>120</td>
</tr>
</tbody>
</table>

## The Degree of Master of Information Sciences

**MInfSc**

### Qualification Regulations

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

### Part II

**Admission**

1. Admission to the Degree of Master of Information Sciences requires that the candidate will:
(a) meet the University admission requirements as specified; and will either
(b) have been awarded or qualified for the Bachelor of Information Sciences or an equivalent qualification, having achieved a B grade average or higher over the qualifying 300-level majoring courses; or
(c) have been awarded or qualified for the Bachelor of Information Sciences with Honours or the Postgraduate Diploma in Information Sciences, or the equivalent qualifications, having achieved a B grade average or higher over the qualifying 700-level courses.

Qualification Requirements

2. Candidates for the Degree of Master of Information Sciences shall follow a parts-based programme of study, which shall consist of courses totalling at least 180 credits, comprising:
(a) 120 credits at 700 level and at least 60 credits at 800 level; and including:
(b) completion of Part One as per the Schedule for the Qualification;
(c) completion of a Professional Project totalling 60 credits from Part Two of the Schedule to the Qualification;
(d) any compulsory courses listed in the Schedule for the Qualification;
(e) attending workshops, block courses, tutorials or laboratories as required.

3. Notwithstanding Regulation 2, the programme of study for a candidate admitted under regulation 1(c) shall consist of thesis courses totalling at least 120 credits from Part Two of the Schedule for the Qualification.

Specialisations

4. The Degree of Master of Information Sciences may be awarded with or without a subject.
5. Candidates may complete a subject by passing at least 180 credits in a subject. The requirements for each subject are set out in the Schedule for the Qualification.
6. Approved Subjects are: Computer Science, Information Technology.
7. Approved Joint Subjects are: Software Engineering.

Student Progression

8. In cases of sufficient merit, the Degree of Master of Information Sciences may be awarded with Distinction or Merit.
9. For progression to Part Two, candidates must have maintained a B grade average in the Part One courses.

Completion Requirements

10. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
11. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Information Sciences should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

12. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions

13. All candidates commencing study towards the Degree of Master of Information Sciences on or after 1 January 2015 must satisfy the requirements specified in these regulations
14. All candidates who commenced study towards the Degree of Master of Information Sciences prior to 1 January 2015, and who have passed at least 60 credits towards the qualification, may complete under the regulations in the 2013 Massey University Calendar, or transfer to these regulations.
15. In all cases candidates must complete the qualification within the timeframes for completion as specified in the Completion Requirements.

Schedule for the Master of Information Sciences

### Computer Science

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>159.702</td>
<td>Knowledge Engineering</td>
<td>15</td>
</tr>
<tr>
<td>159.703</td>
<td>Advanced Computer Systems</td>
<td>15</td>
</tr>
<tr>
<td>159.704</td>
<td>Systems Programming</td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>159.707</td>
<td>Advanced Software Design and Construction</td>
<td>15</td>
</tr>
<tr>
<td>159.709</td>
<td>Computer Graphics</td>
<td>15</td>
</tr>
<tr>
<td>159.710</td>
<td>User Interface Design</td>
<td>15</td>
</tr>
<tr>
<td>159.731</td>
<td>Studies in Computer Vision</td>
<td>15</td>
</tr>
<tr>
<td>159.732</td>
<td>Studies in Computer Programming</td>
<td>15</td>
</tr>
<tr>
<td>159.735</td>
<td>Studies in Parallel and Distributed Systems</td>
<td>15</td>
</tr>
<tr>
<td>159.736</td>
<td>Studies in Operating Systems and Architecture</td>
<td>15</td>
</tr>
<tr>
<td>159.737</td>
<td>Studies in Compilers and Grammars</td>
<td>15</td>
</tr>
<tr>
<td>159.740</td>
<td>Studies in Intelligent Systems</td>
<td>15</td>
</tr>
<tr>
<td>159.794</td>
<td>Project</td>
<td>15</td>
</tr>
<tr>
<td>159.795</td>
<td>Project</td>
<td>15</td>
</tr>
<tr>
<td>159.796</td>
<td>Project</td>
<td>15</td>
</tr>
</tbody>
</table>

### Part Two courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>159.888</td>
<td>Computer Science Professional Project</td>
<td>60</td>
</tr>
<tr>
<td>159.897</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>159.898</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>159.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
</tbody>
</table>

### Information Technology

#### Part One (120 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>158.738</td>
<td>Implementation and Management of Systems Security</td>
<td>15</td>
</tr>
<tr>
<td>158.740</td>
<td>Geoinformatics</td>
<td>15</td>
</tr>
<tr>
<td>158.750</td>
<td>Information Sciences Research Methods</td>
<td>15</td>
</tr>
<tr>
<td>158.751</td>
<td>Object-Oriented Software Development – Theory and Practice</td>
<td>15</td>
</tr>
<tr>
<td>158.752</td>
<td>Agile Software Engineering</td>
<td>15</td>
</tr>
<tr>
<td>158.753</td>
<td>Rapid Application Development</td>
<td>15</td>
</tr>
<tr>
<td>158.755</td>
<td>Data Science – Making Sense of Data</td>
<td>15</td>
</tr>
<tr>
<td>158.757</td>
<td>User Interface Design and Evaluation</td>
<td>15</td>
</tr>
<tr>
<td>158.758</td>
<td>Mobile Systems Development</td>
<td>15</td>
</tr>
<tr>
<td>158.762</td>
<td>Software Quality and Reliability</td>
<td>15</td>
</tr>
<tr>
<td>158.780</td>
<td>Information Technology Project Part 1</td>
<td>15</td>
</tr>
<tr>
<td>158.781</td>
<td>Information Technology Project Part 2</td>
<td>15</td>
</tr>
</tbody>
</table>

#### Part Two courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>158.888</td>
<td>Information Technology Professional Project</td>
<td>60</td>
</tr>
<tr>
<td>158.897</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>158.898</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>158.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
</tbody>
</table>

### Software Engineering

#### Part One (120 credits):

Computer Science Component – at least 60 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>159.709</td>
<td>Computer Graphics</td>
<td>15</td>
</tr>
<tr>
<td>159.731</td>
<td>Studies in Computer Vision</td>
<td>15</td>
</tr>
<tr>
<td>159.732</td>
<td>Studies in Computer Programming</td>
<td>15</td>
</tr>
<tr>
<td>159.735</td>
<td>Studies in Parallel and Distributed Systems</td>
<td>15</td>
</tr>
<tr>
<td>159.736</td>
<td>Studies in Operating Systems and Architecture</td>
<td>15</td>
</tr>
<tr>
<td>159.737</td>
<td>Studies in Compilers and Grammars</td>
<td>15</td>
</tr>
<tr>
<td>159.794</td>
<td>Project</td>
<td>15</td>
</tr>
<tr>
<td>159.795</td>
<td>Project</td>
<td>15</td>
</tr>
</tbody>
</table>
The Degree of Master of International Development

MIntDev

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Master of International Development requires that the candidate will:
   (a) meet the University admission requirements as specified; and shall have:
   (b) been awarded or qualified for a Bachelor of Arts with a major in Development Studies, with a B grade average or above across the 200 and 300 level specialisation courses; or
   (c) have been awarded or qualified for any Bachelor’s degree, with a B grade average or above across the relevant 200 and 300 level courses, and have relevant field or industry experience of an appropriate kind and duration; or
   (d) been awarded or qualified for a Postgraduate Diploma in International Development, or equivalent, with a B grade average or above.

Qualification Requirements

2. Candidates for the Master of International Development shall follow a parts-based programme of study, which shall consist of courses totalling at least 180 credits comprising:
   (a) completion of Part One and Part Two as detailed in the Schedule for the Qualification; and including
   (b) any compulsory courses.

3. Notwithstanding Regulation 2, the programme of study for candidates admitted under Regulation 1(d) will be 120 credits including:
   (a) Part Two as detailed in the schedule for the qualification;
   (b) courses from Part One of the schedule to the qualification.

Specialisations

4. The Master of International Development is awarded without a specialisation.

Student Progression

5. For progression to Part Two in the Master of International Development (Coursework pathway) candidates must have achieved a B grade average across the first 120 credits of courses completed in Part One.

6. For progression to Part Two in the Master of International Development (Research Pathway), candidates must have achieved a B+ grade average across the first 120 credits of courses completed in Part One.

7. In cases of sufficient merit, the Degree of Master of International Development may be awarded with Distinction or Merit.

Completion Requirements

8. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

9. Candidates may be graduated when they meet the Qualification and Academic requirements within the prescribed timeframes. Candidates who do not meet the requirements for progression from Part One to Part Two, or who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in International Development or the Postgraduate Diploma in International Development should they meet the relevant qualification requirements.

Unsatisfactory Academic Progress

10. The general Unsatisfactory Academic Progress regulations will apply.

Transition Regulations

11. All candidates who commenced study towards the Master of International Development on or after 1 January 2015 must satisfy the requirements as specified in these regulations.

Schedule for the Master of International Development

Part One (120 credits)

Compulsory courses (60 credits):

131.701 Development and Underdevelopment 30
131.702 Development Management 30

Subject courses (60 credits):

131.703 Gender and Development 30
131.707 Development Research Design 30
131.704 Sustainable Development 30
131.706 Globalisation and Development 30
131.708 Development Practicum 30 P 131.701 or 131.702; Permission from Head of Programme

Part Two

Coursework pathway (60 credits):

131.897 Research Report International Development (60) 60

Research pathway (120 credits):

131.899 Thesis 120
131.816 Thesis 120 Credit Part 1 60 C 131.816
131.817 Thesis 120 Credit Part 2 60 C 131.816

Approved Master of Information Sciences Electives

A maximum of 30 credits from:

149.795 The Cyber Security Environment 30
152.700 Organisation and Management 30 R 152.200, 152.300
152.702 Project Management 30
156.700 Essentials of Marketing 30 R 156.741, 115.104, 115.116
157.701 Health Information Management 30 R 157.711, 157.733, and 158.759
Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Master of International Security requires that the candidate shall meet the University admission requirements as specified, and shall have:
   (a) completed a relevant Bachelor’s degree with a grade average of at least B-, plus the equivalent of a minimum of two years of full-time relevant professional experience; or
   (b) been awarded or qualified for the Postgraduate Certificate in International Security, or an equivalent qualification, with at least a B- grade average; or
   (c) been awarded or qualified for the Postgraduate Diploma in International Security, or an equivalent qualification, with at least a B- grade average; or
   (d) demonstrated scholarly work in conjunction with extensive relevant professional experience and standing in leadership, managerial and planning positions in government or non-government security agencies appropriate for Admission with Equivalent Status.

Qualification Requirements
2. Candidates for the Master of International Security shall follow a parts-based programme totalling at least 180 credits comprising completion of Part One and Part Two as detailed in the Schedule for the Qualification.
3. Notwithstanding Regulation 2, the programme of study for candidates admitted under Regulation 1(c) or (d) will consist of at least 120 credits from courses listed in the Schedule, including:
   (a) Part Two as detailed in the Schedule for the Qualification; and
   (b) 60 credits from courses listed in Part One of the Schedule for the Qualification.

Specialisations
4. Candidates for the Degree of Master of International Security may complete the requirements for the subject of Intelligence by completing at least 60 credits from 149.740, 149.741 or 149.744.

Student Progression
5. For progression to Part Two in the Master of International Security candidates must have demonstrated achieved a grade average of B- in the first 60 credits of courses completed in Part One.
6. Candidates who do not meet the criteria for progression to Part Two may transfer to the Postgraduate Diploma in International Security.
7. In cases of sufficient merit, the Degree of Master of International Security may be awarded with Distinction or Merit.

Completion Requirements
8. The timeframes for completion are as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.
9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes. Candidates who do not meet the requirements for progression from Part One to Part Two, or who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in International Security or the Postgraduate Diploma in International Security should they meet the relevant Qualification requirements.

Schedule for the Degree of Master of International Security
Part One (120 credits)
Compulsory course (30 credits):
149.720 International Security 30
Subject courses:
149.701 The New Zealand Strategic Environment 30
149.704 Leadership, Management and Command 30
149.707 The Middle East Security Environment 30
149.709 Terrorism, Insurgency and Transnational Crime 30
149.715 The Asia-Pacific Strategic Environment 30
149.716 Security of China as a Great Power 30
149.725 International Security and Peacekeeping 30
149.732 Public International Law for Defence and Security 30
149.740 Security and Crime 30
149.741 Intelligence in the International Security Environment 30
149.744 Intelligence Operations 30
149.745 Crime Science 30
149.760 Defence and Security Technology 30
149.770 Border Management in the Contemporary Security Environment 30
149.790 Research Methods in Defence and Security Studies 30
149.795 The Cyber Security Environment 30
Elective course (no more than 30 credits):
130.702 Coping with Disasters 30
130.705 Emergency Management 30
134.703 Ethics of War and Peace 30
200.761 International Relations: Theory and Practice 30
230.702 Professional Evaluation Practice 30
240.757 Logistics in Humanitarian Aid Projects 15

Part Two (60 credits)
149.820 Applied Security Research Project 60
149.821 Applied Security Planning and Practice 60

The Degree of Master of International Security
MIntlSy

The Degree of Master of Journalism
MJ

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Master of Journalism (180 credits) requires that candidates shall have:
(a) been awarded or qualified for a Bachelor’s degree or equivalent, with at least a B grade average in the 300-level majoring courses or equivalent, and
(b) been selected into the programme on the basis of a written application and, at the University’s discretion, an interview.

2. Admission directly to Part Two of the Master of Journalism requires that candidates shall:
   (a) have been awarded or qualified for a Massey University Postgraduate Diploma in Journalism, with a grade average across all 700-level courses of at least B;
   OR
   (b) have been awarded or qualified for a Massey University Postgraduate Diploma in Communication or a Massey University Postgraduate Diploma in Business with equivalent communication content or Postgraduate Diploma in Business and Administration with equivalent communication content, with a grade average across all 700-level courses of at least B; and
   (c) have completed at least three years of professional experience as a journalist.

3. Where a Postgraduate Diploma that qualifies a candidate, in full or part, for admission to Part Two under Regulation 2 has been awarded, it must be surrendered in accordance with the Recognition of Formal and Informal Prior Learning regulations to enable the credits to be transferred to the Master of Journalism.

4. In all cases candidates must meet the University admission requirements as specified.

5. Candidates whose first language is not English, and who have not gained a New Zealand university entrance qualification, or an overseas entrance qualification in a country where the main language is English, will be required to provide satisfactory evidence of their proficiency in English in the form of an academic IELTS with a minimum score of 7 with no bands less than 6.5 within the preceding five years, or an equivalent TOEFL score, or other such evidence that is acceptable to Academic Board.

Qualification Requirements

6. Candidates for the Master of Journalism shall follow a parts-based programme of study, which shall consist of courses totalling at least 180 credits comprising Part One and Part Two as defined in the Schedule to the Degree.

7. Notwithstanding Regulation 6, candidates admitted under Regulations 2 and 3 may transfer up to 120 credits from the qualifying qualification to satisfy Part One requirements.

Specialisations

8. There are no specialisations for this qualification.

Student Progression

9. In cases of sufficient merit, the Degree of Master of Journalism may be awarded with Distinction or Merit.

10. For progression to Part Two, candidates must have achieved a B grade average in the Part One courses.

Completion Requirements

11. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

12. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Journalism should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

13. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Degree of Master of Journalism

Part One Courses (120 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>219.711</td>
<td>Shorthand</td>
<td>0</td>
</tr>
<tr>
<td>219.712</td>
<td>First News Journalism</td>
<td>30</td>
</tr>
<tr>
<td>219.713</td>
<td>Multi-media Journalism</td>
<td>30</td>
</tr>
<tr>
<td>219.714</td>
<td>Media Law, Ethics and Workplace Practice</td>
<td>30</td>
</tr>
<tr>
<td>219.715</td>
<td>Research Methods in Journalism</td>
<td>30</td>
</tr>
</tbody>
</table>

Part Two Courses (60 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>219.889</td>
<td>Journalism Project</td>
<td>60</td>
</tr>
<tr>
<td>219.900</td>
<td>Journalism Project (Part I)</td>
<td>30</td>
</tr>
<tr>
<td>219.991</td>
<td>Journalism Project (Part II)</td>
<td>30</td>
</tr>
</tbody>
</table>

The Degree of Master of Literacy Education MLitEd

No new enrolments from 2016

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Eligibility

1. Candidates for the Master of Literacy Education (MLitEd) must have:
   (a) (i) a Bachelor of Education, a Bachelor of Education (Teaching), or an Advanced Diploma of Teaching; or
      (ii) a degree and a recognised teaching qualification of at least one year’s duration; and have:
   (b) been accepted as a candidate by the College Pro Vice-Chancellor or nominee.

2. Before enrolling, a candidate shall:
   (a) for entry to the 120-credit Master of Literacy Education coursework pathway, have at least a B average in a Postgraduate Diploma of Literacy Education or equivalent; or
   (b) for entry to the 120-credit Master of Literacy Education research pathway, have at least a B+ average in a Postgraduate Diploma of Literacy Education or equivalent; or
   (c) for entry to the 240-credit Master of Literacy Education, have qualified for the degree of Bachelor of Education or equivalent; with at least a B+ average; or
   (d) have qualified for any other degree of a New Zealand university with at least a B+ average and hold a professional qualification in teaching; and
   (e) have been granted admission to postgraduate study as entitled to proceed to the degree of Master of Education.

Programme of Study

3. Candidates enrolled in the 120-credit coursework pathway are required to complete courses listed in (i), (ii) and (iii) below. Candidates who have completed these courses in the PGDipLitEd, may select up to 120 credits from list (iv) below.

4. Candidates enrolled in the 120-credit research pathway are required to complete courses listed in (b) research pathway in addition to a course from list (iii).

5. Candidates enrolled in the 240-credit masters are required to complete courses listed in (i) below (60 credits), one course (30 credits) from list (ii), both courses (30 credits) from list (iii) and the relevant thesis option in list (b).

   (a) Coursework pathway (120 credits)
      (i) Two compulsory courses (60 credits): 258.710 Foundations of Literacy Education 30 The Nature, Prevention and Remediation of Literacy Learning Difficulties 30
## The Degree of Master of Management

**MMgt**

### Qualification Regulations

#### Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

#### Part II

**Admission**

1. Admission to the Master of Management requires that the candidate will:
   
   (a) meet the University admission requirements as specified; and will have:
   
   (b) been awarded or qualified for a relevant Bachelor’s degree or equivalent qualification, having achieved a grade average of at least a B- in the highest level courses; or
   
   (c) been awarded or qualified for a Postgraduate Diploma in Business and Administration with a B- grade average, or equivalent.

#### Qualification Requirements

2. Candidates for the Master of Management shall follow a parts-based programme of study, which shall consist of courses totalling at least 180 credits comprising:
   
   (a) Part One and Part Two as defined by the Schedule to the Degree;
   
   (b) completion of a subject.

3. Notwithstanding Regulation 2, the programme of study for candidates admitted under Regulation 1(c) will consist of courses totalling at least 120 credits from a single subject in the Schedule to the Degree, including Part Two as specified. For such candidates the degree will be awarded without a subject.

### Specialisations

4. Candidates for the Degree of Master of Management may complete a subject by passing at least 180 credits in a subject including:

   (a) a Professional Practice course of 60 credits;
   
   (b) any compulsory courses identified in the Schedule to the Degree.

   The requirements for each subject are set out in the Schedule for the Qualification.


   * No new enrolments in this subject.

### Student Progression

6. For progression from Part One to Part Two, candidates must have achieved a Grade Average of B- over the Part One courses.

7. In cases of sufficient merit, the Degree of Master of Management may be awarded with Distinction or Merit.

### Completion Requirements

8. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for progression from Part One to Part Two, or who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded...
## Schedule for the Degree of Master of Management

### Accountancy

**Part One**

<table>
<thead>
<tr>
<th>Subject courses (120 credits):</th>
</tr>
</thead>
<tbody>
<tr>
<td>110.710 Contemporary Issues in Financial Accounting 30</td>
</tr>
<tr>
<td>110.711 Advanced Accounting Theory 30</td>
</tr>
<tr>
<td>110.785 International Taxation 30</td>
</tr>
<tr>
<td>110.792 Special Topic 30</td>
</tr>
</tbody>
</table>

**Part Two**

| 110.895 Professional Practice 60 |

### Agribusiness

No new enrolments.

### Banking and Finance

**Part One**

**Compulsory courses (60 credits):**

- An approved Finance course (Students with insufficient undergraduate finance knowledge will be required to enrol in 125.700)
- 125.7xx P Graduate status and Permission Head of School
- 137.710 The Theory and Management of Banking 30 | P Permission Head of School; R 137.701, 137.702 |

**Banking subject courses (30 credits)**

- 137.703 International Banking and Financial Markets 30 | C 137.710 |
- 137.704 Risk Management for Financial Institutions 30 | P Graduate status and 137.710 |
- 137.711 Strategic Banking Issues 30 | P/C 137.710, R 137.701, 137.702 |

**Finance subject courses (30 credits)**

- 125.732 Advanced Corporate Finance 30 | P 125.700 or 125.330 or Permission Head of School |
- 125.740 Advanced Investment Analysis 30 | P 125.700 or 125.330 or Permission Head of School |
- 125.780 Advanced International Finance 30 | P Permission Head of School |
- 125.781 Advanced Financial Risk Management 30 | P 125.700 or 125.330 or Permission Head of School |

**Part Two**

(60 credits):

| 125.895 Professional Practice 60 |

### Communication Management

**Part One**

### Enterprise Development

**Part One**

**Subject courses (120 credits):**

| 152.700 Organisation and Management 30 | R 152.200, 152.300 |
| 152.704 Business and Sustainability 30 | R 115.783 |
| 152.731 Innovation and New Ventures 30 | R 28.441, 52.731 |
| 152.752 Project Management 30 |
| 152.766 International Entrepreneurship 30 |

**Part Two**

| 152.898 Professional Practice 60 |

### Financial Economics

**Part One**

**Finance subject courses (60 credits):**

| 125.700 Managerial Finance 30 | P Permission Head of School; R 125.330 |
| 125.732 Advanced Corporate Finance 30 | P 125.700 or 125.330 or Permission Head of School |
| 125.740 Advanced Investment Analysis 30 | P 125.700 or 125.330 or Permission Head of School |
| 125.780 Advanced International Finance 30 | P Permission Head of School |
| 125.781 Advanced Financial Risk Management 30 | P 125.700 or 125.330 or Permission Head of School |

**Economics subject courses (60 credits):**

| 178.702 Macroeconomics 30 | P 178.703, or 178.200 and either 178.220 or 178.280, R 178.700, 178.714 |
| 178.703 The Theory and Practice of Economics 30 |
| 178.712 International Monetary Economics 30 | P 178.703 or 125.700 or 125.330 or Permission Head of School |
| 178.713 Microeconomics 30 | P Any 300-level Microeconomics course |
| 178.718 Health Economics 30 |
| 178.740 Global Food Markets and Trade 15 | R 178.757 |

**Part Two**

| 125.895 Professional Practice 60 |
| 178.895 Professional Practice 60 |

### Health Service Management

**Part One**

**Subject courses (120 credits):**

| 152.700 Organisation and Management 30 | R 152.200, 152.300 |
| 152.707 Leading and Changing Organisations 30 | R 152.709, 152.705 |
| 152.742 Health Systems Management 30 | R 258.742 |
| 152.743 Health Policy 30 | R 258.743 |
| 152.746 Contemporary Issues in Health Service Management 30 | R 258.746 |
| 125.700 Managerial Finance 30 | P Permission Head of School; R 125.330 |
| 157.701 Health Information Management 30 | R 157.711, 157.733 and 158.759 |
The Degree of Master of Māori and Indigenous Business MMAIBus

Jointly awarded with Auckland University of Technology, the University of Auckland, the University of Otago, the University of Waikato and Victoria University of Wellington

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Degree of Master of Māori and Indigenous Business requires that the candidate will meet the University admission requirements as specified; and will
   (a) have been awarded or qualified for a relevant Bachelor’s degree, having achieved a grade average of at least a B- over 45 credits at 300 level or higher, or equivalent;
   and will have:
   (b) completed at least three years’ management experience deemed by Academic Board or its delegate to be relevant to the degree; and
   (c) performed at an acceptable level in any tests of academic aptitude and/or interviews prescribed by the Board of Studies;
   OR will:
   (d) have been awarded or qualified for a Bachelor of Business Studies (Honours), having achieved a grade average of at least a B- over 45 credits at 300 level or higher, or equivalent; and
   (e) have completed at least three years’ management experience deemed by Academic Board or its delegate to be relevant to the degree; and
   (f) have performed at an acceptable level in any tests of academic aptitude and/or interviews prescribed by the Board of Studies;
   OR will:
   (g) have completed extensive relevant practical, professional or scholarly experiences equivalent to the requirements of regulation 1(a) as approved by Academic Board or its delegate; and
   (h) have completed at least three years’ management experience deemed by Academic Board or its delegate to be relevant to the degree; and
   (i) have performed at an acceptable level in any tests of academic aptitude and/or interviews prescribed by the Board of Studies;
   OR will:
   (j) have completed the requirements for a Postgraduate Diploma in Business in Māori Development with a grade average of at least a B.
   OR will:
   (k) have completed the requirements for a Postgraduate Diploma in Māori and Indigenous Business with a grade average of at least a B.

Qualification Requirements
2. Candidates for Degree of Master of Māori and Indigenous Business shall follow a flexible programme of study, which shall consist of courses totalling at least 180 credits comprising:
(a) courses from the Schedule to the Degree or equivalent courses offered by the partner institutions in the delivery and award of the degree; and including:
(b) at least 60 credits from courses at 800 level;
(c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

3. Notwithstanding Regulation 2, the programme of study for candidates admitted under Regulation 1(d), (j) or (k) will consist of courses totalling at least 120 credits comprising:
(a) courses offered by partner institutions in the delivery and award of the degree; and including:
(b) at least 60 credits from courses at 800 level;
(c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
4. The Master of Māori and Indigenous Business is awarded without specialisation.

Student Progression
5. For progression to the 800-level courses of the Degree of Master of Māori and Indigenous Business candidates must have achieved at least a B grade average in across the 700-level courses completed towards the qualification.
6. In cases of sufficient merit, the Master of Māori and Indigenous Business may be awarded with distinction or merit. Distinction may be awarded where overall achievement falls within the A grade range. Merit may be awarded where overall achievement is a B+ grade.

Completion Requirements
7. The Master of Māori and Indigenous Business must be completed within a maximum of five years.
8. Notwithstanding Regulation 7, the programme of study for candidates admitted under Regulations 1(d), (j) or (k) must be completed within a maximum of four years.

The Degree of Master of Māori Visual Arts

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Master of Māori Visual Arts requires that the candidate will meet the University admission requirements as specified and will
(a) have been awarded or qualified for a Bachelor of Māori Visual Arts degree, or equivalent; or will
(b) have been awarded or qualified for a Bachelor’s degree, or equivalent, and provide evidence of professional experience of an appropriate kind and duration in an area relevant to the qualification; or
(c) have been granted admission under the Admission with Equivalent Status regulations and demonstrate practical, professional, and scholarly experience at an appropriate level; and
(d) have been awarded or qualified for the Postgraduate Diploma in Māori Visual Arts having achieved at least a B grade average.
2. In considering applications for admission to the Degree of Master of Māori Visual Arts, the University shall pay due regard to indigenous systems for the acquisition of knowledge and shall apply a fair, large and liberal interpretation to the concepts of “scholarly experience” and “academic work”.

Qualification Requirements
3. Candidates for the Degree of Master of Māori Visual Arts shall follow a parts-based course of study, which shall consist of courses totalling at least 240 credits, comprising:
(a) completion of Part One and Part Two as specified in the Schedule to the Degree; and including
(b) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.
4. Notwithstanding Regulation 3, the course of study for candidates entering the degree under Regulation 1(d) shall consist of courses from the Schedule to the Degree totalling at least 120 credits, including:
(a) completion of Part Two as specified in the Schedule to the Degree; and including
(b) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
5. The Master of Māori Visual Arts is awarded without a subject.

Student Progression
6. For progression from Part One to Part Two, candidates must have achieved a grade average of at least a B over the first 120 credits completed in Part One.
7. In cases of sufficient merit, the Master of Māori Visual Arts may be awarded with Merit, Distinction or Honours in accordance with the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.
Completion Requirements
8. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

9. Candidates may be graduated when they meet the Admission, Qualification and Academic Requirements within the prescribed time frames; candidates who do not meet the requirements for graduation, may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Māori Visual Arts should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
10. The general Unsatisfactory Academic Progress regulations will apply.

Schedule to the Degree of Master of Māori Visual Arts

Part One
Up to 60 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.701</td>
<td>Tino Rangatiratanga: Strategic Māori</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>Development</td>
<td></td>
</tr>
<tr>
<td>150.711</td>
<td>Te Taui-te-o-te-Reo: Advanced Māori</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>Literature</td>
<td></td>
</tr>
<tr>
<td>150.714</td>
<td>Ta Te Māori Rangahau Kōrerō: Māori</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>Research Methodologies</td>
<td></td>
</tr>
<tr>
<td>150.715</td>
<td>Taonga Tuku Iho: Heritage Acetanou</td>
<td>30</td>
</tr>
</tbody>
</table>

Part Two
At least 90 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.809</td>
<td>Te Wahapu Matatau (Matatau): Advanced</td>
<td>90</td>
</tr>
<tr>
<td></td>
<td>Studio Practice</td>
<td></td>
</tr>
<tr>
<td>150.821</td>
<td>Ngā Miro Whakaaturanga: Thesis Practicum</td>
<td>120</td>
</tr>
<tr>
<td></td>
<td>I</td>
<td></td>
</tr>
<tr>
<td>150.825</td>
<td>Ngā Miro Whakaaturanga: Thesis Practicum</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>150.826</td>
<td>Ngā Miro Whakaaturanga: Thesis Practicum</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>C 150.825</td>
<td></td>
</tr>
</tbody>
</table>

No new enrolments from 2019

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Degree of Master of Natural Sciences requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) shall have been awarded or qualified for the Bachelor of Natural Sciences or an equivalent qualification, having achieved a B+ grade average or higher over 300-level courses.

2. Notwithstanding Regulation 1, a candidate who has passed at least 240 credits towards the Bachelor of Natural Sciences including at least 105 credits at 200 level or above, with an average grade of B+ or better in the 200 and/or 300 level courses may, with the approval of the Programme Director, be permitted to enrol in the Master of Natural Sciences.

Qualification Requirements
3. Candidates for the Degree of Master of Natural Sciences shall follow a programme of study, which shall consist of courses totalling at least 180-credits, comprising:
   (a) 60 credits at 700 level and 120 credits at 800 level;
   (b) attending field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
4. The Master of Natural Sciences is awarded without specialisation.

Student Progression
5. In cases of sufficient merit, the Degree of Master of Natural Sciences may be awarded with Distinction or Merit.

Completion Requirements
6. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

The Degree of Master of Natural Sciences

MNatSc

7. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Science and Technology should they meet the relevant Qualification requirements.

8. Candidates admitted under Regulation 2 must complete the requirements of the Bachelor of Natural Sciences, or equivalent qualification, before they are eligible to graduate with the Master of Natural Sciences.

Unsatisfactory Academic Progress
9. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions
10. All candidates commencing study towards the Degree of Master of Natural Sciences on or after 1 January 2015 must satisfy the requirements specified in these regulations.

11. All candidates who commenced study towards the Degree of Master of Natural Sciences prior to 1 January 2015 and who have passed at least 60 credits towards the qualification, may complete under the regulations in the 2014 Massey University Calendar, or transfer to these regulations.

12. In all cases candidates must complete the qualification within the timeframes for completion as specified in the Completion Requirements.

Schedule for the Master of Natural Sciences

Part One
Compulsory course (30 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>246.700</td>
<td>Advanced Research Themes in Natural</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>Sciences</td>
<td>P 246.302</td>
</tr>
</tbody>
</table>

Elective courses (30 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>161.771</td>
<td>Analysis of Experiments for Researchers</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>R 161.321</td>
<td></td>
</tr>
<tr>
<td>161.772</td>
<td>Multivariate Analysis for Researchers</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>R 161.323, 161.762</td>
<td></td>
</tr>
<tr>
<td>161.773</td>
<td>Regression for Researchers</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>R 161.320</td>
<td></td>
</tr>
<tr>
<td>161.776</td>
<td>Statistical Modelling for Researchers</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>P One of 161.200–161.240, R 161.304</td>
<td></td>
</tr>
<tr>
<td>161.777</td>
<td>Practical Data Mining</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>R 161.223 and 161.324</td>
<td></td>
</tr>
<tr>
<td>161.778</td>
<td>Biostatistics for Researchers</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>R 161.331</td>
<td></td>
</tr>
</tbody>
</table>
The Degree of Master of Nursing

MN

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the degree of Master of Nursing requires that the candidate will meet the University admission requirements as specified and will have been awarded or have qualified for a:
   (a) Bachelor’s degree with a minimum grade average of B over the 300-level courses, or equivalent;
   OR
   (b) Postgraduate Certificate in Nursing, with a minimum B grade average over all courses, or equivalent;
   OR
   (c) Postgraduate Diploma in Nursing, with a minimum B grade average over all courses, or equivalent.

2. In all cases the candidate shall:
   (a) be a registered nurse with a practising certificate from the Nursing Council of New Zealand, or equivalent; and
   (b) have completed at least two years of professional experience in a relevant nursing specialty within the previous five years.

Qualification Requirements

3. Candidates for the Degree of Master of Nursing shall follow a parts-based programme of study, which shall consist of 700- and 800-level courses totalling at least 240 credits from the Schedule to the Degree, comprising:
   (a) Parts One and Two as specified in the Schedule to the Degree; and including:
   (b) any compulsory courses listed in Schedule to the Degree;
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

4. Candidates who, in the opinion of the Academic Board or its delegate, have passed with sufficient merit courses as part of a completed Postgraduate Certificate or Postgraduate Diploma in Nursing, or equivalent, may be permitted to cross-credit courses not exceeding a total of 60 or 120 credits respectively. The programme of study for candidates credited 60 credits shall not exceed four calendar years and for candidates credited 120 credits shall not exceed three calendar years.

Specialisations

5. The Master of Nursing is awarded with or without a subject.

6. Candidates may complete a subject by passing at least 210 credits in a subject including any compulsory courses, as specified in Schedule B to the degree.

7. The subject available in the Master of Nursing is Neonatal Nursing*. No new enrolments from 2017.

Student Progression

8. For progression from Part One to Part Two, candidates must have achieved a B grade average over the courses completed in Part One.

9. In cases of sufficient merit, the Degree of Master of Nursing may be awarded with a class of Honours.

Completion Requirements

10. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

11. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Nursing or the Postgraduate Certificate in Nursing should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

12. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions

13. All candidates commencing study towards the Degree of Master of Nursing on or after 1 January 2017 must satisfy the requirements specified in these regulations.

14. Candidates who commenced study towards the Degree of Master of Nursing in 2016 or earlier and have completed at least 30 credits towards the degree may be permitted course substitution beyond the normal limits and may be exempted from compliance with Regulations 2a and 8.

15. In all cases candidates must complete the qualification within the timeframes for completion as specified in the Completion Requirements.

16. These transition arrangements expire on 31 December 2020.

Schedule for the Master of Nursing

Core courses for the Degree of Master of Nursing

Part One

Compulsory courses (90 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>168.728</td>
<td>Assessment and Clinical Decision-Making</td>
<td>30</td>
</tr>
<tr>
<td>168.733</td>
<td>Physiology and Pathophysiology</td>
<td>30</td>
</tr>
<tr>
<td>168.734</td>
<td>Clinical Pharmacology</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>90</td>
</tr>
</tbody>
</table>

*Neonatal Nursing*
### Schedule B: Core Courses for the Master of Nursing Subjects

#### Neonatal Nursing (no new enrolments from 2017)

**Part One**

**Compulsory courses (150 credits):**

- 168.725 Neonatal Science and Clinical Care of the Neonate I 30
- 168.726 Neonatal Science and Clinical Care of the Neonate II 30
- 168.729 Neonatal and Family Assessment and Practice 30
- 168.734 Clinical Pharmacology 30
- 168.711 Health Research Design and Method 30

**Part Two**

**Compulsory course (30 credits):**

- 168.853 Advanced Neonatal Nursing Practicum 30

### Qualification Regulations

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

1. Candidates for the degree of Master of Philosophy shall, before enrolment, have:
   
   (a) been admitted or qualified for admission in the College in which it is proposed to enrol to either a Bachelor’s Degree or to an Honours Degree; or
   
   (b) been granted admission with equivalent status as entitled to pursue a programme of study for the degree in a College other than that in which they qualified for admission either to a Bachelor’s Degree or to an Honours Degree; or
   
   (c) such other qualifications as the Academic Board may accept.

### The Degree of Master of Philosophy MPhil

- Except as provided in Regulations 1, 3 and 4, candidates shall comply with the Course Regulations for a Master’s Degree in the College in which they pursue the programme of study.
- Candidates who have been enrolled on the basis of a Bachelor’s Degree for which the required programme of study was of three years’ duration shall be required to take the examinations in an approved set of advanced level courses in the proposed field of study equivalent in amount to one year of full-time study.
- In special circumstances, and subject to Regulation 3, the Academic Board may at its discretion modify for candidates the requirements of the Course Regulations for a Master’s Degree in the College in which they pursue the programme of study. Modifications that may be permitted under this Regulation are substitution, wholly or in part, of a thesis for required course work, and substitution of other requirements for a thesis.
- The degree shall be awarded on the combined result of the courses (where applicable) and a pass in the thesis (where applicable).
- In Colleges where the College Masterate is awarded with classes of honours, the Master of Philosophy degree may be awarded with distinction for a result of the same standard as that required for first class honours in the College Masterate.

### The Degree of Master of Professional Accountancy and Finance MPAF

#### Qualification Regulations

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

1. Admission to the Master of Professional Accountancy and Finance requires that the candidate will:

   (a) meet the University admission requirements as specified; and
Qualification Requirements

1. Admission to the Degree of Master of Professional Public Relations requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have completed an Undergraduate degree achieving at least a B grade average in the highest two levels of the majoring subject.

2. Candidates for the Master of Professional Accountancy and Finance shall follow a fixed programme of study, which shall consist of courses totalling at least 240 credits, comprising Part A and Part B, including all of the courses specified in the Schedule to the Qualification.

3. If a candidate has already passed a course with substantially the same prescription and at the same level as one or more of those offered in the Master of Professional Accountancy and Finance then the candidate may be permitted to complete another approved course or courses that they have not already passed.

Specialisations

4. There are no specialisations for this qualification.

Academic Requirements

5. There are no additional academic requirements for this qualification.

Student Progression

6. In order to progress from Part A to Part B, candidates must have maintained a B- grade average in Part A of the qualification.

7. The Master of Professional Accountancy and Finance may be awarded with or without Honours.

Completion Requirements

8. The timeframes for completion as outlined in General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Business or to the Postgraduate Certificate in Business should they meet the relevant Qualification requirements.

The Degree of Master of Professional Public Relations

MPPR

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Degree of Master of Professional Public Relations requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have completed at least two years of professional public relations practice as approved by the Head of School or hold the Accredited in Public Relations qualification; and
   (c) have been awarded a Bachelor Honours degree or Postgraduate Diploma in Public Relations.

2. In all cases candidates will be required to:
   (a) have completed a B grade average in Part A of the qualification.
   (b) be selected into the programme on the basis of an application and interview.

Qualification Requirements

3. Candidates for the Degree of Master of Professional Public Relations shall follow a flexible programme of study, which shall consist of courses totalling at least 180 credits, comprising:
   (a) the compulsory courses as specified by the Schedule to the Master of Professional Public Relations; and including
   (b) attending contact workshops, block courses, study trips, studios, workshops, tutorials, and laboratories as required.

4. Notwithstanding Regulation 3, candidates who have been admitted in accordance with Regulation 1(c), are required to complete 120 credits including 219.820 Applied Public Relations Project.

Specialisations

5. The Degree of Master of Professional Public Relations is awarded without specialisation.

Academic Requirements

6. Candidates are required to undertake an International study trip in accordance with the following course:

   219.720 Global Public Relations Management

Student Progression

7. In cases of sufficient merit, the Degree of Master of Professional Public Relations may be awarded with Distinction or Merit.

Completion Requirements

8. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Business should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

10. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Master of Professional Public Relations

Compulsory courses:

- **219.716** Public Relations Research Methods (15 credits)
The Degree of Master of Public Health

**Qualification Regulations**

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

**Qualification Requirements**

2. Candidates for the Master of Public Health shall follow a parts-based programme of study, which shall consist of 700 and 800 level courses totalling at least 240 credits, comprising:
   (a) Parts One and Two as specified in the Schedule for the Qualification; and
   (b) any compulsory courses listed in the Schedule for the Qualification; and
   (c) attendance at contact workshops, block courses, field trips, studios, workshops, tutorials, laboratories and practical work as required.

3. Notwithstanding Regulation 2, the programme of study for a candidate admitted under Regulation 1(c) will consist of at least 180 credits, comprising:
   (a) Parts One and Two as specified in the Schedule for the Qualification; and
   (b) any compulsory courses not already completed or waived listed in the Schedule for the Qualification; and
   (c) attendance at contact workshops, block courses, field trips, studios, workshops, tutorials, laboratories and practical work as required.

4. Notwithstanding Regulation 2, the programme of study for a candidate admitted under Regulation 1(d) will consist of at least 120 credits, comprising:
   (a) at least 60 credits from Part Two; and
   (b) any compulsory courses not already completed or waived listed in the Schedule for the Qualification; and
   (c) attendance at contact workshops, block courses, field trips, studios, workshops, tutorials, laboratories and practical work as required.

**Specialisations**

5. The Master of Public Health is awarded without an endorsement.

**Student Progression**

6. For progression to Part Two of the degree, candidates must have achieved a minimum Grade Average of B over the courses completed in Part One.

7. In cases of sufficient merit, the Master of Public Health may be awarded with a class of award in accordance with the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Completion Requirements**

8. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes. Candidates who do not meet the requirements for graduation may, subject to the approval of the Academic Board, be awarded the Postgraduate Diploma in Public Health should they meet the relevant qualification requirements.

**Transitional Provisions**

10. All candidates commencing study towards the Master of Public Health on or after 1 January 2017 must satisfy the requirements specified in these regulations.

11. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, all candidates who commenced study towards the Master of Public Health prior to January 2017 and who have completed at least 60 credits may be permitted course substitution beyond the normal limits.

12. These transition arrangements expire on 31 December 2022.

13. In all cases candidates must complete the qualification within the timeframes for completion as specified in the Completion Requirements.

**Unsatisfactory Academic Progress**

14. The general Unsatisfactory Academic Progress regulations will apply.

**Schedule for the Master of Public Health**

**Part One**

Compulsory courses (90 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>219.704</td>
<td>Māori Health</td>
<td>30</td>
</tr>
<tr>
<td>219.705</td>
<td>Pacific Health</td>
<td>30</td>
</tr>
<tr>
<td>150.701</td>
<td>Tino Rangatiratanga: Strategic Māori Development</td>
<td>30</td>
</tr>
<tr>
<td>150.702</td>
<td>Mauri Ora: Māori Mental Health</td>
<td>30</td>
</tr>
<tr>
<td>150.714</td>
<td>Ta Te Māori Rangahau Kītec: Māori Research Methodologies</td>
<td>30</td>
</tr>
<tr>
<td>151.716</td>
<td>Advanced Nutrition and Disease</td>
<td>15, P 151.333, 151.345</td>
</tr>
<tr>
<td>151.717</td>
<td>Selected Topics in Public Health Nutrition</td>
<td>15</td>
</tr>
<tr>
<td>219.733</td>
<td>Big Public Health Issues</td>
<td>15</td>
</tr>
<tr>
<td>219.734</td>
<td>Maternal and Child Health</td>
<td>15</td>
</tr>
<tr>
<td>219.732</td>
<td>Physical Activity Promotion</td>
<td>15</td>
</tr>
<tr>
<td>178.718</td>
<td>Health Economics</td>
<td>30</td>
</tr>
<tr>
<td>147.704</td>
<td>Drugs and Society</td>
<td>30</td>
</tr>
<tr>
<td>213.706</td>
<td>Occupational Health</td>
<td>30, P 213.701</td>
</tr>
<tr>
<td>213.707</td>
<td>Environmental Health</td>
<td>30, P 213.701</td>
</tr>
<tr>
<td>213.721</td>
<td>International Public Health</td>
<td>15</td>
</tr>
<tr>
<td>250.702</td>
<td>Systems Thinking and Analysis</td>
<td>15</td>
</tr>
<tr>
<td>250.703</td>
<td>Health Communication</td>
<td>15</td>
</tr>
</tbody>
</table>

Electives:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>231.725</td>
<td>Foundations of Public Health Practice</td>
<td>15, R 231.701</td>
</tr>
<tr>
<td>231.726</td>
<td>Health Systems and Policy</td>
<td>15, R 231.701</td>
</tr>
<tr>
<td>231.728</td>
<td>Public Health Intervention Management</td>
<td>15</td>
</tr>
<tr>
<td>231.729</td>
<td>Public Health Research and Evaluation</td>
<td>15</td>
</tr>
<tr>
<td>231.730</td>
<td>Epidemiology and Biostatistics 1</td>
<td>15, R 231.703</td>
</tr>
<tr>
<td>231.731</td>
<td>Epidemiology and Biostatistics 2</td>
<td>15, P 231.730, R 231.703</td>
</tr>
<tr>
<td>231.732</td>
<td>Digital Innovation and Public Relations Management</td>
<td>30</td>
</tr>
<tr>
<td>219.718</td>
<td>Reputational Risk and Ethics</td>
<td>30</td>
</tr>
<tr>
<td>219.719</td>
<td>Public Relations Analytics</td>
<td>30, P 219.718</td>
</tr>
<tr>
<td>219.720</td>
<td>Global Public Relations Management</td>
<td>30</td>
</tr>
<tr>
<td>219.820</td>
<td>Applied Public Relations Project</td>
<td>45</td>
</tr>
</tbody>
</table>
Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Degree of Master of Quality Systems requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) shall have been awarded or qualified for a relevant university Bachelor’s degree or an equivalent qualification with a B grade average over the 300-level majoring courses; or
   (c) have been awarded or qualified for a Bachelor’s degree in a related field with a minimum B grade average over the 300-level courses, and have satisfied the Academic Board that they have a minimum of 5 years’ professional experience in quality management or a related area; or
   (d) have been awarded or qualified for a relevant Bachelor’s degree with Honours with a minimum B grade average; or
   (e) have been awarded or qualified for the Postgraduate Diploma in Quality Systems, or an equivalent qualification, with a minimum B grade average.

Qualification Requirements

2. Candidates for the Degree of Master of Quality Systems shall follow a parts-based programme of study, which shall consist of courses totalling at least 180 credits, comprising:
   (a) Part One and Part Two as defined by the Schedule to the Degree. And including:
   (b) courses selected from the Schedule to the Degree; 
   (c) any compulsory courses identified in the Schedule to the Degree; 
   (d) at least 15 credits of Research Methods; 
   (e) attending field trips, studios, workshops, tutorials, and laboratories as required.

3. Notwithstanding Regulation 2, the programme of study for those candidates admitted via Regulation 1(c), 1(d) and 1(e) will consist of courses totalling 120 credits, comprising:
   (a) a thesis of 120 credits; or
   (b) a thesis of 90 credits and 30 credits of approved courses from Part One of the Schedule, including at least 15 credits of Research Methods; or
   (c) a research report of 60 credits and 60 credits of approved courses from Part One of the Schedule, including at least 15 credits of Research Methods.

4. Notwithstanding the requirements of Regulations 2(d) and 3(b) and (c) candidates may, with the permission of the Programme Director, be exempt from the requirement to complete a research methods course if they have completed another research methods course at the same level.

Specialisations

5. The Master of Quality Systems is awarded without specialisation.

Student Progression

6. For progression to Part Two, candidates must have maintained a B+ grade average over courses completed in Part One.

7. In cases of sufficient merit, the Master of Quality Systems may be awarded with Merit of Distinction.

Completion Requirements

8. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Quality Systems should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

10. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions

11. All candidates commencing study towards the Degree of Master of Quality Systems on or after 1 January 2014 must satisfy the requirements specified in these regulations.

12. Candidates who commenced study towards the Postgraduate Diploma in Quality Systems in 2013 or earlier and who successfully complete the Postgraduate Diploma by the end of the 2014 year may be admitted to and permitted to complete the Master of Quality Systems under the regulations in the 2013 Calendar until the end of the 2018 academic year.

13. In all cases candidates must complete the qualification within the timeframes for completion as specified in the Completion Requirements.

Schedule for the Master of Quality Systems

Part One

Compulsory course – 30 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>287.730</td>
<td>Quality Management</td>
<td>30</td>
</tr>
<tr>
<td>287.733</td>
<td>Quality Management for Medical Laboratories</td>
<td>30</td>
</tr>
</tbody>
</table>

At least 15 credits and no more than 30 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>119.729</td>
<td>Research Methods</td>
<td>15</td>
</tr>
</tbody>
</table>

Part Two

Option A

Compulsory praxis courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>231.818</td>
<td>Public Health Praxis 1</td>
<td>30</td>
</tr>
<tr>
<td>231.819</td>
<td>Public Health Praxis 2</td>
<td>30</td>
</tr>
<tr>
<td>C 231.818</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Option B

Compulsory praxis course:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>231.818</td>
<td>Public Health Praxis 1</td>
<td>30</td>
</tr>
</tbody>
</table>

And up to 90 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>231.820</td>
<td>Public Health Thesis</td>
<td>90</td>
</tr>
<tr>
<td>231.821</td>
<td>Public Health Thesis Part 1</td>
<td>45</td>
</tr>
<tr>
<td>231.822</td>
<td>Public Health Research Thesis Part 2</td>
<td>45</td>
</tr>
<tr>
<td>C 231.821</td>
<td></td>
<td></td>
</tr>
<tr>
<td>231.895</td>
<td>Research Project</td>
<td>60</td>
</tr>
</tbody>
</table>

The Degree of Master of Quality Systems
MQS

MASSEY UNIVERSITY 2018 CALENDAR
<table>
<thead>
<tr>
<th>Part Two</th>
<th>Option A 120 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>287.899</td>
<td>Thesis</td>
</tr>
<tr>
<td>287.897</td>
<td>Thesis 120 Credit Part 1</td>
</tr>
<tr>
<td>287.898</td>
<td>Thesis 120 Credit Part 2</td>
</tr>
<tr>
<td>287.897</td>
<td>C 287.897</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Option B 90 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>287.888</td>
</tr>
<tr>
<td>287.886</td>
</tr>
<tr>
<td>287.887</td>
</tr>
<tr>
<td>287.886</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Option C 60 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>228.895</td>
</tr>
</tbody>
</table>

The Degree of Master of Resource and Environmental Planning

**MRP**

Qualification Regulations

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

**Admission**

1. Admission to the Master of Resource and Environmental Planning requires that the candidate will:
   
   (a) meet the University admission requirements as specified; and shall:
   
   (b) have been awarded or qualified for a Bachelor’s degree with at least a B grade average across the highest level courses, or equivalent; or
   
   (c) have been awarded or qualified for the Bachelor of Resource and Environmental Planning, with at least a B+ grade average across the highest level courses, or equivalent; or
   
   (d) have been awarded or qualified for the Postgraduate Diploma in Planning with at least a B grade average (Professional Pathway) or a B+ grade average (Research Pathway), or equivalent.

2. In all cases, if English is not the applicant’s first language and the admission qualification was not completed at a University where English is the medium of instruction, the applicant shall have achieved an IELTS of at least 7 with no band less than 6 within the preceding five years.

**Qualification Requirements**

3. Candidates for the Master of Resource and Environmental Planning shall follow a parts-based programme of study, which shall consist of courses totalling at least 240 credits, comprising:
   
   (a) completion of Part One and Part Two as defined in the Schedule to the Degree;
   
   and including:
   
   (b) the compulsory courses identified in the Schedule for the degree;
   
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

4. Notwithstanding Regulation 3, the programme of study for candidates admitted under Regulation 1(d) will consist of at least 120 credits from courses listed in the Schedule, comprising:
   
   (a) Part Two as detailed in the Schedule for the Qualification; and including:
   
   (b) the 120 credit thesis 132.899, or 132.815 and 132.816.

5. Notwithstanding Regulation 3, the programme of study for candidates admitted under Regulation 1(c) will consist of at least 7 with no band less than 6 within the preceding five years.

**Specialisations**

6. The degree of Master of Resource and Environmental Planning is awarded without specialisation.

**Student Progression**

7. For progression to Part Two in the Master of Resource and Environmental Planning (Professional Pathway), candidates must have achieved at least a B grade average in the courses completed in Part One.

8. For progression to Part Two in the Master of Resource and Environmental Planning (Research Pathway), candidates must have achieved at least a B+ grade average in the courses completed in Part One.

9. In cases of sufficient merit, the Master of Resource and Environmental Planning may be awarded with a class of Honours.

**Completion Requirements**

10. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

11. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Planning should they meet the relevant Qualification requirements.

** Unsatisfactory Academic Progress**

12. The general Unsatisfactory Academic Progress regulations will apply.

**Transitional Provisions**

13. All candidates commencing study towards the Master of Resource and Environmental Planning on or after 1 January 2017 must satisfy the requirements specified in these regulations.

14. Candidates who commenced study towards the Master of Resource and Environmental Planning in 2016 or earlier, and who have completed at least 30 credits at the beginning of the 2017 academic year may be exempted from the grade average requirement for Admission under Regulation 1 and from the progression requirements specified under Regulation 7.

15. Candidates who commenced study towards the Master of Resource and Environmental Planning in 2016 or earlier, and who have completed at least 90 credits towards the degree at the beginning of the 2017 academic year may be exempted from the grade average requirement for Admission under Regulation 1 and from the progression requirements specified under Regulation 7.

16. Candidates who commenced study towards the Master of Resource and Professional Planning in 2016 or earlier who were granted concession on the basis of a Postgraduate Diploma of Planning completed to the specified standard may complete under the concession regulations in place at the time they commenced study towards the degree until the 31 December 2020.

17. In all cases candidates must complete the qualification within the timeframes for completion as specified in the Completion Requirements.

18. These transition arrangements expire 31 December 2020.
Schedule for the Master of Resource and Environmental Planning

Part One

Compulsory courses:

- 132.731 Planning Law 30
- 132.732 Planning Theory 30
- 132.738 Professional Practice 30

Elective Courses

- 132.729 Mana Taiao: Advanced Māori Planning 30
- 132.730 Policy Analysis and Evaluation Techniques 30
- 132.734 Urban Planning and Development 30
- 132.735 Natural Resource Policy and Planning 30
- 132.738 GIS Principles and Applications 30
- 132.739 Assessing Environmental Impacts: Principles and Practice 30
- 132.741 Long-Term Community Planning 30 R 132.737 (2008 only)

Part Two – Professional Pathway

132.890 Professional Inquiry in Planning 60

Part Two – Research Pathway

At least 90 credits from:

- 132.893 Thesis 90 Credit Part 1 45
- 132.894 Thesis 90 Credit Part 2 45 C 132.893
- 132.897 Thesis 90

OR

At least 120 credits from:

- 132.815 Thesis 120 Credit Part 1 60 P 132.804
- 132.816 Thesis 120 Credit Part 2 60 P 132.804 C 132.815
- 132.899 Thesis 120 P 132.804

The Degree of Master of Science

MSc

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II Admission

1. Admission to the Degree of Master of Science requires that the candidate will have:
   (a) been awarded or qualified for the Bachelor of Science with a major in the intended postgraduate subject, or an equivalent qualification; and
   (b) achieved a B grade average over the 300-level majoring courses of the qualification(s) considered for admission, or equivalent; or will have:
   (c) been awarded or qualified for either the Bachelor of Science with Honours or the Postgraduate Diploma in Science and Technology in the intended MSc subject, having achieved a B grade average over the contributing courses.

2. In all cases the candidate will be required to meet the University admission requirements as specified.

3. Admission to the Degree of Master of Science (Medical Laboratory Science) requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for the Bachelor of Medical Laboratory Science having achieved a B grade average over the 300-level courses, or an NZIMLS Fellowship and a Massey University Postgraduate Diploma in Science and Technology, or equivalent qualification(s); and
   (c) be registered as a New Zealand Medical Laboratory Scientist.

4. Admission to the Degree of Master of Science (Nutrition and Dietetics) requires that the candidate will:
   (a) meet the requirements of Regulation 1; and
   (b) meet all the requirements as defined by the New Zealand Dietitians Board for registration as an Entry-level Dietitian, in terms of good character and fitness to be a dietitian; and
   (c) be selected into the programme conditional upon the availability of approved clinical placements.

5. Admission to the Degree of Master of Science (One Health) requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a Bachelor’s degree of at least four years duration, a Bachelor’s degree with Honours or a Postgraduate Diploma, in a relevant subject and having achieved at least a B grade average over the contributing courses, or equivalent.

Qualification Requirements

6. Candidates for the Degree of Master of Science shall follow a parts-based programme of study, which shall consist of courses totalling at least 180 credits, comprising:
   (a) Part One and Part Two as defined by the Schedule to the Degree.
   (b) completion of a Subject.

7. Notwithstanding Regulation 6, the programme of study for candidates admitted under Regulation 1(c) will consist of a thesis totalling at least 120 credits as included in the Schedule to the Degree.

8. Notwithstanding Regulation 6, candidates admitted under Regulation 3 shall follow a programme of study which shall consist of courses totalling at least 135 credits as specified for the Medical Laboratory Science subject in the Schedule to the Degree.

9. Notwithstanding Regulation 6, the programme of study for candidates admitted under Regulation 5 will consist of courses totalling at least 120 credits as specified for the One Health subject in the Schedule to the Degree.

Specialisations

10. Except as provided under Regulation 7 and 9, candidates may complete a subject by passing at least 180 credits in a subject including:
   (a) a thesis of at least 90 credits or a research report of at least 60 credits;
   (b) at least 60 credits at 700 level, including where identified in the Schedule to the Degree, a Research Methods course and any compulsory courses.

The requirements for each subject are set out in the Schedule to the Qualification.

11. Notwithstanding Regulation 10, candidates may complete the subject Medical Laboratory Science by passing at least 135 credits in that subject including:
   (a) a research report of at least 45 credits;
   (b) at least 90 credits at 700 level, including where identified in the Schedule to the Degree, any compulsory courses.

12. Notwithstanding Regulation 10, candidates may complete the subject Nutrition and Dietetics by passing 240 credits in that subject including:
   (a) a thesis of at least 90 credits;
   (b) 150 credits at 700-level, including where identified in the Schedule to the Degree, any compulsory courses.
13. Notwithstanding Regulation 10, candidates may complete the subject Psychology by passing at least 240 credits in that subject including:
(a) a thesis of at least 120 credits;
(b) 120 credits at 700 level, including where identified in the Schedule to the Degree, any compulsory courses.


15. Notwithstanding Regulation 10, the Academic Board may approve a programme of study involving courses from more than one of the subjects listed in Regulation 14, provided that at least half of the total credits for the courses are chosen from the same subject as the thesis.

Student Progression

16. In cases of sufficient merit, the Degree of Master of Science may be awarded with a class of Honours, or with Distinction or Merit, in accordance with the provisions specified in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

17. For progression to Part Two of the Degree of Master of Science, candidates must have maintained a B grade average over the Part One courses.

Completion Requirements

18. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

19. Candidates may be graduated when they meet the Admission, Qualification, and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Science and Technology should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

20. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions

21. All candidates commencing study towards the Master of Science on or after 1 January 2015 must satisfy the requirements specified in these regulations.

22. Candidates who commenced study towards the Master of Science prior to 1 January 2015 may transfer to these regulations, but must satisfy all requirements as specified.

23. Subject to the Maximum Time to Completion and Abandonment of Studies provision specified in the Part I regulations for the degree, all candidates who commenced study towards the Master of Science in Earth Science prior to January 2017, and who have taken both 233.702, and 233.710, may substitute these courses for 233.721 and 233.722 (in the case of 233.702) and 233.710 and 233.711 (in the case of 233.750), until 31 December 2020.

24. Subject to the Maximum Time to Completion and Abandonment of Studies provision specified in the Part I regulations for the degree all candidates who commenced study towards the Master of Science in Geography prior to January 2017, and who have taken two or more of 145.702, 145.704 or 145.705, may substitute these courses for 145.730, 145.731, 145.732 (in the case of 145.705), 145.734 and 233.721 (in the case of 145.704), 145.735 and 145.736 (in the case of 145.732), until 31 December 2020.

25. In all cases candidates must complete the qualification within the timeframes for completion as specified in the Completion Requirements.

Schedule for the Master of Science

Agricultural Science

Part One (at least 60 credits)
At least 15 credits from:
119.728 Research Practice 15
119.729 Research Methods 15

162.760 Research Methods and Communication in the Biosciences 30 R 162.750

Subject courses (one Option):

Option A: Animal Science
At least 30 credits at 700 level from the 117 prefix.
At least 15 credits at 700 level from the 189, 285, or 286 prefixes.

Option B: Agriculture/ Horticulture Plants
At least 30 credits at 700 level from the 283 or 284 prefix.
At least 15 credits at 700 level from the 117, 119, 189, 283, 284 or 285 prefixes.

Option C: Soil Science
At least 30 credits at 700 level from the 189 prefix.
At least 15 credits at 700 level from the 117 or 119 prefixes.

Part Two (at least 60 credits)

Option A: Animal Science
117.899 Thesis 120
117.897 Thesis 120 Credit Part 1 60
117.898 Thesis 120 Credit Part 2 60 C 117.897
117.875 Thesis 90
117.871 Thesis 90 Credit Part 1 45
117.872 Thesis 90 Credit Part 2 45 C 117.871
117.887 Research Report 60

Option B: Agriculture/ Horticulture Plants
171.899 Thesis 120
171.897 Thesis 120 Credit Part 1 60
171.898 Thesis 120 Credit Part 2 60 C 171.897
171.875 Thesis 90
171.871 Thesis 90 Credit Part 1 45
171.872 Thesis 90 Credit Part 2 45 C 171.871
171.887 Research Report 60

Option C: Soil Science
189.899 Thesis 120
189.896 Thesis 120 Credit Part 1 60
189.896 Thesis 120 Credit Part 2 60 C 189.895
189.875 Thesis 90
189.871 Thesis 90 Credit Part 1 45
189.872 Thesis 90 Credit Part 2 45 C 189.871
189.887 Research Report 60

Animal Science

Part One (at least 60 credits)
Compulsory course (30 credits):
119.728 Research Practice 15
151.709 Biometrics for the Animal and Nutritional Sciences 15

At least 30 credits from:
117.761 Ruminant Livestock Feeding 15 P 117.342 or 117.371 or 117.381
117.762 Intensive Livestock Feeding 15 P 117.342
117.764 Growth and Meat Science 15 P 117.344
117.765 Genetics and Breeding 15 P 117.345
117.767 Reproduction and Fertility 15 P 117.347
117.788 Metabolism and Endocrinology 15 P 117.348
117.789 Lactation and Milk Production 15 P 117.347

Subject courses:
Courses at 700 level from the 117, 122, 194, 199, 283 prefixes.
Part Two
120 credits from:

117.898 Thesis 120

117.887 Thesis 120 Credit Part 1 60

117.898 Thesis 120 Credit Part 2 60 C 117.897

OR

At least 60 credits from:

117.875 Thesis 90

117.871 Thesis 90 Credit Part 1 45

117.872 Thesis 90 Credit Part 2 45 C 117.871

117.887 Research Report 60

Biochemistry

Part One (at least 60 credits)

Compulsory course selection
At least 60 credits from:

122.703 Gene Expression 30 P One of 122.303, 203.342, 203.340

122.704 Molecular Cell Biology 30 P One of 122.322, 122.327, 123.326, 123.328, 194.346

247.712 Advanced Topics in Molecular Biology 30 P One of 122.303, 122.322, 122.327, 123.326, 194.346

Subject courses:

122.713 Advanced Topics in Biochemistry 15 P One of 122.303, 122.322, 122.327, 123.326, 203.300, 203.340, 203.342

122.798 Research Report 30 P Two of 122.322, 122.327, 123.326, 203.300, 203.340, 203.342, 203.343

Research Methods and Communication in the Biosciences 30 R 162.750

247.782 Special Topic 15

247.783 Special Topic 15

Part Two

120 credits from:

122.899 Thesis 120

122.897 Thesis 120 Credit Part 1 60

122.898 Thesis 120 Credit Part 2 60 C 122.897

OR

At least 60 credits from:

122.875 Thesis 90

122.871 Thesis 90 Credit Part 1 45

122.872 Thesis 90 Credit Part 2 45 C 123.871

122.870 Research Report 60

Biological Sciences

Part One (at least 60 credits)

Subject courses:
At least 60 credits at 700 level from 120, 122, 161, 162, 194, 196, 199, 203,232 prefixes.

Part Two (at least 60 credits)

Thesis of 120 credits (xxx.899, or xxx.897 and xxx.898), or a thesis of 90 credits (xxx.875, or xxx.871 and xxx.872), or a research report of 60 credits (xxx.8xx) from one of 120, 122, 161, 162, 194, 196, 199, 203,232 prefixes.

Chemistry

Part One (at least 60 credits)

Compulsory course (30 credits):

123.711 Research Methods in Chemistry and Nanoscience 30

At least 30 credits from:

123.712 Advanced Nanoscience and Physical Chemistry 30

123.713 Advanced Chemical Synthesis 30

123.798 Research Report 30

Subject courses:

124.712 Condensed Matter Physics 15 P 124.325 and one of 124.327, 124.332, 124.316

124.762 Chemical Physics 15 P 124.325 and one of 124.327, 124.332, 124.316

247.782 Special Topic 15

247.783 Special Topic 15

Part Two

120 credits from:

159.899 Thesis 120

159.897 Thesis 120 Credit Part 1 60

159.898 Thesis 120 Credit Part 2 60 C 159.897

OR

At least 60 credits from:

159.875 Thesis 90

159.871 Thesis 90 Credit Part 1 45

159.872 Thesis 90 Credit Part 2 45 C 123.871

159.870 Research Report 60

Computer Science

Part One (at least 60 credits)

159.702 Knowledge Engineering 15

159.703 Advanced Computer Systems 15

159.704 Systems Programming 15

159.707 Advanced Software Design and Construction 15

159.709 Computer Graphics 15

159.710 User Interface Design 15

159.731 Studies in Computer Vision 15

159.732 Studies in Computer Programming 15

159.735 Studies in Parallel and Distributed Systems 15

159.736 Studies in Operating Systems and Architecture 15

159.737 Studies in Compilers and Grammars 15

159.738 Special Topic 15

159.739 Special Topic 15

159.740 Studies in Intelligent Systems 15

159.794 Project 15

159.795 Project 15

Part Two

120 credits from:

159.899 Thesis 120

159.897 Thesis 120 Credit Part 1 60

159.898 Thesis 120 Credit Part 2 60 C 159.897

OR

At least 60 credits from:

159.875 Thesis 90

159.871 Thesis 90 Credit Part 1 45

159.872 Thesis 90 Credit Part 2 45 C 159.871

159.870 Research Report 60
Conservation Biology

Part One (at least 60 credits)

Compulsory courses (60 credits):

- 232.701 Conservation Biology 30 R 196.719
- 232.703 Wildlife Management 30 C 232.701 or 196.713; R 199.715

Subject courses:

- 132.735 Natural Resource Policy and Planning 30
- 132.738 GIS Principles and Applications 30
- 188.705 Natural Resource Policy 15
- 188.764 Advanced Environmental Management I 15 R 188.763
- 188.765 Advanced Environmental Management II 15 R 188.763
- 194.709 Conservation Endocrinology and Reproductive Biology 30
- 196.712 Aquatic Ecology 30 P 196.313 or 121.313
- 196.713 Plant Ecology 30 P 196.316
- 232.704 Wildlife Disease 30
- 232.705 Captive Breeding and Management 30
- 232.799 Research Report 30
- 233.701 Māori Values and Resource Management 15 R 196.704
- 233.735 Research Practice 15
- 233.738 Research Methods 15
- 247.782 Special Topic 15
- 247.783 Special Topic 15

Part Two

120 credits from:

- 232.899 Thesis 120
- 232.897 Thesis 120 Credit Part 1 60
- 232.898 Thesis 120 Credit Part 2 60 C 232.897

OR

At least 60 credits from:

- 232.875 Thesis 90
- 232.871 Thesis 90 Credit Part 1 45
- 232.872 Thesis 90 Credit Part 2 45 C 232.871
- 232.870 Research Report 60

Earth Science

Part One (at least 60 credits)

- 119.728 Research Practice 15

OR

- 119.729 Research Methods 15
- 233.701 Advanced Pedology 30 P 189.364
- 233.705 Volcanology and Tephrochronology 30
- 233.706 Environmental Geographical Information Systems 30
- 233.707 Environmental Remote Sensing 30
- 233.708 Geochemistry 30
- 233.709 Advanced Sedimentology 30
- 233.710 Geology, Hazard and Society: Environmental Geology A 15 P 121.310, 121.311; R 233.766
- 233.711 Applied Environmental Geology: Environmental Geology B 15 P 121.310, 121.311; R 233.766
- 233.721 Global Climate Change 15 P 145.320 or 233.310; R 145.704, 233.702
- 233.722 Advanced Quaternary Geology 15 P 233.310, R 233.702
- 233.799 Research Report 30
- 247.782 Special Topic 15
- 247.783 Special Topic 15

Part Two

120 credits from:

- 233.899 Thesis 120
- 233.897 Thesis 120 Credit Part 1 60
- 233.898 Thesis 120 Credit Part 2 60 C 233.897

OR

At least 60 credits from:

- 233.875 Thesis 90
- 233.871 Thesis 90 Credit Part 1 45
- 233.872 Thesis 90 Credit Part 2 45 C 233.871
- 233.870 Research Report 60

Ecology

Part One (at least 60 credits)

At least 60 credits from:

- 196.712 Aquatic Ecology 30 P 196.313 or 121.313
- 196.713 Ecology 30 P 196.3xx or 199.3xx
- 196.726 Plant Ecology 30 P 196.316

Subject courses:

- 196.712 Aquatic Ecology 30 P 196.313 or 121.313
- 196.713 Ecology 30 P 196.3xx or 199.3xx
- 196.726 Plant Ecology 30 P 196.316

Part Two

120 credits from:

- 196.899 Thesis 120
- 196.897 Thesis 120 Credit Part 1 60
- 196.898 Thesis 120 Credit Part 2 60 C 196.897

OR

At least 60 credits from:

- 196.875 Thesis 90
- 196.871 Thesis 90 Credit Part 1 45
- 196.872 Thesis 90 Credit Part 2 45 C 196.871
- 196.870 Research Report 60

Exercise and Sport Science

Part One (at least 60 credits)

15 credits from:

- 119.728 Research Practice 15
- 119.729 Research Methods 15
- 233.701 Advanced Pedology 30 P 189.364
- 233.705 Volcanology and Tephrochronology 30
- 233.706 Environmental Geographical Information Systems 30
- 233.707 Environmental Remote Sensing 30
- 233.708 Geochemistry 30
- 233.709 Advanced Sedimentology 30
- 233.710 Geology, Hazard and Society: Environmental Geology A 15 P 121.310, 121.311; R 233.766
- 233.711 Applied Environmental Geology: Environmental Geology B 15 P 121.310, 121.311; R 233.766
- 233.721 Global Climate Change 15 P 145.320 or 233.310; R 145.704, 233.702
- 233.722 Advanced Quaternary Geology 15 P 233.310, R 233.702
- 233.799 Research Report 30
- 247.782 Special Topic 15
- 247.783 Special Topic 15

Subject courses:

- 234.716 Advanced Physical Conditioning 30 R 234.705 and 152.719
- 234.717 Advanced Exercise Prescription for Musculoskeletal Conditions 15
- 234.718 Advanced Exercise Prescription for Cardiopulmonary Conditions 30
- 234.719 Advanced Topics in Clinical Exercise, Health and Disease 30
- 234.720 Skeletal Muscle Metabolism 15 R 234.702
- 234.721 Muscle Mechanics 15 R 234.751, 234.701
- 234.722 Advanced Biomechanics 15 R 234.753 and 234.704
- 234.723 Advanced Topics in Exercise Science 15
- 234.790 Special Topic 15
- 234.791 Special Topic 15
Part Two
120 credits from:

234.899 Thesis 120
234.897 Thesis 120 Credit Part 1 60
234.898 Thesis 120 Credit Part 2 60

OR
At least 60 credits from:

234.875 Thesis 90
234.871 Thesis 90 Credit Part 1 45
234.872 Thesis 90 Credit Part 2 45

Genetics
Part One (at least 60 credits)
Compulsory courses (60 credits):

162.760 Research Methods and Communication in the Biosciences 30 R 162.750

203.762 Genetic Analysis 30 P One of 122.303, 203.300, 203.305, 203.307, 203.340, 203.342, 203.343

Subject courses:

120.715 Advanced Topics in Evolutionary Genetics 30 P One of 120.3xx or 203.3xx or 196.3xx
122.703 Gene Expression 30 P One of 122.303, 203.342, 203.340
122.713 Advanced Topics in Biochemistry 15 P One of 122.303, 122.322, 122.327, 123.326, 203.300, 203.307, 203.340, 203.342
161.744 Statistical Genetics 15
203.761 Molecular Evolution 15
247.782 Special Topic 15
247.783 Special Topic 15

Part Two
120 credits from:

234.899 Thesis 120
234.897 Thesis 120 Credit Part 1 60
234.898 Thesis 120 Credit Part 2 60

OR
At least 60 credits from:

234.875 Thesis 90
234.871 Thesis 90 Credit Part 1 45
234.872 Thesis 90 Credit Part 2 45

Geography
Part One (at least 60 credits)
At least 60 credits from:

145.730 Applied Coastal Geomorphology 15 R 145.705
145.731 Applied Fluvial Geomorphology 15 R 145.705
145.732 Landslide Investigation and Management 15 R 145.705
145.734 Palaeoecology, Palynology and Biogeography 15 R 145.704
145.735 Detecting Geomorphic Change 15 R 145.702
145.736 Advanced Physical Geography Techniques 15 R 145.702
233.706 Environmental Geographical Information Systems 30
233.707 Environmental Remote Sensing 30
233.721 Global Climate Change 15 P 145.320 or 233.310, R 145.704, 233.702

Subject courses:

145.707 Economic Geography 30
145.710 Consumption and Place 30
145.711 Foundations in Human Geography 30 R 145.706
145.712 Frontiers in Human Geography 30 R 145.701
145.798 Research Report (60) 60
145.799 Research Report (30) 30

Part Two
120 credits from:

145.899 Thesis 120
145.897 Thesis 120 Credit Part 1 60
145.898 Thesis 120 Credit Part 2 60

OR
At least 60 credits from:

145.875 Thesis 90
145.871 Thesis 90 Credit Part 1 45
145.872 Thesis 90 Credit Part 2 45 R 145.871
145.870 Research Report 60

Horticultural Science
Part One (at least 60 credits)
At least 15 credits from:

119.728 Research Practice 15
119.729 Research Methods 15
233.706 Environmental Geographical Information Systems 30 R 162.750

Subject courses:

119.791 Special Topic 15
119.792 Special Topic 15
122.703 Gene Expression 30 P One of 122.303, 203.342, 203.340
171.798 Research Report MSc 30
247.790 Special Topic Applied Statistics 15
247.791 Special Topic Data Analysis 15
283.707 Plant Breeding 30 P One of 120.3xx, 283.305, 284.301 or 284.342; R 171.742
284.703 Vegetable Production Science 15 R 171.722; 171.724; 284.701; 284.702
284.704 Fruit Production Science 15 R 171.722; 171.724; 284.701; 284.702
284.741 Post-harvest Physiology 30 R 171.749

Part Two
120 credits from:

171.899 Thesis 120
171.897 Thesis 120 Credit Part 1 60
171.898 Thesis 120 Credit Part 2 60 C 171.897

OR
At least 60 credits from:

171.875 Thesis 90
171.871 Thesis 90 Credit Part 1 45
171.872 Thesis 90 Credit Part 2 45 C 171.871
171.887 Research Report 60
### Human Nutrition

#### Part One (at least 60 credits)

**Compulsory courses (60 credits):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>151.708</td>
<td>Nutritional Research Methods</td>
<td>15</td>
</tr>
<tr>
<td>151.709</td>
<td>Biometrics for the Animal and Nutritional Sciences</td>
<td>15</td>
</tr>
<tr>
<td>151.718</td>
<td>Advanced Topics in Macronutrient Nutrition</td>
<td>15 R 151.742</td>
</tr>
<tr>
<td>151.719</td>
<td>Advanced Topics in Micronutrient Nutrition</td>
<td>15 R 151.742</td>
</tr>
</tbody>
</table>

**Subject courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>151.704</td>
<td>Human Nutrition</td>
<td>15 C 151.718 or 151.719</td>
</tr>
<tr>
<td>151.707</td>
<td>Food Technology/Nutrition Interface</td>
<td>15</td>
</tr>
<tr>
<td>151.712</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>151.713</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>151.715</td>
<td>Advanced Sports Nutrition</td>
<td>15 P 151.332, 151.346</td>
</tr>
<tr>
<td>151.716</td>
<td>Advanced Nutrition and Disease</td>
<td>15 P 151.333, 151.345</td>
</tr>
<tr>
<td>151.717</td>
<td>Selected Topics in Public Health Nutrition</td>
<td>15</td>
</tr>
</tbody>
</table>

#### Part Two

At least 90 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>151.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>151.897</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>151.898</td>
<td>Thesis 120 Credit Part 2</td>
<td>60 C 151.897</td>
</tr>
<tr>
<td>151.875</td>
<td>Thesis</td>
<td>90</td>
</tr>
<tr>
<td>151.871</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>151.872</td>
<td>Thesis 90 Credit Part 2</td>
<td>45 C 151.871</td>
</tr>
</tbody>
</table>

### Mathematics

#### Part One (at least 60 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.702</td>
<td>Advanced Algebra</td>
<td>15 P 160.302</td>
</tr>
<tr>
<td>160.703</td>
<td>Advanced Analysis</td>
<td>15 P 160.301</td>
</tr>
<tr>
<td>160.704</td>
<td>Studies in Theoretical Mathematics</td>
<td>15 P 160.301 and 160.302</td>
</tr>
<tr>
<td>160.715</td>
<td>Advanced Computational Methods</td>
<td>15 P 160.211 and 160.318</td>
</tr>
<tr>
<td>160.733</td>
<td>Methods of Applied Mathematics</td>
<td>15 P 160.301 and 160.318</td>
</tr>
<tr>
<td>160.737</td>
<td>Studies in Mathematical Physics</td>
<td>15 P Two of 160.301, 160.302, 160.318, 124.332</td>
</tr>
<tr>
<td>160.783</td>
<td>Mathematics Project</td>
<td>30</td>
</tr>
<tr>
<td>247.782</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>247.783</td>
<td>Special Topic</td>
<td>15</td>
</tr>
</tbody>
</table>

#### Part Two

120 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>160.897</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>160.898</td>
<td>Thesis 120 Credit Part 2</td>
<td>60 C 160.897</td>
</tr>
</tbody>
</table>

OR

At least 60 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.875</td>
<td>Thesis</td>
<td>90</td>
</tr>
<tr>
<td>160.871</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>160.872</td>
<td>Thesis 90 Credit Part 2</td>
<td>45 C 160.871</td>
</tr>
<tr>
<td>160.870</td>
<td>Research Report</td>
<td>60</td>
</tr>
</tbody>
</table>

### Medical Laboratory Science

#### Part One (90 credits)

**Compulsory courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>202.781</td>
<td>Current Topics in Medical Laboratory Science</td>
<td>30</td>
</tr>
</tbody>
</table>

60 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>152.742</td>
<td>Health Systems Management</td>
<td>30 R 250.742</td>
</tr>
<tr>
<td>152.743</td>
<td>Health Policy</td>
<td>30 R 250.743</td>
</tr>
<tr>
<td>152.746</td>
<td>Contemporary Issues in Health Service Management</td>
<td>30 R 250.746</td>
</tr>
<tr>
<td>231.701</td>
<td>Theory and Practice of Public Health</td>
<td>30</td>
</tr>
<tr>
<td>247.790</td>
<td>Special Topic in Applied Statistics</td>
<td>15</td>
</tr>
<tr>
<td>247.791</td>
<td>Special Topic in Data Analysis</td>
<td>15</td>
</tr>
<tr>
<td>287.733</td>
<td>Quality Management for Medical Laboratories</td>
<td>30 R 143.796, 287.730</td>
</tr>
</tbody>
</table>

#### Part Two

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>202.899</td>
<td>Research Project</td>
<td>45</td>
</tr>
</tbody>
</table>

### Microbiology

#### Part One (at least 60 credits)

**Compulsory courses (60 credits):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>162.704</td>
<td>Current Topics in Microbiology</td>
<td>30 P Two of 141.311, 162.301, 162.303, 162.304, 162.307, 162.312 or 203.300, R 162.702</td>
</tr>
<tr>
<td>162.760</td>
<td>Research Methods and Communication in the Biosciences</td>
<td>30 R 162.750</td>
</tr>
</tbody>
</table>

**Subject courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>162.798</td>
<td>Research Report</td>
<td>30 P Two of 141.311, 162.301, 162.303, 162.304, 162.307, 162.312 or 203.300</td>
</tr>
<tr>
<td>122.703</td>
<td>Gene Expression</td>
<td>30 P One of 122.303, 203.342, 203.340</td>
</tr>
<tr>
<td>122.704</td>
<td>Molecular Cell Biology</td>
<td>30 P One of 122.322, 122.327, 123.326, 203.307, 203.340, 203.342, 162.312, 194.346</td>
</tr>
<tr>
<td>122.713</td>
<td>Advanced Topics in Biochemistry</td>
<td>15 P One of 122.303, 122.322, 122.327, 123.326, 203.307, 203.340, 203.342, 203.343</td>
</tr>
<tr>
<td>203.761</td>
<td>Molecular Evolution</td>
<td>15</td>
</tr>
<tr>
<td>247.712</td>
<td>Advanced Topics in Molecular Biology</td>
<td>30 P One of 122.303, 122.322, 122.327, 123.326, 203.307, 203.340, 203.342, 203.343</td>
</tr>
<tr>
<td>247.782</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>247.783</td>
<td>Special Topic</td>
<td>15</td>
</tr>
</tbody>
</table>

#### Part Two

120 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>162.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>162.897</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>162.898</td>
<td>Thesis 120 Credit Part 2</td>
<td>60 C 162.897</td>
</tr>
</tbody>
</table>

OR

At least 60 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>162.875</td>
<td>Thesis</td>
<td>90</td>
</tr>
<tr>
<td>162.871</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>162.872</td>
<td>Thesis 90 Credit Part 2</td>
<td>45 C 162.871</td>
</tr>
<tr>
<td>162.870</td>
<td>Research Report</td>
<td>60</td>
</tr>
</tbody>
</table>

### Nanoscience

#### Part One (at least 60 credits)

**Subject courses:**

An approved selection of 700-level courses from the 122, 123, 124 prefixes.
### Part Two

120 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>236.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>236.897</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>236.898</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C 236.897</td>
</tr>
</tbody>
</table>

OR

At least 60 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>236.875</td>
<td>Thesis</td>
<td>90</td>
</tr>
<tr>
<td>236.871</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>236.872</td>
<td>Thesis 90 Credit Part 2</td>
<td>45</td>
</tr>
<tr>
<td>236.870</td>
<td>Research Report</td>
<td>60</td>
</tr>
</tbody>
</table>

### Nutrition and Dietetics

#### Part One (150 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>151.717</td>
<td>Selected Topics in Public Health Nutrition</td>
<td>15</td>
</tr>
<tr>
<td>151.741</td>
<td>Research Methods and Statistics for Dietetics</td>
<td>15</td>
</tr>
<tr>
<td>151.742</td>
<td>Nutrients for Health and Disease</td>
<td>15</td>
</tr>
<tr>
<td>151.743</td>
<td>Foodservice Management</td>
<td>15</td>
</tr>
<tr>
<td>151.744</td>
<td>Clinical Dietetics 1</td>
<td>15</td>
</tr>
<tr>
<td>151.745</td>
<td>Clinical Dietetics 2</td>
<td>15</td>
</tr>
<tr>
<td>151.746</td>
<td>Communications in Dietetic Practice</td>
<td>15</td>
</tr>
<tr>
<td>151.750</td>
<td>Professional Dietetic Practice</td>
<td>45</td>
</tr>
</tbody>
</table>

#### Part Two (90 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>151.895</td>
<td>Thesis</td>
<td>90</td>
</tr>
<tr>
<td>151.891</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>151.892</td>
<td>Thesis 90 Credit Part 2</td>
<td>45</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C 151.891</td>
</tr>
</tbody>
</table>

### One Health

#### Part One

Compulsory courses (30 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>117.731</td>
<td>Principles of Epidemiology</td>
<td>15</td>
</tr>
<tr>
<td>117.732</td>
<td>Epidemiological Techniques for Disease Investigation</td>
<td>15</td>
</tr>
</tbody>
</table>

Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>117.735</td>
<td>Disease Surveillance Systems Design and Evaluation</td>
<td>15</td>
</tr>
<tr>
<td>117.736</td>
<td>Management of Disease in Populations</td>
<td>15</td>
</tr>
<tr>
<td>117.737</td>
<td>Disease Control Policy and Economic Evaluation</td>
<td>15</td>
</tr>
</tbody>
</table>

#### Part Two

At least 45 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>117.831</td>
<td>Research Report (One Health)</td>
<td>45</td>
</tr>
<tr>
<td></td>
<td></td>
<td>R 117.832</td>
</tr>
<tr>
<td>117.832</td>
<td>Research Report (One Health)</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td></td>
<td>R 117.831</td>
</tr>
</tbody>
</table>

### Physics

#### Part One (at least 60 credits)

Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>124.712</td>
<td>Condensed Matter Physics</td>
<td>15</td>
</tr>
<tr>
<td>124.721</td>
<td>Quantum Mechanics and Group Theory</td>
<td>15</td>
</tr>
<tr>
<td>124.722</td>
<td>Relativistic Quantum Mechanics and Field Theory</td>
<td>15</td>
</tr>
<tr>
<td>124.761</td>
<td>Topics in Statistical Physics and Random Processes</td>
<td>15</td>
</tr>
<tr>
<td>124.762</td>
<td>Chemical Physics</td>
<td>15</td>
</tr>
<tr>
<td>124.798</td>
<td>Research Report</td>
<td>30</td>
</tr>
<tr>
<td>247.782</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>247.783</td>
<td>Special Topic</td>
<td>15</td>
</tr>
</tbody>
</table>

#### Part Two

120 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>124.899</td>
<td>Thesis MSc</td>
<td>120</td>
</tr>
<tr>
<td>124.897</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>124.898</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C 124.897</td>
</tr>
</tbody>
</table>

OR

At least 60 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>124.875</td>
<td>Thesis</td>
<td>90</td>
</tr>
<tr>
<td>124.871</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>124.872</td>
<td>Thesis 90 Credit Part 2</td>
<td>45</td>
</tr>
<tr>
<td>124.870</td>
<td>Research Report</td>
<td>60</td>
</tr>
</tbody>
</table>

### Physiology

#### Part One (at least 60 credits)

At least 15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>119.728</td>
<td>Research Practice</td>
<td>15</td>
</tr>
<tr>
<td>119.729</td>
<td>Research Methods</td>
<td>15</td>
</tr>
<tr>
<td>162.760</td>
<td>Research Methods and Communication in the Biosciences</td>
<td>30</td>
</tr>
</tbody>
</table>

Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>194.703</td>
<td>Neurophysiology and Neuroendocrinology</td>
<td>30</td>
</tr>
<tr>
<td>194.704</td>
<td>Reproductive Physiology</td>
<td>30</td>
</tr>
<tr>
<td>194.705</td>
<td>Digestive Physiology</td>
<td>30</td>
</tr>
<tr>
<td>194.707</td>
<td>Perinatal Physiology</td>
<td>30</td>
</tr>
<tr>
<td>194.709</td>
<td>Conservation Endocrinology and Reproductive Biology</td>
<td>30</td>
</tr>
<tr>
<td>194.731</td>
<td>Animal Welfare Science</td>
<td>30</td>
</tr>
<tr>
<td>194.732</td>
<td>Advanced Cell Physiology</td>
<td>30</td>
</tr>
<tr>
<td>194.799</td>
<td>Research Report</td>
<td>30</td>
</tr>
<tr>
<td>247.782</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>247.783</td>
<td>Special Topic</td>
<td>15</td>
</tr>
</tbody>
</table>

#### Part Two

120 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>194.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>194.897</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>194.898</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C 194.897</td>
</tr>
</tbody>
</table>

OR

At least 60 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>194.875</td>
<td>Thesis</td>
<td>90</td>
</tr>
<tr>
<td>194.871</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>194.872</td>
<td>Thesis 90 Credit Part 2</td>
<td>45</td>
</tr>
<tr>
<td>194.870</td>
<td>Research Report</td>
<td>60</td>
</tr>
</tbody>
</table>

### Plant Biology

#### Part One (at least 60 credits)

Compulsory courses (60 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>162.760</td>
<td>Research Methods and Communication in the Biosciences</td>
<td>30</td>
</tr>
<tr>
<td>120.713</td>
<td>Advanced Topics in Plant Biology</td>
<td>30</td>
</tr>
</tbody>
</table>

Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>120.714</td>
<td>Botanical Evolution</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td></td>
<td>P 120.3xx; R 120.711</td>
</tr>
</tbody>
</table>
120.715 Advanced Topics in Evolutionary Genetics 30
120.798 Research Report 30 P 120.3xx or 203.3xx or 196.3xx
122.703 Gene Expression 30 P One of 122.303, 203.342, 203.340
122.704 Molecular Cell Biology 30 P One of 122.322, 122.327, 123.326, 203.307, 203.340, 203.342, 162.312, 194.348
162.704 Current Topics in Microbiology 30 P Two of 141.311, 162.301, 162.303, 162.304, 162.307, 162.312 or 203.300; R 162.702
203.761 Molecular Evolution 15
247.712 Advanced Topics in Molecular Biology 30 P One of 122.303, 122.322, 122.327, 123.326, 194.346, 203.300, 203.303, 203.340, 203.341, 203.342, 203.343
247.782 Special Topic 15
247.783 Special Topic 15

Part Two
120 credits from:
120.899 Thesis 120
120.897 Thesis 120 Credit Part 1 60
120.898 Thesis 120 Credit Part 2 60 C 120.897

OR
At least 60 credits from:
120.875 Thesis 90
120.871 Thesis 90 Credit Part 1 45
120.872 Thesis 90 Credit Part 2 45 C 120.871
120.870 Research Report 60

Plant Breeding
Part One (at least 60 credits)
At least 30 credits from:
119.728 Research Practice 15
151.709 Biometrics for the Animal and Nutritional Sciences 15
162.760 Research Methods and Communication in the Biosciences 30 R 162.750

Subject courses (at least 30 credits):
283.707 Plant Breeding 30 P One of 120.3xx, 283.305, 284.301, 284.342; R 171.742
283.708 Quantitative Plant Breeding 30 P One of 120.3xx, 283.305, 284.301, 284.342; R 171.754
120.798 Research Report 30 P 120.3xx
171.798 Research Report MSc 30

Part Two
120 credits of either 120.8xx or 171.8xx courses from:
120.899 Thesis 120
120.897 Thesis 120 Credit Part 1 60
120.898 Thesis 120 Credit Part 2 60 C 120.897
171.899 Thesis 120
171.897 Thesis 120 Credit Part 1 60
171.898 Thesis 120 Credit Part 2 60 C 171.897

OR
At least 60 credits of either 120.8xx or 171.8xx courses from:
120.875 Thesis 90
120.871 Thesis 90 Credit Part 1 45
120.872 Thesis 90 Credit Part 2 45 C 120.871
120.870 Research Report 60
171.875 Thesis 90

Psychology
Part One (120 credits)
Compulsory course (15 credits):
175.738 Psychological Research: Principles of Design 15

Subject courses:
175.718 Postmodernism and Psychology 15
175.719 Applied Criminal Psychology 15
175.720 Advanced Psychology of Women 15
175.721 Child and Family Therapy 15
175.722 Principles of Clinical Neuropsychology 15
175.724 Advanced Experimental Psychology 30 P 175.203 and either 175.205 or 175.206
175.725 Advanced Social Psychology 30
175.729 Psychology and Culture 15
175.730 Professional Practice in Psychology 15
175.732 Psychological Well-being in Organisations 15
175.733 Sustainable Livelihood 15
175.734 Child Clinical Neuropsychology 15
175.737 Occupational Psychology 15
175.739 Health Psychology: Understanding Health and Illness 15
175.740 Occupational Health Psychology 15
175.741 Psychological Assessment in Organisations 15
175.743 Health Psychology: The Social Context 15
175.744 Health Psychology: Promoting Health 15
175.746 Psychological Research: Multivariate Data Analysis 15
175.747 The Psychology of Sport and Exercise 15
175.748 The Psychology of Organisational Change 15
175.751 Neuropsychological Rehabilitation 15
175.761 Theory and Practice of Cognitive Behaviour Therapy 15
175.781 Clinical Psychopathology 15
175.782 Clinical Psychology Assessment 15
175.783 Clinical Psychology Interventions 15

Part Two (120 credits)
175.899 Thesis 120
175.894 Thesis 120 Credit Part 1 60
175.896 Thesis 120 Credit Part 2 60 C 175.894

Psychology with endorsement in Health Psychology
Part One (120 credits)
Compulsory courses (30 credits):
175.738 Psychological Research: Principles of Design 15
175.749 Health Psychology Practicum 15 C At least two of 175.744, 175.743 and 175.739; R 175.879

At least 30 credits from:
175.739 Health Psychology: Understanding Health and Illness 15
### Subject courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.743</td>
<td>Health Psychology: The Social Context</td>
<td>15</td>
</tr>
<tr>
<td>175.744</td>
<td>Health Psychology: Promoting Health</td>
<td>15</td>
</tr>
</tbody>
</table>

### Part One (at least 60 credits)

#### Soil Science

**Part One (at least 60 credits)**

**Subject courses:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>119.710</td>
<td>Nutrient Management in Grazed Pasture Systems</td>
<td>30</td>
</tr>
<tr>
<td>119.711</td>
<td>Nutrient Management in Arable Systems</td>
<td>15</td>
</tr>
<tr>
<td>119.791</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>119.792</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>189.752</td>
<td>Advanced Soil Fertility</td>
<td>30</td>
</tr>
<tr>
<td>189.753</td>
<td>Soil and Land Evaluation</td>
<td>30</td>
</tr>
<tr>
<td>189.755</td>
<td>Soil and Water Pollution</td>
<td>30</td>
</tr>
<tr>
<td>189.757</td>
<td>Advanced Soil Conservation</td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>189.758</td>
<td>Advanced Soil Water Management</td>
<td>15</td>
</tr>
<tr>
<td>189.798</td>
<td>Research Report</td>
<td>30</td>
</tr>
<tr>
<td>233.701</td>
<td>Advanced Pedology</td>
<td>30</td>
</tr>
<tr>
<td>233.705</td>
<td>Volcanology and Tephrochronology</td>
<td>30</td>
</tr>
<tr>
<td>233.706</td>
<td>Environmental Geographical Information Systems</td>
<td>30</td>
</tr>
<tr>
<td>233.707</td>
<td>Environmental Remote Sensing</td>
<td>30</td>
</tr>
<tr>
<td>233.708</td>
<td>Geochemistry</td>
<td>30</td>
</tr>
<tr>
<td>233.721</td>
<td>Global Climate Change</td>
<td>15</td>
</tr>
<tr>
<td>233.722</td>
<td>Advanced Quaternary Geology</td>
<td>15</td>
</tr>
</tbody>
</table>

**Part Two (120 credits)**

**Statistics**

### Part One (at least 60 credits)

**Compulsory course (15 credits):**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>161.705</td>
<td>Advanced Statistical Inference</td>
<td>15</td>
</tr>
</tbody>
</table>

### Subject courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>161.704</td>
<td>Bayesian Statistics</td>
<td>15</td>
</tr>
<tr>
<td>161.709</td>
<td>Topic in Statistical Theory</td>
<td>15</td>
</tr>
<tr>
<td>161.725</td>
<td>Statistical Quality Control</td>
<td>15</td>
</tr>
<tr>
<td>161.726</td>
<td>Extensions to the Linear Model</td>
<td>15</td>
</tr>
<tr>
<td>161.729</td>
<td>Topics in Applied Statistics</td>
<td>15</td>
</tr>
<tr>
<td>161.743</td>
<td>Statistical Reliability and Survival Analysis</td>
<td>15</td>
</tr>
<tr>
<td>161.744</td>
<td>Statistical Genetics</td>
<td>15</td>
</tr>
<tr>
<td>161.749</td>
<td>Topics in Applied Probability</td>
<td>15</td>
</tr>
<tr>
<td>161.770</td>
<td>Statistical Consulting</td>
<td>15</td>
</tr>
<tr>
<td>161.778</td>
<td>Biostatistics for Researchers</td>
<td>15</td>
</tr>
<tr>
<td>161.780</td>
<td>Statistical Analysis Project</td>
<td>15</td>
</tr>
<tr>
<td>161.782</td>
<td>Statistical Analysis Project</td>
<td>30</td>
</tr>
<tr>
<td>247.792</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>247.793</td>
<td>Special Topic</td>
<td>15</td>
</tr>
</tbody>
</table>

### Subject courses (maximum 15 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>161.762</td>
<td>Multivariate Analysis for Big Data</td>
<td>15</td>
</tr>
<tr>
<td>161.771</td>
<td>Analysis of Experiments for Researchers</td>
<td>15</td>
</tr>
<tr>
<td>161.772</td>
<td>Multivariate Analysis for Researchers</td>
<td>15</td>
</tr>
<tr>
<td>161.773</td>
<td>Regression for Researchers</td>
<td>15</td>
</tr>
<tr>
<td>161.776</td>
<td>Statistical Modelling for Researchers</td>
<td>15</td>
</tr>
<tr>
<td>161.777</td>
<td>Practical Data Mining</td>
<td>15</td>
</tr>
</tbody>
</table>

**Part Two (120 credits from:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>161.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>161.897</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>161.898</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
</tbody>
</table>
The Degree of Master of Social Work
MSW

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission
1. Admission to the Degree of Master of Social Work requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for the Bachelor of Social Work or Bachelor of Social Work with Honours or equivalent; or
   (c) have been awarded or qualified for the Postgraduate Diploma in Social Work or with a B grade average across all courses, or equivalent.

Qualification Requirements

2. Candidates for the Degree of Master of Social Work shall follow a parts-based programme of study, which shall consist of courses totalling at least 240 credits, comprising:
   (a) Part One and Part Two as prescribed in the Schedule to the qualification degree;
   and including:
   (b) courses selected from the Schedule to the Degree;
   (c) any compulsory courses listed in the Schedule to the Degree.

3. Notwithstanding Regulation 2, candidates admitted under regulation 1(c) shall follow of programme of study which shall consist of courses totalling at least 120 credits, comprising:
   (a) Part Two as prescribed in the Schedule to the Degree;
   and including:
   (b) the compulsory course 179.702, unless this course has already been completed as part of the qualifying postgraduate diploma.

Specialisations

4. The Degree of Master of Social Work is awarded without specialisation.

Student Progression

5. For progression to Part Two of the degree, candidates must have achieved a minimum of a B grade average over the courses completed in Part One.
6. The Degree of Master of Social Work may be awarded with or without a class of Honours.

Completion Requirements

7. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
8. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Social Work or the Postgraduate Certificate in Social Work should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

9. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions

10. All candidates commencing study towards the Degree of Master of Social Work on or after 1 January 2017 must satisfy the requirements specified in these regulations.
11. All candidates who commenced study towards the Degree of Master of Social Work prior in 2016 or earlier may be exempted from compliance with Regulation 5.
12. In all cases candidates must complete the qualification within the timeframes for completion as specified in the Completion Requirements.
13. These transition arrangements expire on 31 December 2021.

Schedule for the Master of Social Work

Part One

Compulsory courses (30 credits):
179.702 Advanced Research Methods 30

Elective courses:
179.736 Substance Misuse and Addictions 30
179.740 Social Service Supervision: Theory and Practice 30
179.741 Social Service Management 30
179.761 Current Issues and Theories in Social Service Practice 30
179.763 Clinical Practice 30
179.771 Child Welfare 30
179.742 Learning in Social Service Supervision 30
179.743 Clinical Supervision 30 P 179.740
179.773 Disability Studies 30
179.777 Disability, Consumer Rights and Advocacy 30
179.778 Mental Health and Social Work 30

Up to 30 credits at 700-level courses from the 194, 196, 232 prefixes.

Part Two

120 credits from:
199.899 Thesis 120
199.897 Thesis 120 Credit Part 1 60
199.898 Thesis 120 Credit Part 2 60 C 199.897

OR

At least 60 credits from:
199.875 Thesis 90
199.871 Thesis 90 Credit Part 1 45
199.872 Thesis 90 Credit Part 2 45 C 199.871
199.870 Research Report 60

Subject courses:
194.709 Conservation Endocrinology and Reproductive Biology 30
## Qualification Regulations

### Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

### Part II

#### Admission
1. Admission to the Master of Specialist Teaching requires that the candidate will meet the University admission requirements as specified; and shall have:
   (a) been awarded or qualified for any degree of a New Zealand university with a B grade average across the 300-level courses, or equivalent; and
   (b) been awarded or qualified for a relevant professional qualification; and
   (c) have completed at least two years of relevant professional experience; or will have:
   (d) been awarded or qualified for the Postgraduate Diploma in Specialist Teaching or equivalent, with at least a B grade average.
2. In all cases candidates will be required to:
   (a) be selected on the basis of a selection process which may include written application, interview, referee reports and practical exercises; and
   (b) meet requirements equivalent to those set down by the Education Council of Aotearoa New Zealand for registration as a teacher in terms of character and fitness to be a teacher, and will:
   (c) hold current New Zealand Professional Registration; or
   (d) be required to undergo police vetting prior to gaining entry into the programme.
3. All candidates whose first language is not English, who have not gained a New Zealand university entrance qualification or an overseas entrance qualification in a country where the main language is English, will be required to provide evidence of their proficiency in English in the form of an academic IELTS (International English Language Testing System) score of 7.0 with no band less than 7.0 or other evidence that is acceptable to Academic Board.
4. Candidates for the Master of Specialist Teaching shall follow a parts-based programme of study, which shall consist of courses totalling at least 180 credits, comprising:
   (a) completion of Part One and Part Two as detailed in the Schedule for the Qualification; and including
   (b) any compulsory courses as listed in the Schedule for the Qualification.
5. Notwithstanding Regulation 4, the programme of study for candidates admitted under Regulation 1(d) will be at least 120 credits including:
   (a) Part Two as detailed in the Schedule for the Qualification; and
   (b) At least 75 credits at 700 level from courses listed in the Schedule for the Qualification, including 249.770.
6. Where a course listed in the Schedule for the Qualification is substantially similar to a course that has been completed as part of the Postgraduate Diploma considered for entry under Regulation 1(d), the listed course may not be included in the candidate’s programme of study.

#### Specialisations
7. The requirements for each subject are set out in the Schedule for the Qualification.
8. Subject specialisations available for the Master of Specialist Teaching are: Autism Spectrum Disorder, Blind and Low Vision, Complex Educational Needs, Gifted and Talented, Learning and Behaviour.
9. A candidate admitted under Regulation 1(d) will complete the Master of Specialist Teaching without a specialisation.

#### Student Progression
10. In cases of sufficient merit, the Degree of Master of Specialist Teaching may be awarded with Distinction or Merit.
11. For progression to Part Two of the Master of Specialist Teaching candidates must have maintained a grade average of at least a B over the first 120 credits undertaken for Part One.

#### Completion Requirements
12. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
13. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes. Candidates who do not meet the requirements for progression from Part One to Part Two, or who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Specialist Teaching or the Postgraduate Diploma in Specialist Teaching, should they meet the relevant Qualification requirements.

#### Unsatisfactory Academic Progress
14. The general Unsatisfactory Academic Progress regulations will apply.

## Schedule for the Master of Specialist Teaching

### Part One (135 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>254.765</td>
<td>Core Theory and Foundations of Specialist Teaching</td>
<td>30</td>
</tr>
<tr>
<td>249.770</td>
<td>Supervision and Mentoring in Specialist Teaching</td>
<td>15</td>
</tr>
<tr>
<td>249.771</td>
<td>Additional Areas of Specialist Teaching</td>
<td>15</td>
</tr>
</tbody>
</table>

### Subject courses:

#### Autism Spectrum Disorder (90 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>249.745</td>
<td>Theory and Foundations of Autism Spectrum Disorder</td>
<td>30</td>
</tr>
<tr>
<td>249.749</td>
<td>Evidence-based Interprofessional Practice in Autism Spectrum Disorder</td>
<td>30</td>
</tr>
<tr>
<td>249.750</td>
<td>Practicum Autism Spectrum Disorder</td>
<td>30</td>
</tr>
</tbody>
</table>

#### Blind and Low Vision (90 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>249.700</td>
<td>Braille Proficiency</td>
<td>0</td>
</tr>
<tr>
<td>249.746</td>
<td>Theory and Foundations of Blind and Low Vision Education</td>
<td>30</td>
</tr>
</tbody>
</table>
The Degree of Master of Speech and Language Therapy

MSpChLangTher

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Degree of Master of Speech and Language Therapy requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for the Bachelor of Speech and Language Therapy or equivalent having achieved at least a B grade average; or
   (c) have been awarded or qualified for the Bachelor of Speech and Language Therapy (Honours) or equivalent having achieved at least a B grade average.

Qualification Requirements

2. Candidates for the Degree of Master of Speech and Language Therapy shall follow a parts-based programme of study, which shall consist of courses totalling at least 240 credits, comprising Part One and Part Two as specified in the Schedule to the qualification.

3. Notwithstanding Regulation 2, the programme of study for candidates admitted under Regulation 1(c) will consist of Part Two as detailed in the Schedule for the Qualification.

Specialisations

4. The Degree of Master of Speech and Language Therapy is awarded without specialisation.

Student Progression

5. For progression to Part Two in the Degree of Master of Speech and Language Therapy, candidates must have achieved a B grade average in the Part One courses.

6. In cases of sufficient merit, the Degree of Master of Speech and Language Therapy may be awarded with a class of Honours, Distinction or Merit in accordance with the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Completion Requirements

7. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

8. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Speech and Language Therapy or the Postgraduate Diploma in Speech and Language Therapy should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

9. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Master of Speech and Language Therapy

Part One (120 credits)

- 271.710 Evidenced-Based Practice in Speech and Language Therapy 30
- 271.711 Critical and Current Issues in Speech and Language Therapy 30
- 271.712 Theoretical Issues in Speech and Language Therapy 30
- 267.781 Research Methods in Professional Practice 30 \( R \) 271.713

Part Two (120 credits)

- 271.810 Thesis 120 \( R \) 186.810
- 271.808 Thesis 120 Credit Part 1 60
- 271.809 Thesis 120 Credit Part 2 60 \( C \) 271.808

The Degree of Master of Sport and Exercise

MSpEx

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Degree of Master of Sport and Exercise requires that the candidate will:
   (a) meet the University admission requirements as specified; and
Qualification Requirements

2. Candidates for the Degree of Master of Sport and Exercise shall follow a parts-based course of study, which shall consist of courses totalling at least 240 credits, comprising:
   (a) Parts One and Parts Two as specified in the Schedule for the qualification; and including:
   (b) any compulsory courses listed in the Schedule for the qualification;
   (c) a thesis of at least 90 credits;
   (d) attending contact workshops, block courses, field trips, studios, workshops, tutorials and laboratories as required.

3. Notwithstanding Regulation 2, the course of study for candidates admitted under Regulation 1(c) shall be 120 credits comprising:
   (a) a 120-credit thesis from Part Two as defined by the Schedule for the qualification; and including
   (b) attending contact workshops, block courses, field trips, studios, workshops, tutorials and laboratories as required.

4. Notwithstanding Regulation 2, the programme of study for candidates admitted under Regulation 1(d) shall be 120 credits, comprising:
   (a) a 120-credit thesis from Part Two as defined by the Schedule for the Qualification; or
   (b) a 90-credit thesis from Part Two as defined by the Schedule for the Qualification, and 30 credits from Part One, including at least 15 credits of research methods; and including
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations

5. The degree of Master of Sport and Exercise may be awarded with or without a subject.
6. Candidates may complete a subject by passing at least 90 credits in a subject. The requirements for each subject are set out in the Schedule for the Qualification.
7. Subjects available are Exercise Prescription and Training, Exercise Science, Physical Education, Sport Coaching, and Sport Management.

Student Progression

8. For progression from Part One to Part Two candidates must have achieved a minimum B grade average over Part One courses.
9. In cases of sufficient merit, the degree of Master of Sport and Exercise may be awarded with a class of Honours, in accordance with the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Completion Requirements

10. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
11. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Sport and Exercise or an equivalent qualification, with a minimum grade average of B.

Unsatisfactory Academic Progress

12. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Degree of Master of Sport and Exercise

Part One (120 credits)

Schedule A: Compulsory Course

(At least 15 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.771</td>
<td>Research Methods in Sport and Exercise</td>
<td>15</td>
</tr>
<tr>
<td>168.711</td>
<td>Health Research Design and Method</td>
<td>30 R 168.810 and 168.710</td>
</tr>
</tbody>
</table>

Schedule B: Part One Subject Requirements

Sport and Management (90 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.731</td>
<td>Advanced Sport in the Social Context</td>
<td>30 R 152.710</td>
</tr>
<tr>
<td>234.732</td>
<td>Advanced Sport Management</td>
<td>30 R 152.711</td>
</tr>
<tr>
<td>234.738</td>
<td>Advanced Sport Practicum</td>
<td>30 R 152.715</td>
</tr>
</tbody>
</table>

Exercise Science (90 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.716</td>
<td>Advanced Physical Conditioning</td>
<td>30 R 234.705 and 152.719</td>
</tr>
<tr>
<td>234.720</td>
<td>Skeletal Muscle Metabolism</td>
<td>15 R 234.702</td>
</tr>
<tr>
<td>234.721</td>
<td>Muscle Mechanics</td>
<td>15 R 234.751 and 234.701</td>
</tr>
<tr>
<td>234.722</td>
<td>Advanced Biomechanics</td>
<td>15 R 234.753 and 234.704</td>
</tr>
<tr>
<td>234.723</td>
<td>Advanced Topics in Exercise Science</td>
<td>15</td>
</tr>
</tbody>
</table>

Exercise Prescription and Training (105 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.717</td>
<td>Advanced Exercise Prescription for Musculoskeletal Conditions</td>
<td>15</td>
</tr>
<tr>
<td>234.718</td>
<td>Advanced Exercise Prescription for Cardiopulmonary Conditions</td>
<td>30</td>
</tr>
<tr>
<td>234.719</td>
<td>Advanced Topics in Clinical Exercise, Health and Disease</td>
<td>30</td>
</tr>
</tbody>
</table>

Physical Education (90 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.736</td>
<td>Advanced Sport Coaching</td>
<td>30 R 152.713</td>
</tr>
<tr>
<td>234.745</td>
<td>Advanced Application of Māori Perspectives to Health and Physical Education</td>
<td>30</td>
</tr>
<tr>
<td>274.707</td>
<td>Issues in Health and Physical Education</td>
<td>30</td>
</tr>
</tbody>
</table>

Part Two

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.881</td>
<td>Thesis Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>234.882</td>
<td>Thesis Credit Part 2</td>
<td>45 C 234.891</td>
</tr>
<tr>
<td>234.890</td>
<td>Thesis</td>
<td>90</td>
</tr>
<tr>
<td>234.887</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>234.888</td>
<td>Thesis 120 Credit Part 2</td>
<td>60 C 234.897</td>
</tr>
<tr>
<td>234.889</td>
<td>Thesis</td>
<td>120</td>
</tr>
</tbody>
</table>
The Degree of Master of Sport Management  
**MSpMgt**

Qualification Regulations

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

**Admission**

1. Admission to the Degree of Master of Sport Management requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for the Bachelor degree, or equivalent qualification, having achieved a grade average of at least a B- in the highest level courses; or
   (c) have been awarded or qualified for the Postgraduate Diploma in Sport Management or the Postgraduate Diploma in Sport and Exercise with an endorsement in Sport Management, having achieved a grade average of B.

Qualification Requirements

2. Candidates for the Degree of Master of Sport Management shall follow a parts-based programme of study, which shall consist of courses totalling at least 180 credits comprising Part One and Part Two as defined by the Schedule to the Degree, and including:
   (a) a Professional Practice course of 60 credits;
   (b) any compulsory courses identified in the Schedule to the Degree;
   (c) attending field trips, studios, workshops, tutorials, and laboratories as required.

3. Notwithstanding Regulation 2, the programme of study for candidates admitted under regulation 1(c) will comprise 120 credits including:
   (a) Part One: 152.707 and 152.752;
   (b) Part Two: 234.832.

**Specialisation**

4. The Degree of Master of Sport Management is awarded without Specialisation.

Student Progression

5. For progression from Part One to Part Two, candidates must have achieved a Grade Average of at least B over 120 credits of the Part One courses, including the compulsory courses.

6. In cases of sufficient merit, the Degree of Master of Sport Management may be awarded with Distinction or Merit.

Completion Requirements

7. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

8. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes. Candidates who do not meet the requirements for progression from Part One to Part Two, or who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Sport Management should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

9. The general Unsatisfactory Academic progress regulations will apply.

Schedule for the Degree of Master of Sport Management

**Part I**

Compulsory courses (120 credits):

- 152.707 Leading and Changing Organisations 30 R 152.705, 152.709
- 152.752 Project Management 30
- 234.731 Advanced Sport in the Social Context 30 R 152.710
- 234.732 Advanced Sport Management 30 R 152.711

**Part II (60 credits)**

- 234.832 Professional Practice in Sport Management 60

---

The Degree of Master of Supply Chain Management  
**MSCM**

Qualification Regulations

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

**Admission**

1. Admission to the Master of Supply Chain Management requires that the candidate
   (a) meets the University admission requirements as specified and shall have:
   (b) been awarded or qualified for a university Bachelor’s degree with a major in Logistics and Supply Chain Management, or an equivalent qualification, having achieved a B+ grade average or higher, over the qualifying 300-level courses, and have completed a minimum of five years of relevant professional experience, or equivalent for entry into the Thesis Pathway; or
   (c) been awarded or qualified for a Bachelor’s degree, having achieved a B+ grade average or higher, over the qualifying 300-level courses, and have completed a minimum of five years of relevant professional experience, or equivalent; or
   (d) been awarded or qualified for a Postgraduate Diploma in Logistics and Supply Chain Management, or an equivalent qualification, having achieved a B grade average or higher for entry into the Professional Pathway; or
   (e) been awarded or qualified for a university Bachelor’s degree with a major in Logistics and Supply Chain Management, or an equivalent qualification, having achieved a B+ grade average or higher, over the qualifying 300-level courses, and have completed a minimum of five years of relevant professional experience, or equivalent for entry into the Thesis Pathway; or
   (f) been awarded or qualified for a four year Bachelor’s degree with Honours with a major in Logistics and Supply Chain Management, or equivalent qualification(s), having achieved a B+ grade average or higher, over the highest level courses for entry into the Thesis Pathway; or
   (g) been awarded or qualified for the Postgraduate Diploma in Logistics and Supply Chain Management, or an equivalent qualification, having achieved a B+ grade average or higher for entry into the Thesis Pathway.

Qualification Requirements

2. Candidates for the Degree of Master of Supply Chain Management shall follow a parts-based programme of study, which shall consist of courses totalling at least 180 credits, comprising:
   (a) completion of Part One and Part Two as defined by the Schedule of the Degree;
   (b) courses selected from the Schedule to the Degree; and
   (c) any Compulsory Courses listed in the Schedule to the Degree;
3. Notwithstanding Regulation 2, the programme of study for candidates admitted under Regulation 1(d) shall consist of courses totalling at least 120 credits from courses listed in the schedule, including:
   (a) Part Two (Professional Pathway); and
   (b) up to 60 credits from Part One courses listed in the Schedule; and including:
   (c) attending field trips, studios, workshops, tutorials, and laboratories as required.
4. Notwithstanding Regulation 2, the programme of study for candidates admitted under Regulations 1(e) or 1(f) or 1(g) shall consist of courses totalling at least 120 credits, comprising:
   (a) 240.758 and Part Two only (thesis pathway); and including:
   (b) attending field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
5. The Degree of Master of Supply Chain Management is awarded without specialisations.

Student Progression
6. For progression from Part One to Part Two (thesis pathway), candidates must have achieved a Grade Average of A- or higher over the first 60 credits undertaken for Part One, which must include 240.752, 240.753 and one of 240.754, 240.756 or 240.757, and must achieve a minimum B grade in 240.758.
7. For Progression from Part One to Part Two (professional pathway), candidates must have achieved a Grade Average of B or higher over the first 60 credits undertaken for Part One, which must include 240.752, 240.753 and one of 240.754, 240.756 or 240.757, and must achieve a minimum B grade in 240.758.
8. In cases of sufficient merit, the Degree of Master of Supply Chain Management may be awarded with Distinction or Merit.

Completion Requirements
9. The timetables for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
10. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timetables; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Logistics and Supply Chain Management should they meet the relevant Qualification requirements.

Qualification Regulations
Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Master of Teaching and Learning requires that the candidate will:
   (a) meet the University admission requirements as specified; and shall:
   (b) have been awarded or qualified for a Bachelor’s degree of at least 360 credits with a minimum of a B+ grade average across the 200- and 300-level courses, or equivalent; and
   (c) have demonstrated competence in literacy and numeracy; and
   (d) have achieved an Academic Version IELTS score of at least 7.5 with no component less than 7.0 within the preceding two years, if English is not the applicant’s first language; and
   (e) meet the requirements for registration as set down by the New Zealand Teachers Council, in terms of good character and fitness to be a teacher; and
   (f) have been selected on the basis of a selection process which may include a written application, Police Vetting report, interview, referee reports and practical exercises.
2. Admission to the Master of Teaching and Learning (Secondary Education) requires that candidates will:
   (a) meet the requirements specified in Regulation 1; and shall:
   (b) have completed approved courses to New Zealand Qualifications Framework Level 7 or Level 8 in at least one subject that is appropriate for teaching the New Zealand Secondary School Curriculum.

Qualification Requirements
3. Candidates for the Master of Teaching and Learning shall follow a fixed programme of study, which shall consist of courses totalling at least 180 credits, comprising:
   (a) the core courses listed in Part I of the Schedule for the Qualification;
(b) completion of a subject;
(c) attending professional practice and community placements, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
4. Candidates must complete a subject by passing at least 60 credits in that subject. The requirements for each subject are set out in Part B of the Schedule for the Qualification.

5. The subjects available for the Master of Teaching and Learning are:
   - Primary Education, Secondary Education.

Academic Requirements
6. Every candidate for the Master of Teaching and Learning shall perform to the satisfaction of the Pro Vice-Chancellor or their delegate a total of at least 900 hours of supervised professional practice and community placements, in accordance with the requirements of each course.

Student Progression
7. Massey University may cancel or refuse to permit the enrolment of a candidate in the Master of Teaching and Learning if, in the opinion of the University, a candidate is found not to meet in general terms the requirements set down by the New Zealand Teachers Council for registration as a teacher in New Zealand in terms of good character and fitness to be a teacher.

8. Should a candidate in the Master of Teaching and Learning be charged with, or convicted of an offence against the law after entry into the qualification, the candidate must advise the Pro Vice-Chancellor or their nominee of the charge or conviction within three days.

9. If the Pro Vice-Chancellor or their nominee is of the opinion that any candidate does not meet in general terms the requirements set down by the New Zealand Teachers Council for registration as a teacher in New Zealand in terms of good character and fitness to be a teacher, the candidate’s registration in the Master of Teaching and Learning programme will be cancelled.

10. In cases of sufficient merit, the Degree of Master of Teaching and Learning may be awarded with Distinction or Merit.

Completion Requirements
11. A candidate’s programme of study may not exceed three years from the date of first enrolment in a course to be credited to the Master of Teaching and Learning.

12. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the timeframes prescribed in Regulation 12.

Unsatisfactory Academic Progress
13. For candidates enrolled in the Master of Teaching and Learning the following will lead to exclusion from the qualification:
   (a) failure to obtain a pass in a course in two successive attempts;
   (b) failure to pass courses totalling at least 90 academic credits, or failure to pass at least 50 percent of an approved part-time programme of study in any academic year; or
   (c) failure to complete the Master of Teaching and Learning within three years from the date of first enrolment in a course to be credited to the qualification.

14. A person excluded under Regulation 13 will only be readmitted to the Master of Teaching and Learning with the approval of the Pro Vice-Chancellor or nominee. Such approval may be withheld or granted subject to conditions.

Schedule for the Master of Teaching and Learning

Schedule A Core courses (120 credits)
- 263.760 Pedagogy 1 30
- 263.761 Pedagogy 2 30
- 263.860 Inquiry 1 30
- 263.861 Inquiry 2 30

Schedule B Subject courses

Primary Education (60 credits)
- 278.760 Primary Curriculum 1 30
- 278.761 Primary Curriculum 2 30

Secondary Education (60 credits)
- 260.760 Secondary Curriculum 1 30
- 260.761 Secondary Curriculum 2 30

The Degree of Master of Teaching English to Speakers of Other Languages Leadership

MTESOLLeadership

No new enrolments from 2016

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Eligibility
1. Before enrolling for the degree of Master of Teaching English to Speakers of Other Languages Leadership candidates shall:
   (a) have completed a university degree and have been granted admission to postgraduate study as entitled to proceed to the degree of Master of Teaching English to Speakers of Other Languages Leadership;
   (b) have satisfied the Academic Board that they have sufficient background of professional experience to be likely to benefit from the programme.

Programme of Study
2. A candidate shall follow for not less than two calendar years a programme of study comprising courses to a value of 240 credits:
   - 257.766 Leading TESOL in Diverse Contexts 30
   - 257.767 Current Issues and Innovations in TESOL Leadership 30
   - 257.769 Teaching Content to English Language Learners 30

3. Subject to the approval of the College Pro Vice-Chancellor or nominee, 30 credits of course(s) from the above schedule may be replaced by another course from the schedule for the Master of Education, Master of Educational Administration and Leadership, or the Master of Arts.

4. The programme of study for a candidate who is admitted under clause 5 or 6 may not exceed four years unless a period of suspension or extension is approved by Academic Board.

Concessions
5. Candidates who have completed the Massey University Postgraduate Diploma of Second Language Teaching and who are eligible for admission to the MTESOLLeadership degree shall follow an approved programme of study for not less than one year, consisting of at least 120 credits.

6. Candidates who have completed at another institution a qualification that is approved as equivalent to the Massey University Postgraduate Diploma
Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Degree of Master of Veterinary Medicine requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) shall have been awarded or qualified for the Bachelor of Veterinary Science or a veterinary degree considered by the Academic Board to be equivalent to the Massey University Bachelor of Veterinary Science.

Qualification Requirements

2. Candidates for the Degree of Master of Veterinary Medicine shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) courses selected from the Schedule to the Qualification;
   (b) at least 45 credits from Schedule C for the Qualification;
   (c) any compulsory courses identified in the Schedule to the Qualification.

Specialisations

3. The Degree of Master of Veterinary Medicine may be awarded with or without a subject.

4. Candidates may complete a subject by passing at least 90 credits in a subject including a research or professional practice course from Schedule C. The requirements for each subject are set out in Schedule A for the Qualification. Candidates must undertake research projects or practica that align with the focus of the subject. Approved subjects are: Companion Animal, Companion Animal Surgery, Production Animal, Equine, Veterinary Business Administration.

Student Progression

5. In cases of sufficient merit, the Degree of Master of Veterinary Medicine may be awarded with distinction or merit.

Completion Requirements

6. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

7. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Science and Technology (PGCertScTech) should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

8. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Master of Veterinary Medicine

Schedule A: Subjects

Companion Animal

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>118.751</td>
<td>Canine and Feline Oncology</td>
<td>15</td>
<td>R 195.751</td>
</tr>
<tr>
<td>118.752</td>
<td>Canine and Feline Endocrinology</td>
<td>15</td>
<td>R 195.752</td>
</tr>
</tbody>
</table>

Companion Animal Surgery

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>118.763</td>
<td>Canine and Feline Orthopaedic Surgery</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>118.764</td>
<td>Canine and Feline Soft Tissue Surgery</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

Endorsement courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>118.753</td>
<td>Canine and Feline Oncology</td>
<td>15</td>
<td>R 195.753</td>
</tr>
<tr>
<td>118.754</td>
<td>Diagnostic Imaging for Small Animal Veterinarians</td>
<td>15</td>
<td>R 195.754</td>
</tr>
<tr>
<td>118.755</td>
<td>Clinical Pathology in Small Animal Practice</td>
<td>15</td>
<td>R 195.755</td>
</tr>
<tr>
<td>118.756</td>
<td>Canine and Feline Neurology</td>
<td>15</td>
<td>R 195.756</td>
</tr>
<tr>
<td>118.757</td>
<td>Cardiorespiratory Medicine for Small Animal Veterinarians</td>
<td>15</td>
<td>R 195.757</td>
</tr>
<tr>
<td>118.758</td>
<td>Avian Medicine</td>
<td>15</td>
<td>R 195.758</td>
</tr>
<tr>
<td>118.759</td>
<td>Ophthalmology in Small Animal Practice</td>
<td>15</td>
<td>R 195.759</td>
</tr>
<tr>
<td>118.761</td>
<td>Canine and Feline Emergency Medicine</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>118.762</td>
<td>Dermatology for Small Animal Veterinarians</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>118.763</td>
<td>Canine and Feline Orthopaedic Surgery</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>118.764</td>
<td>Canine and Feline Soft Tissue Surgery</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>118.777</td>
<td>Veterinary Clinical Reproduction and Fertility</td>
<td>15</td>
<td>R 117.767</td>
</tr>
</tbody>
</table>

Equine

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>118.777</td>
<td>Veterinary Clinical Reproduction and Fertility</td>
<td>15</td>
<td>R 117.767</td>
</tr>
<tr>
<td>118.778</td>
<td>Advanced Studies in Equine Lameness for Veterinarians</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>118.779</td>
<td>Advanced Studies in Equine Diagnostic Imaging</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>118.780</td>
<td>Equine Gastroenterology</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

Production Animal

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>118.771</td>
<td>Advances in Ruminant Nutrition for Veterinarians</td>
<td>15</td>
<td>R 151.705, 117.761</td>
</tr>
<tr>
<td>118.772</td>
<td>Calf Medicine, Health and Management</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>118.773</td>
<td>Advanced Mastitis Management for the Production Animal Veterinarian</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>118.776</td>
<td>Lameness Investigation and Control for Cattle Veterinarians</td>
<td>15</td>
<td>117.761</td>
</tr>
</tbody>
</table>
### Veterinary Business Administration

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>118.781</td>
<td>Marketing Management for Veterinary Practice</td>
<td>15</td>
</tr>
<tr>
<td>118.782</td>
<td>Introductory Accounting for Veterinary Practice</td>
<td>15</td>
</tr>
<tr>
<td>118.783</td>
<td>People Management for Veterinary Practice</td>
<td>15</td>
</tr>
<tr>
<td>118.784</td>
<td>Mediation and Dispute Resolution for Veterinary Practice</td>
<td>15</td>
</tr>
<tr>
<td>115.726</td>
<td>Marketing</td>
<td>15</td>
</tr>
<tr>
<td>115.723</td>
<td>Accounting I</td>
<td>15</td>
</tr>
<tr>
<td>115.725</td>
<td>Leadership and People</td>
<td>15</td>
</tr>
</tbody>
</table>

### Special Topic I

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.739</td>
<td>Special Topic I</td>
<td>15</td>
</tr>
</tbody>
</table>

### Schedule B: Elective Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>118.785</td>
<td>Principles of Veterinary Epidemiology</td>
<td>15</td>
</tr>
<tr>
<td>118.786</td>
<td>Applied Veterinary Epidemiology</td>
<td>P 118.785, R 118.720, 118.715 and 118.815</td>
</tr>
</tbody>
</table>

### Schedule C: Research Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>118.851</td>
<td>Research Report (MV/MV) (45 credit)</td>
<td>45</td>
</tr>
<tr>
<td>118.852</td>
<td>Research Report (MV/MV) (60 credit)</td>
<td>60</td>
</tr>
<tr>
<td>118.853</td>
<td>Advanced Professional Practice in Veterinary Medicine</td>
<td>45</td>
</tr>
</tbody>
</table>

---

## The Degree of Master of Veterinary Science (MVSc)

### Qualification Regulations

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

### Part II

**Entry Requirements**

1. Candidates for the Degree of Master of Veterinary Science shall have completed a veterinary degree.

**Programme Requirements**

2. (a) Candidates who have completed a Massey University BVSc, or a veterinary qualification that can be registered by the New Zealand Veterinary Council and is considered by the Academic Board to be equivalent to the Massey University BVSc, or a Postgraduate Diploma in an area of Veterinary Science, shall complete an MVSc programme consisting of a Research Methods course of 15 credits and a thesis to the value of 120 credits in some branch of Veterinary Science.

(b) Veterinary graduates who do not meet the requirements in 2(a) shall complete an MVSc programme consisting of courses to the value of 120 credits and a thesis to the value of 120 credits.

### Schedule to the Degree of Master of Veterinary Science

**Notes**

1. Courses shall be selected from the 118.7xx, 118.8xx, series and any other courses deemed appropriate by the Graduate Subject Adviser.

2. The selection of courses must be approved by the Academic Programme Director or equivalent.

---

## The Degree of Master of Veterinary Studies (MVS)

### Qualification Regulations

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

**Admission**

1. Admission to the Degree of Master of Veterinary Studies requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for the Bachelor of Veterinary Science with at least a B grade average, or equivalent.

**Qualification Requirements**

2. Candidates for the Degree of Master of Veterinary Studies shall follow a flexible programme of study, which shall consist of courses totalling at least 180 credits, comprising:
   (a) completion of Part One and Part Two as defined by the Schedule to the Degree;
   (b) courses selected from the Schedule to the Degree; and including:
   (c) any compulsory courses listed in the Schedule to the Degree;
   (d) at least 60 credits at 800 level;
   (e) attending field trips, studios, workshops, tutorials and laboratories as required.

### Specialisations

3. The Degree of Master of Veterinary Studies is awarded with or without a subject.

4. Candidates may complete a subject by passing at least 180 credits, including at least 60 credits at 800 level, in a subject. The requirements for each subject are set out in the Schedule to the Degree.

5. The subjects available are: Conservation Veterinary Medicine, Epidemiology, Veterinary Pathology, and Veterinary Public Health.

### Student Progression

6. In cases of sufficient merit, the Degree of Master of Veterinary Studies may be awarded with Distinction or Merit.

7. For progression to Part Two of the Degree of Master of Veterinary Studies, candidates must have maintained at least a B grade average in the first 60 credits of study.

### Completion Requirements

8. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes. Candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Diploma in Veterinary Science or Postgraduate Certificate in Science and Technology should they meet the relevant Qualification requirements.

### Unsatisfactory Academic Progress

10. The general Unsatisfactory Academic Progress regulations will apply.
Transitional Provisions

11. All candidates commencing study towards the Degree of Master of Veterinary Studies on or after 1 January 2016 must satisfy the requirements specified in these regulations.

12. All candidates who commenced study towards the Degree of Master of Veterinary Studies prior to 1 January 2016, and who have passed at least 60 credits whilst enrolled in the Degree of Master of Veterinary Studies, may complete under the regulations in the 2015 Massey University Calendar (or earlier regulations) until the end of the 2018 year.

13. Candidates who commenced study towards the Degree of Master of Veterinary Studies prior to 1 January 2016 may transfer to these regulations, but must satisfy all requirements as specified.

14. Candidates who commenced study towards the Degree of Master of Veterinary Studies prior to 1 January 2016, but who have not completed the qualification by the end of the 2018 year, will be required to transfer to the current regulations from 2019.

15. These transition arrangements expire in 2018.

16. In all cases candidates must complete the qualification within the timeframes for completion as specified in the Completion Requirements.

Schedule for the Master of Veterinary Studies

Part One (at least 60 credits)

Elective courses:
Courses selected from the 117, 118, 194 course prefix series.

Subject courses:

Conservation Veterinary Medicine
At least 60 credits from:

118.728 Wildlife Health 60 R 118.728
194.709 Conservation Endocrinology and Reproductive Biology 30
232.704 Wildlife Disease 30
232.705 Captive Breeding and Management 30

Epidemiology
Compulsory course (30 credits):

118.715 Epidemiologic Methods 1 30 R 118.720 and 195.720

At least 30 credits from:

118.716 Analysis of Epidemiologic Data 1 30 R 118.721 and 195.721
118.718 Animal Health Management 30 C 118.715 and 118.716; R 118.722 and 195.722

Plus up to 60 credits from:

118.717 Analysis of Epidemiologic Data 2 30 C 118.715 and 118.716; R 118.721 and 195.721
118.726 Veterinary Public Health 60 R 116.726
118.815 Epidemiologic Methods 2 30 C 118.715 and 118.716; R 118.721 and 195.721
118.816 Advanced Analysis of Epidemiologic Data 1 30 C 118.715 and 118.716 or 118.785, 118.786 and 118.716; R 118.821 and 195.821
118.817 Advanced Analysis of Epidemiologic Data 2 30 C 118.715, 118.716 and 118.717 or 118.785, 118.786, 118.716 and 118.717; R 118.821 and 195.821
118.819 Biosecurity Methods 30 C 118.715 and 118.716

Veterinary Pathology
Compulsory course (60 credits):

118.731 Veterinary Diagnostic Pathology 1 60 R 116.721

Plus up to 60 credits from:

118.724 Veterinary Diagnostic Pathology 2 60 P 118.731; R 116.724

Veterinary Public Health
Compulsory course (60 credits):

118.726 Veterinary Public Health 60 R 116.726

Plus up to 60 credits from:

118.715 Epidemiologic Methods 1 30 R 118.720 and 195.720
118.716 Analysis of Epidemiologic Data 1 30 R 118.721 and 195.721
118.819 Biosecurity Methods 30 C 118.715 and 118.716

Part Two (at least 60 credits)

120 credits from:

118.897 Thesis 120 Credit Part 1 60
118.898 Thesis 120 Credit Part 2 60 C 118.897
118.899 Thesis 120

Or

60 credits from:

118.811 Research Report 60
The Degree of Bachelor of Arts with Honours
BA(Hons)

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Degree of Bachelor of Arts with Honours requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) shall have been awarded or qualified for the Bachelor of Arts with a major in the intended postgraduate subject or close equivalent; or
   (c) shall have been awarded or qualified for the Bachelor of Arts with a minor in the intended postgraduate subject, followed by a Graduate Certificate in Arts with an endorsement in the intended postgraduate subject, or close equivalent; or
   (d) shall have been awarded or qualified for the Bachelor of Arts, followed by a Graduate Diploma in the Arts with an endorsement in the intended postgraduate subject, or close equivalent; or
   and in all cases, will have:
   (e) achieved a B grade average over the 200- and 300-level specialisation courses of the qualification(s) considered for admission in Regulations 1(b) to (d);
   (f) achieved an IELTS of 7.0 with no band less than 6.5, if English is not the applicant’s first language and the qualifying degree was not completed at a University where English is the medium of instruction.

Qualification Requirements
2. Candidates for the Degree of Bachelor of Arts with Honours shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) a research report of at least 30 credits;
   (b) any compulsory courses identified in the Schedule for the Qualification.

Specialisations
3. Candidates for the Degree of Bachelor of Arts with Honours must complete the requirements for one subject.
4. The requirements for each subject are set out in the Schedule for the Qualification.
5. Subjects available are: Defence Studies, Economics, Education, English, Geography, History, Māori Studies, Media Studies, Philosophy, Politics, Psychology, Social Anthropology, Social Policy, Sociology and Spanish.

Student Progression
6. The Degree of Bachelor of Arts with Honours will be awarded with a class of Honours.

Completion Requirements
7. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.
8. Candidates may be graduated when they meet the Qualification and Academic requirements within the prescribed timeframes. Candidates who do not meet the requirements for graduation, may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Arts should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
9. The general Unsatisfactory Academic Progress regulations will apply.

Transition Regulations
10. All candidates who commenced study towards the Bachelor of Arts with Honours on or after 1 January 2015 must satisfy the requirements as specified in these regulations.
11. Candidates who commenced study towards the Bachelor of Arts with Honours prior to 1 January 2015 may choose to transfer to these regulations but must satisfy all requirements as specified.
12. Candidates enrolled in the Bachelor of Arts with Honours who have completed at least 60 credits towards the English subject prior to 1 January 2017 may substitute 30 credits from List B courses for courses included in List A. These transitional arrangements expire on 31 December 2018.

Schedule for the Bachelor of Arts with Honours

Defence Studies
Compulsory courses (60 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>149.790</td>
<td>Research Methods in Defence and Security Studies</td>
<td>30</td>
</tr>
<tr>
<td>149.798</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>

Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>149.701</td>
<td>The New Zealand Strategic Environment</td>
<td>30</td>
</tr>
<tr>
<td>149.704</td>
<td>Leadership, Management and Command</td>
<td>30</td>
</tr>
<tr>
<td>149.707</td>
<td>The Middle East Security Environment</td>
<td>30</td>
</tr>
<tr>
<td>149.709</td>
<td>Terrorism, Insurgency and Transnational Crime</td>
<td>30</td>
</tr>
<tr>
<td>149.710</td>
<td>Military History</td>
<td>30</td>
</tr>
<tr>
<td>149.716</td>
<td>Security of China as a Great Power</td>
<td>30</td>
</tr>
<tr>
<td>149.725</td>
<td>International Security and Peacekeeping</td>
<td>30</td>
</tr>
<tr>
<td>149.732</td>
<td>Public International Law for Defence and Security</td>
<td>30</td>
</tr>
<tr>
<td>149.741</td>
<td>Intelligence in the International Security Environment</td>
<td>30</td>
</tr>
<tr>
<td>149.744</td>
<td>Intelligence Operations</td>
<td>30</td>
</tr>
<tr>
<td>149.760</td>
<td>Defence and Security Technology</td>
<td>30</td>
</tr>
<tr>
<td>149.770</td>
<td>Border Management in the Contemporary Security Environment</td>
<td>30</td>
</tr>
<tr>
<td>149.799</td>
<td>Research Report</td>
<td>60</td>
</tr>
</tbody>
</table>

Economics
One course from the following (30 credits):

125.785 Research Methods in Economics and Finance 30
178.732 Advanced Econometrics 30 P 125.785 or any 300-level Econometrics course
Compulsory Research Report:
178.799 Research Project (30) 30 P Graduate Status and Permission HOS

Subject courses:
178.702 Macroeconomics 30 P 178.703, or 178.280 and either 178.220 or 178.280; R 178.700, 178.714
178.703 The Theory and Practice of Economics 30
178.712 International Monetary Economics 30 P 178.703 or 125.700 or 125.330 or Permission Head of School
178.713 Microeconomics 30 P Any 300-level Microeconomics course
178.718 Health Economics 30
178.755 Economic Growth, International and Development Economics 30 P Any undergraduate level Economics course or 178.703; R 178.750, 178.770
178.775 The Economics of Knowledge and Innovation 30 P 115.106 or 115.113 or 178.1xx or 178.703

Education
Compulsory course (30 credits):
267.792 Research Exercise 30 P 180.790, 185/186.788, 267.788 or an approved research methods course; R 180.792

Subject courses:
254.702 Facing Big Questions in Education 30
254.744 Educational Issues Among Pacific Islands Peoples in New Zealand 30
254.773 Educational Policy Analysis 30
254.774 Evaluation of Educational Organisations 30
254.775 Management of Human Resources in Educational Organisations 30
261.765 Trends in E-Learning 30
263.704 Advanced Studies in Motivation and Learning 30
265.737 Young Children and Their Families 30
269.733 Mana Motuhake: Contemporary Issues in Māori and Indigenous Education 30
267.782 Quantitative Research in Education 15 R 267.720, 267.723, 267.780, 267.788
267.783 Qualitative Research in Education 15 R 267.720, 267.723, 267.780, 267.788

English
Compulsory course (30 credits):
139.799 Research Report (30) 30

List A subject courses
At least 60 credits from:
139.703 Critical and Creative Research 30
139.707 Women, Desire and Narrative 30
139.710 Rhetoric, Composition and the Teaching of Writing 30
139.724 Literary Revolutions: Romantic and Victorian Literature 30
139.728 Early Modern Metadrama: Vices and Devices 30
139.750 Contemporary New Zealand Writers in an International Context 30
139.752 Aotearoa New Zealand Drama and Performance 30
139.757 Twentieth-Century New Zealand Fiction: Texts and Theories 30
139.758 Postcolonial Theory and Writing 30

List B subject courses
No more than 30 credits from:
129.763 Community Theatre 30
139.765 New Directions in Creative Writing 30
154.708 Modern Fiction, Popular Culture and the Media 30

Geography
Compulsory course: (30 credits):
145.799 Research Report (30) 30

Subject courses:
145.710 Consumption and Place 30
145.711 Foundations in Human Geography 30 R 145.706
145.712 Frontiers in Human Geography 30 R 145.701
145.730 Applied Coastal Geomorphology 15 R 145.705
145.731 Applied Fluvial Geomorphology 15 R 145.705
145.732 Landslide Investigation and Management 15 R 145.705
145.734 Palaeoecology, Palynology and Biogeography 15 R 145.704
145.735 Detecting Geomorphic Change 15 R 145.702
145.736 Advanced Physical Geography Techniques 15 R 145.702
233.721 Global Climate Change 15 P 145.320 or 233.703, 233.704

History
Compulsory courses (120 credits):
148.720 Advanced Historiography 30
148.730 Advanced Historical Methodology 30
148.799 Research Report (60) 60

Māori Studies
Compulsory courses (60 credits):
150.714 Tā Te Māori Rangahau Kōrero: Māori Research Methodologies 30
150.799 Research Report 30

Subject courses:
150.701 Tiro Rangatiratanga: Strategic Māori Development 30
150.702 Mauri Ora: Māori Mental Health 30
150.710 Te Reo Whakawhitiwiti: The Language of Everyday Communication 30
150.711 Te Tau-Ihu o te Reo: Advanced Māori Literature 30
150.715 Taonga Tuku Iho: Heritage Aotearoa 30

Media Studies
Compulsory course one of (60 or 30 credits):
154.797 Research Report (60) 60
154.798 Research Report (30) 30

Subject courses:
154.701 Modern and Postmodern Visual Cultures 30
154.702 Advanced Film Studies 30
154.704 Researching Media and Cultural Studies 30
154.707 The World of Noir 30
154.708 Modern Fiction, Popular Culture and the Media 30
154.709 Technology and Cultural Change 30
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>154.719</td>
<td>Media, Entertainment and Ethics</td>
<td>30</td>
</tr>
<tr>
<td>154.747</td>
<td>Media Practice and Global Culture</td>
<td>30</td>
</tr>
<tr>
<td>219.705</td>
<td>Advanced News Media Processes</td>
<td>30</td>
</tr>
</tbody>
</table>

### Philosophy

**Compulsory courses (30 credits):**

- **134.710** Philosophical Research 30

And one of:

- **134.798** Research Report (30) 30
- **134.799** Research Report (60) 60

**Subject courses:**

- **134.740** Advanced Study of Philosophical Topics 30
- **134.750** Advanced Study of Philosophical Texts 30
- **134.760** Advanced Philosophical Inquiry 30

### Politics

**Compulsory courses (120 credits):**

- **176.702** Advanced Social Inquiry 30
- **200.761** International Relations: Theory and Practice 30
- **200.762** Presidents and Prime Ministers 30
- **200.798** Research Report (30) 30

### Psychology

**Compulsory courses (45 credits):**

- **175.738** Psychological Research: Principles of Design 15
- **175.799** Research Report (30) 30

**Subject courses:**

- **175.718** Postmodernism and Psychology 15
- **175.719** Applied Criminal Psychology 15
- **175.720** Advanced Psychology of Women 15
- **175.721** Child and Family Therapy 15
- **175.722** Principles of Clinical Neuropsychology 15
- **175.724** Advanced Experimental Psychology 30
- **175.725** Advanced Social Psychology 30
- **175.729** Psychology and Culture 15
- **175.730** Professional Practice in Psychology 15
- **175.732** Psychological Well-being in Organisations 15
- **175.733** Sustainable Livelihood 15
- **175.734** Child Clinical Neuropsychology 15
- **175.737** Occupational Psychology 15
- **175.739** Health Psychology: Understanding Health and Illness 15
- **175.740** Occupational Health Psychology 15
- **175.741** Psychological Assessment in Organisations 15

- **175.743** Health Psychology: The Social Context 15
- **175.744** Health Psychology: Promoting Health 15
- **175.746** Psychological Research: Multivariate Data Analysis 15
- **175.747** The Psychology of Sport and Exercise 15
- **175.748** The Psychology of Organisational Change 15
- **175.751** Neuropsychological Rehabilitation 15
- **175.761** Theory and Practice of Cognitive Behaviour Therapy 15
- **175.781** Clinical Psychopathology 15
- **175.782** Clinical Psychology Assessment 15
- **175.783** Clinical Psychology Interventions 15

### Social Anthropology

**Compulsory courses (60 credits):**

- **146.701** Contemporary Approaches in Anthropological Theory 30
- **146.703** The Practice of Anthropology 30

And one of:

- **146.798** Research Report (60) 60
- **146.799** Research Report (30) 30

### Social Policy

**Compulsory courses (120 credits):**

- **179.702** Advanced Research Methods 30
- **279.701** Social Policy and Political Economy 30
- **279.703** Social Policy Studies 30
- **279.796** Research Report (30) 30

### Sociology

**Compulsory courses (90 credits):**

- **176.701** Current Issues and Theories 30
- **176.702** Advanced Social Inquiry 30
- **176.799** Research Report (30) 30

**Subject courses:**

- **176.711** Sociology of Underdevelopment 30
- **176.715** Culture and New Zealand Society 30
- **176.718** Environmental Sociology 30

### Spanish

**Compulsory courses: (90 credits):**

- **245.700** Advanced Spanish Communication 30
- **245.701** Latin American Cultural Identities 30
- **245.702** Hispanic Postcolonial Representations 30

**Research report:**

- **245.798** Research Report 30
The Degree of Bachelor of Business Studies with Honours  
**BBS(Hons)**

**No new enrolments from 2017**

**Qualification Regulations**

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

**Admission**

1. Admission to the Degree of Bachelor of Business Studies with Honours requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for the Bachelor of Business Studies having achieved at least a B grade average across the 300-level courses of the intended subject, or equivalent.

**Qualification Requirements**

2. Candidates for the degree of Bachelor of Business Studies with Honours shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits at 700 level, comprising:
   (a) at least 120 credits from the courses for a subject as listed in the Schedule for the Degree; and including:
   (b) the 30-credit research report listed in the schedule for that subject;
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

**Specialisations**

3. Candidates shall complete a subject by passing at least 120 credits in that subject, including a 30-credit research report. The requirements for each subject are set out in the Schedule for the Bachelor of Business Studies with Honours.


* No new enrolment in this subject from 2014.

**Student Progression**

5. In cases of sufficient merit, the Bachelor of Business Studies with Honours may be awarded with a class of honours.

**Completion Requirements**

6. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

7. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Business Studies should they meet the relevant Qualification requirements.

**Unsatisfactory Academic Progress**

8. The general Unsatisfactory Academic Progress regulations will apply.

**Schedule for the Degree of Bachelor of Business Studies with Honours**

**Accountancy**

Compulsory research report (30 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>110.799</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>

Subject courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>110.710</td>
<td>Contemporary Issues in Financial Accounting</td>
<td>10</td>
</tr>
<tr>
<td>110.711</td>
<td>Advanced Accounting Theory</td>
<td>10</td>
</tr>
<tr>
<td>110.717</td>
<td>Research Methods in Accounting</td>
<td>10</td>
</tr>
<tr>
<td>110.705</td>
<td>International Taxation</td>
<td>10</td>
</tr>
</tbody>
</table>

**Business Information Systems**

No new enrolments.

**Communication**

Compulsory research report (30 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>219.799</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>

Subject courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>219.702</td>
<td>Management Communication</td>
<td>30</td>
</tr>
<tr>
<td>219.703</td>
<td>Advanced Business Communication</td>
<td>30</td>
</tr>
<tr>
<td>219.704</td>
<td>Advanced Cross-Cultural Communication</td>
<td>30</td>
</tr>
<tr>
<td>219.705</td>
<td>Advanced News Media Processes</td>
<td>30</td>
</tr>
<tr>
<td>219.706</td>
<td>Advanced Public Relations</td>
<td>30</td>
</tr>
<tr>
<td>219.708</td>
<td>Political Communication</td>
<td>30</td>
</tr>
<tr>
<td>219.709</td>
<td>Advanced Journalism Issues</td>
<td>30</td>
</tr>
<tr>
<td>219.710</td>
<td>Persuasive Communication Practice</td>
<td>30</td>
</tr>
<tr>
<td>219.790</td>
<td>Research Methods in Communication</td>
<td>30</td>
</tr>
</tbody>
</table>

**Economics**

Compulsory research report (30 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>178.799</td>
<td>Research Project</td>
<td>30</td>
</tr>
</tbody>
</table>

Subject courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>178.711</td>
<td>International Monetary Economics</td>
<td>30</td>
</tr>
<tr>
<td>178.712</td>
<td>The Theory and Practice of Economics</td>
<td>30</td>
</tr>
<tr>
<td>178.713</td>
<td>Microeconomics</td>
<td>30</td>
</tr>
<tr>
<td>178.714</td>
<td>Applied Econometric Methods</td>
<td>30</td>
</tr>
<tr>
<td>178.715</td>
<td>Advanced Econometrics</td>
<td>30</td>
</tr>
<tr>
<td>178.716</td>
<td>Environmental Economics for Non-Economists</td>
<td>30</td>
</tr>
<tr>
<td>178.717</td>
<td>Economic Growth, International and Development Economics</td>
<td>30</td>
</tr>
</tbody>
</table>

**Finance**

Compulsory research report selection

At least 30 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>125.791</td>
<td>Research Report Part 1</td>
<td>15</td>
</tr>
<tr>
<td>125.792</td>
<td>Research Report Part 2</td>
<td>15</td>
</tr>
<tr>
<td>125.799</td>
<td>Research Report</td>
<td>15</td>
</tr>
</tbody>
</table>
Subject courses:

125.700 Managerial Finance 30  P Permission Head of School; R 125.330
125.732 Advanced Corporate Finance 30  P 125.700 or 125.330 or Permission Head of School
125.740 Advanced Investment Analysis 30  P 125.700 or 125.330 or Permission Head of School
125.780 Advanced International Finance 30  P Permission Head of School
125.781 Advanced Financial Risk Management 30  P 125.700 or 125.330 or Permission Head of School
125.785 Research Methods in Economics and Finance 30

Human Resource Management
Compulsory research report (30 credits):
114.799 Research Report 30
Subject courses:

114.702 Human Resource Management and Workplace Relations 30  R any 30 credits from 114.700, 114.701, 114.704, 114.705
114.709 Managing the Employment Relationship 30
114.710 Organisational Learning 30
114.722 Advanced Organisational Behaviour 30  P Permission Head of School or 114.702
114.723 Performance Management 30  P 114.326 or 114.700 or 114.702; R 114.724, 114.726
114.728 Valuing Human Resource Talent in Business Enterprises 30  P 114.326 or 114.700 or 114.702
114.735 Competitive Advantage and HRM Strategy 30  P Permission Head of School or 114.326 or 114.700 or 114.702; R 114.725
114.761 International Human Resource Management 30
114.762 Career Management in an International Context 30

Management
Compulsory research report selection
At least 30 credits from:
152.784 Research Report 30
152.785 Research Report 30
Subject courses:

152.700 Organisation and Management 30  R 152.200, 152.300
152.701 Advanced Management 30
152.702 Advanced Strategic Management 30
152.704 Business and Sustainability 30  R 115.783
152.705 Advanced Change Management 30  R 152.707
152.707 Leading and Changing Organisations 30  R 152.709, 152.705

The Degree of Bachelor of Communication with Honours BC(Hons)

Qualification Regulations
Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Degree of Bachelor of Communication (Honours) requires that the candidate:
   (a) meet the University admission requirements as specified; and
   (b) shall have been awarded or qualified for the Bachelor of Communication or close equivalent; or by permission of Head of School; and
   (c) have achieved at least a B grade average in the 300-level majoring courses of the intended primary subject area; and
   (d) have achieved at least 15 credits at 300 level with a B grade average in the intended secondary subject area.

Qualification Requirements
2. Candidates for the Degree of Bachelor of Communication (Honours) shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) at least 30 credits of taught courses from one of the subject areas in the Schedule to the Bachelor of Communication with Honours;
   (b) the relevant Research Report for that subject area;
   (c) at least 30 approved credits from: 139.703 Critical and Creative Research, 154.704 Researching Media and Cultural Studies, 156.776...
### The Degree of Bachelor of Health Science with Honours

**BHlthSc(Hons)**

#### No new enrolments from 2017

#### Qualification Regulations

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

**Admission**

1. Admission to the Degree of Bachelor of Health Science with Honours requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for the Degree of Bachelor of Health Science or equivalent.

#### Specialisations

3. Candidates for the Degree of Bachelor of Health Science with Honours shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits at 700-level, comprising:
   (a) courses from the Schedule for the Qualification;
   (b) any compulsory courses listed in the Schedule for the Qualification; and
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

#### Qualification Requirements

2. Candidates for the Degree of Bachelor of Health Science with Honours must complete the requirements for one subject.

### Schedule to the Degree of Bachelor of Communication with Honours

**Communication Management**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>219.702</td>
<td>Management Communication</td>
<td>30</td>
</tr>
<tr>
<td>219.703</td>
<td>Advanced Business Communication</td>
<td>30</td>
</tr>
<tr>
<td>219.704</td>
<td>Advanced Cross-Cultural Communication</td>
<td>30</td>
</tr>
<tr>
<td>219.799</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>

**Expressive Arts**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>139.763</td>
<td>Community Theatre</td>
<td>30</td>
</tr>
<tr>
<td>139.765</td>
<td>New Directions in Creative Writing</td>
<td>30</td>
</tr>
<tr>
<td>139.799</td>
<td>Research Report (with Honours)</td>
<td>30</td>
</tr>
</tbody>
</table>

**Journalism Studies**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>219.705</td>
<td>Advanced News Media Processes</td>
<td>30</td>
</tr>
<tr>
<td>219.708</td>
<td>Political Communication</td>
<td>30</td>
</tr>
<tr>
<td>219.709</td>
<td>Advanced Journalism Issues</td>
<td>30</td>
</tr>
<tr>
<td>219.793</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>

**Linguistics**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>172.712</td>
<td>Multimodal Discourse Analysis</td>
<td>30</td>
</tr>
<tr>
<td>172.713</td>
<td>Language and Communication in Late Modernity</td>
<td>30</td>
</tr>
<tr>
<td>172.799</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>

**Marketing Communication**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>156.755</td>
<td>Advanced Social Media and Mobile Marketing</td>
<td>30</td>
</tr>
<tr>
<td>156.758</td>
<td>Advanced Social Marketing</td>
<td>30</td>
</tr>
<tr>
<td>156.775</td>
<td>Theory and Models of Marketing</td>
<td>30</td>
</tr>
<tr>
<td>156.799</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>

**Media Studies**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>154.701</td>
<td>Modern and Postmodern Visual Cultures</td>
<td>30</td>
</tr>
<tr>
<td>154.702</td>
<td>Advanced Film Studies</td>
<td>30</td>
</tr>
<tr>
<td>154.707</td>
<td>The World of Noir</td>
<td>30</td>
</tr>
<tr>
<td>154.708</td>
<td>Modern Fiction, Popular Culture and the Media</td>
<td>30</td>
</tr>
<tr>
<td>154.709</td>
<td>Technology and Cultural Change</td>
<td>30</td>
</tr>
<tr>
<td>154.719</td>
<td>Media, Entertainment and Ethics</td>
<td>30</td>
</tr>
<tr>
<td>154.747</td>
<td>Media Practice and (Global Culture)</td>
<td>30</td>
</tr>
<tr>
<td>154.798</td>
<td>Research Report (with Honours)</td>
<td>30</td>
</tr>
</tbody>
</table>

**Public Relations**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>219.706</td>
<td>Advanced Public Relations</td>
<td>30</td>
</tr>
<tr>
<td>219.710</td>
<td>Persuasive Communication Practice</td>
<td>30</td>
</tr>
<tr>
<td>219.799</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>
5. Subjects available are: Environmental Health, Māori Health, Psychology, Rehabilitation and Sport and Exercise.

Student Progression
6. The Degree of Bachelor of Health Science with Honours will be awarded with a class of Honours.

Completion Requirements
7. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
8. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress
9. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Degree of Bachelor of Health Science with Honours

Environmental Health
Compulsory courses (60 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>168.711</td>
<td>Health Research Design and Method</td>
<td>30</td>
</tr>
<tr>
<td>214.798</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>

Subject courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>214.772</td>
<td>Advanced Topics in Food Quality</td>
<td>30</td>
</tr>
<tr>
<td>214.773</td>
<td>Advanced Topics in Water Quality</td>
<td>30</td>
</tr>
<tr>
<td>214.774</td>
<td>Advanced Topics in Sound and its Reception</td>
<td>30</td>
</tr>
<tr>
<td>214.775</td>
<td>Advanced Topics in Environmental Health</td>
<td>30</td>
</tr>
<tr>
<td>214.777</td>
<td>Advanced Topics in Air Quality</td>
<td>30</td>
</tr>
<tr>
<td>214.778</td>
<td>Advanced Topics in Health Science</td>
<td>30</td>
</tr>
<tr>
<td>214.798</td>
<td>Research Report</td>
<td>30</td>
</tr>
<tr>
<td>231.704</td>
<td>Māori Health</td>
<td>30</td>
</tr>
<tr>
<td>231.707</td>
<td>Environmental Health</td>
<td>30</td>
</tr>
<tr>
<td>252.702</td>
<td>Sleep, Fatigue Risk Management and Occupational Safety and Health</td>
<td>30</td>
</tr>
</tbody>
</table>

Māori Health
Compulsory course (30 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.799</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>

30 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.714</td>
<td>Ta Te Māori Rangahau Kōrero: Māori Research Methodologies</td>
<td>30</td>
</tr>
<tr>
<td>168.711</td>
<td>Health Research Design and Method</td>
<td>R 168.810 and 168.710</td>
</tr>
</tbody>
</table>

Subject courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.701</td>
<td>Tino Rangatiratanga: Strategic Māori Development</td>
<td>30</td>
</tr>
<tr>
<td>150.702</td>
<td>Māori Ora: Māori Mental Health</td>
<td>30</td>
</tr>
<tr>
<td>231.704</td>
<td>Māori Health</td>
<td>30</td>
</tr>
</tbody>
</table>

Psychology
Compulsory courses (45 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.738</td>
<td>Psychological Research: Principles of Design</td>
<td>15</td>
</tr>
<tr>
<td>175.799</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>

Subject courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.718</td>
<td>Postmodernism and Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.719</td>
<td>Applied Criminal Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.720</td>
<td>Advanced Psychology of Women</td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.721</td>
<td>Child and Family Therapy</td>
<td>15</td>
</tr>
<tr>
<td>175.722</td>
<td>Principles of Clinical Neuropsychology</td>
<td>15</td>
</tr>
<tr>
<td>175.725</td>
<td>Advanced Social Psychology</td>
<td>30</td>
</tr>
<tr>
<td>175.730</td>
<td>Professional Practice in Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.732</td>
<td>Psychological Well-being in Organisations</td>
<td>15</td>
</tr>
<tr>
<td>175.733</td>
<td>Sustainable Livelihood</td>
<td>15</td>
</tr>
<tr>
<td>175.734</td>
<td>Child Clinical Neuropsychology</td>
<td>15</td>
</tr>
<tr>
<td>175.737</td>
<td>Occupational Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.739</td>
<td>Health Psychology: Understanding Health and Illness</td>
<td>15</td>
</tr>
<tr>
<td>175.740</td>
<td>Occupational Health Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.741</td>
<td>Psychological Assessment in Organisations</td>
<td>15</td>
</tr>
<tr>
<td>175.743</td>
<td>Health Psychology: The Social Context</td>
<td>15</td>
</tr>
<tr>
<td>175.744</td>
<td>Health Psychology: Promoting Health</td>
<td>15</td>
</tr>
<tr>
<td>175.746</td>
<td>Psychological Research: Multivariate Data Analysis</td>
<td>15</td>
</tr>
<tr>
<td>175.747</td>
<td>The Psychology of Sport and Exercise</td>
<td>15</td>
</tr>
<tr>
<td>175.748</td>
<td>The Psychology of Organisational Change</td>
<td>15</td>
</tr>
<tr>
<td>175.761</td>
<td>Theory and Practice of Cognitive Behaviour Therapy</td>
<td>15</td>
</tr>
<tr>
<td>175.781</td>
<td>Clinical Psychopathology</td>
<td>15</td>
</tr>
<tr>
<td>175.782</td>
<td>Clinical Psychology Assessment</td>
<td>15</td>
</tr>
<tr>
<td>175.783</td>
<td>Clinical Psychology Interventions</td>
<td>15</td>
</tr>
<tr>
<td>147.704</td>
<td>Rehabilitation Theory and Practice</td>
<td>30</td>
</tr>
<tr>
<td>168.810</td>
<td>Health Research Design and Method</td>
<td>30</td>
</tr>
<tr>
<td>147.799</td>
<td>Research Report (30)</td>
<td>30</td>
</tr>
</tbody>
</table>

Subject courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>147.702</td>
<td>Rehabilitation Counselling</td>
<td>30</td>
</tr>
<tr>
<td>147.703</td>
<td>Vocational and Rehabilitation Counselling</td>
<td>30</td>
</tr>
<tr>
<td>147.704</td>
<td>Drugs and Society</td>
<td>30</td>
</tr>
<tr>
<td>147.705</td>
<td>Education and Rehabilitation of the Visually Impaired</td>
<td>30</td>
</tr>
<tr>
<td>231.704</td>
<td>Māori Health</td>
<td>30</td>
</tr>
</tbody>
</table>

Sport and Exercise
Compulsory course (30 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.799</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>

At least 15 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>119.728</td>
<td>Research Practice</td>
<td>15</td>
</tr>
<tr>
<td>168.711</td>
<td>Health Research Design and Method</td>
<td>R 168.810, 168.710</td>
</tr>
</tbody>
</table>

Subject courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>151.709</td>
<td>Biometrics for the Animal and Nutritional Sciences</td>
<td>15</td>
</tr>
<tr>
<td>175.744</td>
<td>Health Psychology: Promoting Health</td>
<td>15</td>
</tr>
<tr>
<td>175.746</td>
<td>Psychological Research: Multivariate Data Analysis</td>
<td>15</td>
</tr>
<tr>
<td>175.747</td>
<td>The Psychology of Sport and Exercise</td>
<td>15</td>
</tr>
<tr>
<td>234.716</td>
<td>Advanced Physical Conditioning</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td></td>
<td>R 234.705, 152.719</td>
</tr>
</tbody>
</table>
No new enrolments from 2018

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Degree of Bachelor of Information Sciences (Honours) requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for the Bachelor of Information Sciences having achieved a B+ grade average over the 300-level majoring courses of the intended subject area; or
   (c) have passed 240 credits towards the Degree of Bachelor of Information Sciences having achieved an A- grade average, and including at least 195 credits above 100 level and having met the requirements for at least one major.

Qualification Requirements
2. Candidates for the Degree of Bachelor of Information Sciences (Honours) shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) 120 credits at 700 level selected from the Schedule for the Qualification;
   (b) any compulsory courses listed in the Schedule for the Qualification;
   (c) completion of a subject;
   (d) attending workshops, block courses, tutorials or laboratories as required.

Specialisations
3. Candidates shall complete a subject by passing at least 120 credits in a subject including completion of a research or project course. The requirements for each subject are set out in the Schedule for the Qualification.
4. Approved subjects are: Computer Science, Information Technology.
5. Approved joint subject is Software Engineering.

Student Progression
6. Candidates admitted to the Degree under Regulation 1(c) must maintain an A- grade average over the remaining Bachelor of Information Science requirements to remain in the programme.

Completion Requirements
7. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
8. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Science and Technology, or for candidates admitted under Regulation 1(c) the award of Bachelor of Information Sciences, should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
9. The general Unsatisfactory Academic Progress regulations will apply.

Schedules to the Degree of Bachelor of Information Sciences with Honours

Computer Science
Compulsory courses (30 credits):
- 159.794 Project
- 159.795 Project

Specialist courses (90 credits):
- 159.702 Knowledge Engineering
- 159.703 Advanced Computer Systems
- 159.704 Systems Programming
- 159.707 Advanced Software Design and Construction
- 159.709 Computer Graphics
- 159.710 User Interface Design
- 159.731 Studies in Computer Vision
- 159.732 Studies in Computer Programming
- 159.735 Studies in Parallel and Distributed Systems
- 159.736 Studies in Operating Systems and Architecture
- 159.737 Studies in Compilers and Grammars
- 159.738 Special Topic
- 159.739 Special Topic
- 159.740 Studies in Intelligent Systems

Information Technology
Compulsory courses (30 credits):
- 158.780 Information Technology Project Part 1
- 158.781 Information Technology Project Part 2

Specialist courses (90 credits):
- 158.738 Implementation and Management of Systems Security
- 158.750 Information Sciences Research Methods
- 158.751 Object-Oriented Software Development – Theory and Practice
- 158.752 Agile Software Engineering
- 158.753 Rapid Application Development
- 158.755 Data Science – Making Sense of Data
- 158.757 User Interface Design and Evaluation
- 158.758 Mobile Systems Development
- 158.762 Software Quality and Reliability
- 159.738 Special Topic
- 159.739 Special Topic
### Software Engineering

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>158.780</td>
<td>Information Technology Project Part 1</td>
<td>15</td>
</tr>
<tr>
<td>158.781</td>
<td>Information Technology Project Part 2</td>
<td>15</td>
</tr>
<tr>
<td>158.794</td>
<td>Project</td>
<td>15</td>
</tr>
<tr>
<td>158.795</td>
<td>Project</td>
<td>15</td>
</tr>
</tbody>
</table>

### Computer Science Component (45 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>159.709</td>
<td>Computer Graphics</td>
<td>15</td>
</tr>
<tr>
<td>159.731</td>
<td>Studies in Computer Vision</td>
<td>15</td>
</tr>
<tr>
<td>159.732</td>
<td>Studies in Computer Programming</td>
<td>15</td>
</tr>
<tr>
<td>159.735</td>
<td>Studies in Parallel and Distributed Systems</td>
<td>15</td>
</tr>
<tr>
<td>159.736</td>
<td>Studies in Operating Systems and Architecture</td>
<td>15</td>
</tr>
</tbody>
</table>

### Information Technology Component (45 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>159.737</td>
<td>Studies in Compilers and Grammars</td>
<td>15</td>
</tr>
</tbody>
</table>

### The Degree of Bachelor of Science with Honours BSc(Hons)

#### Qualification Regulations

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

**Admission**

1. Admission to the Degree of Bachelor of Science with Honours requires that the candidate will:
   - (a) meet the University admission requirements as specified, and:
   - (b) have been awarded or qualified for the Bachelor of Science with a major in the intended postgraduate subject, or equivalent, having achieved a minimum B+ grade average over the 300-level majoring courses of the qualifying programme; or
   - (c) have been awarded or qualified for a Bachelor’s degree, followed by a Graduate Diploma in Science and Technology comprising approved 300-level courses in the intended postgraduate subject, or equivalent, with a minimum B+ grade average over the 300-level courses.

**Qualification Requirements**

2. Candidates for the Degree of Bachelor of Science with Honours shall follow a flexible course of study, which shall consist of courses totalling at least 120 credits, comprising:
   - (a) 120 credits at 700-level selected from the Schedule for the Qualification;
   - (b) completion of a subject;
   - (c) a research report or project of at least 30 credits; and
   - (d) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

**Specialisations**

3. Candidates must complete a subject by passing at least 120 credits in a subject, including any compulsory courses and a research report of at least 30 credits. The requirements for each subject are set out in the Schedule for the Qualification.

4. Notwithstanding Regulations 2 and 3, and subject to academic merit, approval of the relevant Postgraduate Subject Leader, availability of a suitable project, and availability of appropriate supervision, candidates may be invited to complete the Degree by graduating 30 credits of 700-level taught courses in a subject and a 90-credit research course selected from Schedule B.


#### Student Progression

6. The Degree of Bachelor of Science with Honours will be awarded with a class of Honours.

#### Completion Requirements

7. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

8. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes. Candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Science and Technology or Postgraduate Diploma in Science and Technology should they meet the relevant Qualification requirements.

#### Unsatisfactory Academic Progress

9. The general Unsatisfactory Academic Progress regulations will apply.

**Schedule for the Bachelor of Science with Honours**

**Schedule A**

### Agricultural Science

**Compulsory course (30 credits):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>238.798</td>
<td>Research Report</td>
<td>30</td>
</tr>
<tr>
<td>119.728</td>
<td>Research Practice</td>
<td>15</td>
</tr>
<tr>
<td>162.760</td>
<td>Research Methods and Communication in the Biosciences</td>
<td>30 R 162.750</td>
</tr>
</tbody>
</table>

**Subject Courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>117.761</td>
<td>Ruminant Livestock Feeding</td>
<td>15</td>
</tr>
<tr>
<td>117.762</td>
<td>Intensive Livestock Feeding</td>
<td>15</td>
</tr>
<tr>
<td>117.764</td>
<td>Growth and Meat Science</td>
<td>15</td>
</tr>
<tr>
<td>117.765</td>
<td>Genetics and Breeding</td>
<td>15</td>
</tr>
<tr>
<td>117.767</td>
<td>Reproduction and Fertility</td>
<td>15</td>
</tr>
<tr>
<td>117.768</td>
<td>Metabolism and Endocrinology</td>
<td>15</td>
</tr>
<tr>
<td>117.769</td>
<td>Lactation and Milk Production</td>
<td>15</td>
</tr>
<tr>
<td>117.771</td>
<td>Dairy Production</td>
<td>15</td>
</tr>
<tr>
<td>117.772</td>
<td>Sheep Production</td>
<td>15</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
</tr>
<tr>
<td>-------------</td>
<td>------------------------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>117.777</td>
<td>Beef Cattle Production</td>
<td>15</td>
</tr>
<tr>
<td>117.774</td>
<td>Pig Production</td>
<td>15</td>
</tr>
<tr>
<td>117.775</td>
<td>Deer Production</td>
<td>15</td>
</tr>
<tr>
<td>117.776</td>
<td>Poultry Production</td>
<td>15</td>
</tr>
<tr>
<td>117.783</td>
<td>Advanced Studies in Animal Science</td>
<td>15</td>
</tr>
<tr>
<td>117.784</td>
<td>Advanced Studies in Animal Science</td>
<td>30</td>
</tr>
<tr>
<td>118.752</td>
<td>Advanced Soil Fertility</td>
<td>30</td>
</tr>
<tr>
<td>118.753</td>
<td>Soil and Land Evaluation</td>
<td>30</td>
</tr>
<tr>
<td>118.755</td>
<td>Soil and Water Pollution</td>
<td>30</td>
</tr>
<tr>
<td>118.757</td>
<td>Advanced Soil Conservation</td>
<td>15</td>
</tr>
<tr>
<td>119.758</td>
<td>Advanced Soil Water Management</td>
<td>15</td>
</tr>
<tr>
<td>283.701</td>
<td>Advanced Pasture Production and Practice</td>
<td>15</td>
</tr>
<tr>
<td>283.702</td>
<td>Advanced Agronomy</td>
<td>30</td>
</tr>
<tr>
<td>283.704</td>
<td>Urban and Farm Forestry</td>
<td>15</td>
</tr>
<tr>
<td>283.707</td>
<td>Plant Breeding</td>
<td>30</td>
</tr>
<tr>
<td>283.708</td>
<td>Quantitative Plant Breeding</td>
<td>30</td>
</tr>
<tr>
<td>284.703</td>
<td>Vegetable Production Science</td>
<td>15</td>
</tr>
<tr>
<td>284.704</td>
<td>Fruit Production Science</td>
<td>15</td>
</tr>
<tr>
<td>284.741</td>
<td>Post-harvest Physiology</td>
<td>30</td>
</tr>
<tr>
<td>286.701</td>
<td>Advanced Equine Production</td>
<td>15</td>
</tr>
<tr>
<td>286.711</td>
<td>Equine Science</td>
<td>15</td>
</tr>
</tbody>
</table>

**Animal Science**

Compulsory courses (60 credits):

117.728 Research Practice 15
151.709 Biometrics for the Animal and Nutritional Sciences 15
117.799 Research Report 30

At least 30 credits from:

117.761 Ruminant Livestock Feeding 15 P 117.342 or 117.371 or 117.381
117.762 Intensive Livestock Feeding 15 P 117.342
117.764 Growth and Meat Science 15 P 117.344
117.765 Genetics and Breeding 15 P 117.345
117.767 Reproduction and Fertility 15 P 117.347
117.768 Metabolism and Endocrinology 15 P 117.348
117.769 Lactation and Milk Production 15 P 117.347

Subject courses:

117.771 Dairy Production 15 P 117.351 or 117.371 or 117.381
117.772 Sheep Production 15 P 117.352 or 117.371 or 117.381
117.773 Beef Cattle Production 15 P 117.353 or 117.371 or 117.381
117.774 Pig Production 15 P 117.354 or 117.371 or 117.381
117.775 Deer Production 15 P 117.355
117.776 Poultry Production 15 P 117.354 or 117.371 or 117.381
117.783 Advanced Studies in Animal Science 15
117.784 Advanced Studies in Animal Science 30
122.703 Gene Expression 30 P One of 122.303, 203.342, 203.340

**Biochemistry**

Compulsory courses (60 credits):

122.703 Gene Expression 30 P One of 122.303, 203.342, 203.340
122.798 Research Report 30 P Two of 122.322, 122.327, 123.303, 203.340, 203.342, 203.343

At least 30 credits from:

122.704 Molecular Cell Biology 30 P One of 122.322, 122.327, 123.326, 203.307, 203.340, 203.342, 203.343
247.712 Advanced Topics in Molecular Biology 30 P One of 122.303, 122.322, 123.326, 194.346, 203.300, 203.307, 203.340, 203.341, 203.342, 203.343

Subject courses:

122.713 Advanced Topics in Biochemistry 15 P One of 122.303, 122.322, 123.326, 203.300, 203.307, 203.340, 203.342, 203.343
162.760 Research Methods and Communication in the Biosciences 30 R 162.750

**Biological Sciences**

Compulsory course (30 credits from):

120.798 Research Report 30 P 120.3xx
122.798 Research Report 30 P Two of 122.322, 122.327, 123.303, 203.340, 203.341, 203.342, 203.343
Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Required Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>120.713</td>
<td>Advanced Topics in Plant Biology</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>120.714</td>
<td>Botanical Evolution</td>
<td>15</td>
<td>120.3xx, 120.713</td>
</tr>
<tr>
<td>120.715</td>
<td>Advanced Topics in Evolutionary Genetics</td>
<td>30</td>
<td>120.3xx, 196.3xx</td>
</tr>
<tr>
<td>122.703</td>
<td>Gene Expression</td>
<td>30</td>
<td>122.303, 203.340, 203.342, 203.344, 162.312, 194.346</td>
</tr>
<tr>
<td>122.704</td>
<td>Molecular Cell Biology</td>
<td>30</td>
<td>122.322, 122.327, 123.326, 203.307, 203.340, 203.342, 194.346</td>
</tr>
<tr>
<td>122.713</td>
<td>Advanced Topics in Biochemistry</td>
<td>15</td>
<td>122.393, 122.394, 203.307, 203.340, 203.342</td>
</tr>
<tr>
<td>162.704</td>
<td>Current Topics in Microbiology</td>
<td>30</td>
<td>162.702</td>
</tr>
<tr>
<td>162.760</td>
<td>Research Methods and Communication in the Biosciences</td>
<td>30</td>
<td>R 162.750</td>
</tr>
<tr>
<td>194.703</td>
<td>Neurophysiology and Neuroendocrinology</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>194.704</td>
<td>Reproductive Physiology</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>194.705</td>
<td>Digestive Physiology</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>194.706</td>
<td>Perinatal Physiology</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>194.707</td>
<td>Conservation Endocrinology and Reproductive Biology</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>194.731</td>
<td>Animal Welfare Science</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>194.732</td>
<td>Advanced Cell Physiology</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>196.712</td>
<td>Aquatic Ecology</td>
<td>30</td>
<td>196.313 or 121.313</td>
</tr>
<tr>
<td>196.713</td>
<td>Ecology</td>
<td>30</td>
<td>196.3xx or 199.3xx</td>
</tr>
<tr>
<td>196.726</td>
<td>Plant Ecology</td>
<td>30</td>
<td>196.316</td>
</tr>
<tr>
<td>199.714</td>
<td>Animal Behaviour</td>
<td>30</td>
<td>199.312</td>
</tr>
<tr>
<td>199.717</td>
<td>Entomology</td>
<td>30</td>
<td>199.310 or 285.301</td>
</tr>
<tr>
<td>199.719</td>
<td>Topics in Biodiversity</td>
<td>15</td>
<td>199.317 or 120.303 or 198.318; R 199.718</td>
</tr>
<tr>
<td>203.761</td>
<td>Molecular Evolution</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>232.701</td>
<td>Conservation Biology</td>
<td>30</td>
<td>R 196.719</td>
</tr>
<tr>
<td>247.790</td>
<td>Special Topic Applied Statistics</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

Chemistry

Compulsory courses (60 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Required Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>123.711</td>
<td>Research Methods in Chemistry and Nanoscience</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>123.798</td>
<td>Research Report</td>
<td>30</td>
<td></td>
</tr>
</tbody>
</table>

Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Required Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>123.712</td>
<td>Advanced Nanoscience and Physical Chemistry</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>123.713</td>
<td>Advanced Chemical Synthesis</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>124.712</td>
<td>Condensed Matter Physics</td>
<td>15</td>
<td>124.325 and one of 124.327, 124.332, 124.316</td>
</tr>
<tr>
<td>124.762</td>
<td>Chemical Physics</td>
<td>15</td>
<td>124.325 and one of 124.327, 124.332, 124.316</td>
</tr>
</tbody>
</table>

Computer Science

Compulsory courses (30 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>159.794</td>
<td>Project</td>
<td>15</td>
</tr>
<tr>
<td>159.795</td>
<td>Project</td>
<td>15</td>
</tr>
</tbody>
</table>

Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>159.702</td>
<td>Knowledge Engineering</td>
<td>15</td>
</tr>
<tr>
<td>159.703</td>
<td>Advanced Computer Systems</td>
<td>15</td>
</tr>
<tr>
<td>159.704</td>
<td>Systems Programming</td>
<td>15</td>
</tr>
</tbody>
</table>

Earth Science

Compulsory course (30 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>233.799</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>

Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>233.701</td>
<td>Advanced Pedology</td>
<td>30</td>
</tr>
<tr>
<td>233.705</td>
<td>Volcanology and Tephrochronology</td>
<td>30</td>
</tr>
<tr>
<td>233.706</td>
<td>Environmental Geographical Information Systems</td>
<td>30</td>
</tr>
<tr>
<td>233.707</td>
<td>Environmental Remote Sensing</td>
<td>30</td>
</tr>
<tr>
<td>233.708</td>
<td>Geochemistry</td>
<td>30</td>
</tr>
<tr>
<td>233.709</td>
<td>Advanced Sedimentology</td>
<td>30</td>
</tr>
<tr>
<td>233.710</td>
<td>Geology; Hazard and Society; Environmental Geology A</td>
<td>15</td>
</tr>
<tr>
<td>233.711</td>
<td>Applied Environmental Geology; Environmental Geology B</td>
<td>15</td>
</tr>
<tr>
<td>233.721</td>
<td>Global Climate Change</td>
<td>15</td>
</tr>
<tr>
<td>233.722</td>
<td>Advanced Quaternary Geology</td>
<td>15</td>
</tr>
</tbody>
</table>

May include 15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>119.728</td>
<td>Research Practice</td>
<td>15</td>
</tr>
<tr>
<td>119.729</td>
<td>Research Methods</td>
<td>15</td>
</tr>
</tbody>
</table>

Ecology

Compulsory course (30 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>196.798</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>

At least 60 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>196.712</td>
<td>Aquatic Ecology</td>
<td>30</td>
</tr>
<tr>
<td>196.713</td>
<td>Ecology</td>
<td>30</td>
</tr>
<tr>
<td>196.726</td>
<td>Plant Ecology</td>
<td>30</td>
</tr>
</tbody>
</table>

Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>120.713</td>
<td>Advanced Topics in Plant Biology</td>
<td>30</td>
</tr>
<tr>
<td>120.714</td>
<td>Botanical Evolution</td>
<td>15</td>
</tr>
<tr>
<td>120.715</td>
<td>Advanced Topics in Evolutionary Genetics</td>
<td>30</td>
</tr>
<tr>
<td>199.714</td>
<td>Animal Behaviour</td>
<td>30</td>
</tr>
<tr>
<td>199.717</td>
<td>Entomology</td>
<td>30</td>
</tr>
<tr>
<td>199.719</td>
<td>Topics in Biodiversity</td>
<td>15</td>
</tr>
<tr>
<td>232.701</td>
<td>Conservation Biology</td>
<td>30</td>
</tr>
<tr>
<td>232.703</td>
<td>Wildlife Management</td>
<td>30</td>
</tr>
<tr>
<td>232.704</td>
<td>Wildlife Disease</td>
<td>30</td>
</tr>
<tr>
<td>232.705</td>
<td>Captive Breeding and Management</td>
<td>30</td>
</tr>
</tbody>
</table>
### Exercise and Sport Science

**Compulsory course (30 credits):**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.799</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>

**15 credits from:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>119.728</td>
<td>Research Practice</td>
<td>15</td>
</tr>
<tr>
<td>119.729</td>
<td>Research Methods</td>
<td>15</td>
</tr>
<tr>
<td>151.709</td>
<td>Biometrics for the Animal and Nutritional Sciences</td>
<td>15</td>
</tr>
<tr>
<td>234.771</td>
<td>Research Methods in Sport and Exercise</td>
<td>15</td>
</tr>
</tbody>
</table>

**Subject courses:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.716</td>
<td>Advanced Physical Conditioning</td>
<td>30</td>
</tr>
<tr>
<td>234.717</td>
<td>Advanced Exercise Prescription for Musculoskeletal Conditions</td>
<td>15</td>
</tr>
<tr>
<td>234.718</td>
<td>Advanced Exercise Prescription for Cardiopulmonary Conditions</td>
<td>30</td>
</tr>
<tr>
<td>234.719</td>
<td>Advanced Topics in Clinical Exercise, Health and Disease</td>
<td>30</td>
</tr>
<tr>
<td>234.720</td>
<td>Skeletal Muscle Metabolism</td>
<td>15</td>
</tr>
<tr>
<td>234.721</td>
<td>Muscle Mechanics</td>
<td>15</td>
</tr>
<tr>
<td>234.722</td>
<td>Advanced Biomechanics</td>
<td>15</td>
</tr>
<tr>
<td>234.723</td>
<td>Advanced Topics in Exercise Science</td>
<td>15</td>
</tr>
</tbody>
</table>

### Genetics

**Compulsory courses (90 credits):**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>162.760</td>
<td>Research Methods and Communication in the Biosciences</td>
<td>30</td>
</tr>
<tr>
<td>203.762</td>
<td>Genetic Analysis</td>
<td>30</td>
</tr>
<tr>
<td>203.798</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>

**Subject courses:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>120.715</td>
<td>Advanced Topics in Evolutionary Genetics</td>
<td>30</td>
</tr>
<tr>
<td>122.703</td>
<td>Gene Expression</td>
<td>30</td>
</tr>
<tr>
<td>122.713</td>
<td>Advanced Topics in Biochemistry</td>
<td>15</td>
</tr>
<tr>
<td>161.744</td>
<td>Statistical Genetics</td>
<td>15</td>
</tr>
<tr>
<td>203.761</td>
<td>Molecular Evolution</td>
<td>15</td>
</tr>
<tr>
<td>247.712</td>
<td>Advanced Topics in Molecular Biology</td>
<td>30</td>
</tr>
</tbody>
</table>

### Geography

**Compulsory course (30 credits):**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>145.799</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>

**At least 60 credits from:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>145.730</td>
<td>Applied Coastal Geomorphology</td>
<td>15</td>
</tr>
<tr>
<td>145.731</td>
<td>Applied Fluvial Geomorphology</td>
<td>15</td>
</tr>
<tr>
<td>145.732</td>
<td>Landslide Investigation and Management</td>
<td>15</td>
</tr>
<tr>
<td>145.734</td>
<td>Palaeoecology, Palynology and Biogeography</td>
<td>15</td>
</tr>
<tr>
<td>145.735</td>
<td>Detecting Geomorphic Change</td>
<td>15</td>
</tr>
<tr>
<td>145.736</td>
<td>Advanced Physical Geography Techniques</td>
<td>15</td>
</tr>
</tbody>
</table>

### Horticultural Science

**Compulsory course (30 credits):**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>238.798</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>

**At least 15 credits from:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>119.728</td>
<td>Research Practice</td>
<td>15</td>
</tr>
<tr>
<td>119.729</td>
<td>Research Methods</td>
<td>15</td>
</tr>
<tr>
<td>162.760</td>
<td>Research Methods and Communication in the Biosciences</td>
<td>30</td>
</tr>
</tbody>
</table>

### Human Nutrition

**Compulsory courses (90 credits):**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>151.708</td>
<td>Nutritional Research Methods</td>
<td>15</td>
</tr>
<tr>
<td>151.709</td>
<td>Biometrics for the Animal and Nutritional Sciences</td>
<td>15</td>
</tr>
<tr>
<td>151.718</td>
<td>Advanced Topics in Macronutrient Nutrition</td>
<td>15</td>
</tr>
<tr>
<td>151.719</td>
<td>Advanced Topics in Micronutrient Nutrition</td>
<td>15</td>
</tr>
<tr>
<td>151.799</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>

**Subject courses:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>151.704</td>
<td>Human Nutrition</td>
<td>15</td>
</tr>
<tr>
<td>151.707</td>
<td>Food Technology/Nutrition Interface</td>
<td>15</td>
</tr>
<tr>
<td>151.715</td>
<td>Advanced Sports Nutrition</td>
<td>15</td>
</tr>
<tr>
<td>151.716</td>
<td>Advanced Nutrition and Disease</td>
<td>15</td>
</tr>
<tr>
<td>151.717</td>
<td>Selected Topics in Public Health Nutrition</td>
<td>15</td>
</tr>
</tbody>
</table>

### Mathematics

**Compulsory course (30 credits):**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.783</td>
<td>Mathematics Project</td>
<td>30</td>
</tr>
</tbody>
</table>

**Subject courses:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.702</td>
<td>Advanced Algebra</td>
<td>15</td>
</tr>
<tr>
<td>160.703</td>
<td>Advanced Analysis</td>
<td>15</td>
</tr>
<tr>
<td>160.704</td>
<td>Studies in Theoretical Mathematics</td>
<td>15</td>
</tr>
</tbody>
</table>
### Microbiology

Compulsory courses (90 credits):

- **122.703** Gene Expression 30
- **122.704** Molecular Cell Biology 30
- **122.713** Advanced Topics in Biochemistry 15
- **203.761** Molecular Evolution 15
- **247.712** Advanced Topics in Molecular Biology 30

### Nanoscience

Compulsory courses (60 credits):

- **123.711** Research Methods in Chemistry and Nanoscience 30
- **236.798** Research Report 30

### Plant Biology

Compulsory courses (90 credits):

- **120.713** Advanced Topics in Plant Biology 30
- **120.798** Research Report 30
- **162.760** Research Methods and Communication in the Biosciences 30

### Physics

Compulsory course (30 credits):

- **124.798** Research Report 30

Subject courses:

- **124.712** Condensed Matter Physics 15
- **124.721** Quantum Mechanics and Group Theory 15
- **124.722** Relativistic Quantum Mechanics and Field Theory 15
- **124.761** Topics in Statistical Physics and Random Processes 15
- **124.762** Chemical Physics 15

Up to 30 credits from:

- **123.711** Research Methods in Chemistry and Nanoscience 30
- **160.704** Studies in Theoretical Mathematics 15
- **160.715** Advanced Computational Methods 15
- **160.733** Methods of Applied Mathematics 15
- **160.734** Studies in Applied Differential Equations 15
- **160.737** Studies in Mathematical Physics 15

### Physiology

Compulsory course (30 credits):

- **194.799** Research Report 30

At least 15 credits from:

- **119.728** Research Practice 15
- **119.729** Research Methods 15
- **162.760** Research Methods and Communication in the Biosciences 30

Subject courses:

- **194.703** Neurophysiology and Neuroendocrinology 30
- **194.704** Reproductive Physiology 30
- **194.705** Digestive Physiology 30
- **194.707** Perinatal Physiology 30
- **194.709** Conservation Endocrinology and Reproductive Biology 30
- **194.731** Animal Welfare Science 30
- **194.732** Advanced Cell Physiology 30

### BACHELOR'S HONOURS DEGREES

- **124.721** Quantum Mechanics and Group Theory 15
- **124.722** Relativistic Quantum Mechanics and Field Theory 15
- **124.761** Topics in Statistical Physics and Random Processes 15
- **124.762** Chemical Physics 15
- **123.711** Research Methods in Chemistry and Nanoscience 30
- **160.704** Studies in Theoretical Mathematics 15
- **160.715** Advanced Computational Methods 15
- **160.733** Methods of Applied Mathematics 15
- **160.734** Studies in Applied Differential Equations 15
- **160.737** Studies in Mathematical Physics 15
- **123.711** Research Methods in Chemistry and Nanoscience 30
- **160.704** Studies in Theoretical Mathematics 15
- **160.715** Advanced Computational Methods 15
## Psychology

Compulsory courses (45 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.738</td>
<td>Psychological Research: Principles of Design</td>
<td>15</td>
</tr>
<tr>
<td>175.799</td>
<td>Research Report (30)</td>
<td>30</td>
</tr>
</tbody>
</table>

Subject courses:

- 175.718 Postmodernism and Psychology: 15 credits
- 175.719 Applied Criminal Psychology: 15 credits
- 175.720 Advanced Psychology of Women: 15 credits
- 175.721 Child and Family Therapy: 15 credits
- 175.722 Principles of Clinical Neuropsychology: 15 credits
- 175.724 Advanced Experimental Psychology: 30 credits (P 175.203 and either 175.205 or 175.206)
- 175.725 Advanced Social Psychology: 30 credits
- 175.726 Psychology and Culture: 15 credits
- 175.730 Professional Practice in Psychology: 15 credits
- 175.732 Psychological Well-being in Organisations: 15 credits
- 175.733 Sustainable livelihood: 15 credits
- 175.734 Child Clinical Neuropsychology: 15 credits
- 175.737 Occupational Psychology: 15 credits
- 175.739 Health Psychology: Understanding Health and Illness: 15 credits
- 175.740 Occupational Health Psychology: 15 credits
- 175.741 Psychological Assessment in Organisations: 15 credits
- 175.743 Health Psychology: The Social Context: 15 credits
- 175.744 Health Psychology: Promoting Health: 15 credits
- 175.746 Psychological Research: Multivariate Data Analysis: 15 credits
- 175.747 The Psychology of Sport and Exercise: 15 credits
- 175.748 The Psychology of Organisational Change: 15 credits
- 175.751 Neuropsychological Rehabilitation: 15 credits
- 175.761 Theory and Practice of Cognitive Behaviour Therapy: 15 credits
- 175.781 Clinical Psychopathology: 15 credits
- 175.782 Clinical Psychology Assessment: 15 credits
- 175.783 Clinical Psychology Interventions: 15 credits

## Soil Science

Compulsory course (30 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>189.798</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>

Subject courses:

- 119.710 Nutrient Management in Grazed Pasture Systems: 30 credits
- 119.711 Nutrient Management in Arable Systems: 15 credits
- 189.752 Advanced Soil Fertility: 30 credits
- 189.753 Soil and Land Evaluation: 30 credits (P 189.364)
- 189.755 Soil and Water Pollution: 30 credits (P 189.363)
- 189.757 Advanced Soil Conservation: 15 credits (P 189.252)
- 189.758 Advanced Soil Water Management: 15 credits (P 189.252)
- 233.701 Advanced Pedology: 30 credits (P 189.364)
- 233.705 Volcanology and Tephrochronology: 30 credits

## Statistics

Compulsory courses (45 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>161.705</td>
<td>Advanced Statistical Inference</td>
<td>15</td>
</tr>
<tr>
<td>161.782</td>
<td>Statistical Analysis Project</td>
<td>30</td>
</tr>
</tbody>
</table>

Subject courses:

- 161.704 Bayesian Statistics: 15 credits
- 161.709 Topic in Statistical Theory: 15 credits
- 161.725 Statistical Quality Control: 15 credits
- 161.729 Topics in Applied Statistics: 15 credits
- 161.743 Statistical Reliability and Survival Analysis: 15 credits
- 161.744 Statistical Genetics: 15 credits
- 161.770 Statistical Consulting: 15 credits

Subject courses (maximum 15 credits):

- 161.762 Multivariate Analysis for Big Data: 15 credits (R 161.323, 161.772)
- 161.771 Analysis of Experiments for Researchers: 15 credits (R 161.321)
- 161.772 Multivariate Analysis for Researchers: 15 credits (R 161.323, 161.762)
- 161.777 Practical Data Mining: 15 credits (R 161.223 and 161.324)
- 161.778 Biostatistics for Researchers: 15 credits (R 161.331)

## Zoology

Compulsory course (30 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>199.798</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>

At least 45 credits from:

- 199.714 Animal Behaviour: 30 credits (P 199.312)
- 199.717 Entomology: 30 credits (P 199.310 or 285.301)
- 199.719 Topics in Biodiversity: 15 credits (P 199.317 or 120.303 or 196.318; R 199.718)

Subject courses:

- 194.709 Conservation Endocrinology and Reproductive Biology: 30 credits

Up to 30 credits from:

- 194.703 Neurophysiology and Neuroendocrinology: 30 credits
- 194.704 Reproductive Physiology: 30 credits
- 194.705 Digestive Physiology: 30 credits
- 194.707 Perinatal Physiology: 30 credits
- 194.731 Animal Welfare Science: 30 credits
- 194.732 Advanced Cell Physiology: 30 credits
- 196.711 Aquatic Ecology: 30 credits (P 196.313 or 121.313)
- 196.713 Ecology: 30 credits (P 196.3xx or 199.3xx)
- 196.726 Plant Ecology: 30 credits (P 196.316)
- 232.701 Conservation Biology: 30 credits (R 196.719)

## Schedule B

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>247.795</td>
<td>BSc Honours Research Portfolio</td>
<td>90</td>
</tr>
</tbody>
</table>
The Degree of Bachelor of Sport and Exercise with Honours  
BSpEx(Hons)

No new enrolments from 2017

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Bachelor of Sport and Exercise with Honours requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for the Bachelor of Sport and Exercise with a minimum Grade Average B+ or an equivalent qualification.

Qualification Requirements

2. Candidates for the Degree of Bachelor of Sport and Exercise with Honours shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits at 700-level, comprising:
   (a) courses selected from the Schedule to the Degree; and
   (b) any compulsory courses listed in the Schedule to the Degree; and
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations

3. The Degree of Bachelor of Sport and Exercise with Honours is awarded without a specialisation.

Student Progression

4. The Degree of Bachelor of Sport and Exercise with Honours will be awarded with a class of Honours.

Completion Requirements

5. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress

7. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Bachelor of Sport and Exercise with Honours

Compulsory courses (45 credits):

- 234.771 Research Methods in Sport and Exercise 15
- 234.799 Research Report 30

Subject courses:

- 175.747 The Psychology of Sport and Exercise 15
- 234.716 Advanced Physical Conditioning 30 R 234.705, 152.719
- 234.717 Advanced Exercise Prescription for Musculoskeletal Conditions 15
- 234.718 Advanced Exercise Prescription for Cardiopulmonary Conditions 30
- 234.719 Advanced Topics in Clinical Exercise, Health and Disease 30
- 234.720 Skeletal Muscle Metabolism 15 R 234.702
- 234.721 Muscle Mechanics 15 R 234.751, 234.701
- 234.722 Advanced Biomechanics 15 R 234.753, 234.704
- 234.723 Advanced Topics in Exercise Science 15 R 234.703
- 234.731 Advanced Sport in the Social Context 30 R 152.710
- 234.732 Advanced Sport Management 30 R 152.711
- 234.736 Advanced Sport Coaching 30 R 152.713
- 234.738 Advanced Sport Practicum 30 R 152.715
- 234.745 Advanced Application of Māori Perspectives to Health and Physical Education 30
- 234.790 Special Topic 15
**Qualification Regulations**

**Part I**
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

**Qualification Requirements**

2. Candidates for the Bachelor of Accountancy shall follow a programme of study, which shall consist of courses totalling at least 360 credits, comprising:

(a) not more than 135 credits at 100 level;

(b) at least 75 credits at 300 level;

And including:

(c) all of the core courses listed in Schedule A of the Schedule to the Qualification (270 credits);

(d) courses as specified in Schedule B to the Qualification (45 credits), including at least 15 credits from 110.329 or 110.379 and no more than 15 credits from 125.320 or 125.330;

(e) one numeracy course as specified in Schedule C to the Qualification (15 credits);

(f) Two courses with a 114, 115, 125, 127, 152, 153, 155, 156, 157, or 178 prefixes with at least 15 credits above 100 level (30 credits).

**Specialisations**

3. There are no specialisations for this degree.
Schedule for the Degree of Bachelor of Accountancy

Schedule A

Core courses for the Degree of Bachelor of Accountancy (270 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>110.109</td>
<td>Introductory Financial Accounting</td>
<td>15</td>
</tr>
<tr>
<td>110.209</td>
<td>Intermediate Financial Accounting</td>
<td>15</td>
</tr>
<tr>
<td>110.229</td>
<td>Management Accounting</td>
<td>15</td>
</tr>
<tr>
<td>110.249</td>
<td>Accounting Information Systems</td>
<td>15</td>
</tr>
<tr>
<td>110.279</td>
<td>Auditing</td>
<td>15</td>
</tr>
<tr>
<td>110.289</td>
<td>Taxation</td>
<td>15</td>
</tr>
<tr>
<td>110.303</td>
<td>Integrative Accounting</td>
<td>15</td>
</tr>
<tr>
<td>110.309</td>
<td>Advanced Financial Accounting</td>
<td>15</td>
</tr>
<tr>
<td>115.111</td>
<td>Strategic Workplace Communication</td>
<td>15</td>
</tr>
<tr>
<td>115.112</td>
<td>Accounting for Business</td>
<td>15</td>
</tr>
<tr>
<td>115.113</td>
<td>Economics of Business</td>
<td>15</td>
</tr>
<tr>
<td>115.114</td>
<td>Finance Fundamentals</td>
<td>15</td>
</tr>
<tr>
<td>115.115</td>
<td>Management in Context</td>
<td>15</td>
</tr>
<tr>
<td>115.116</td>
<td>Introduction to Marketing</td>
<td>15</td>
</tr>
<tr>
<td>115.211</td>
<td>Business Law</td>
<td>15</td>
</tr>
<tr>
<td>125.230</td>
<td>Business Finance</td>
<td>15</td>
</tr>
<tr>
<td>155.203</td>
<td>Law of Business Organisations</td>
<td>15</td>
</tr>
<tr>
<td>155.210</td>
<td>Commercial Law</td>
<td>15</td>
</tr>
</tbody>
</table>

Schedule B

Accountancy and Finance courses for Bachelor of Accountancy (45 credits)

(i) At least 15 credits from:

- 110.329 Advanced Management Accounting
- 110.379 Advanced Auditing

(ii) Up to 30 credits from:

- 110.389 Advanced Taxation
- 125.320 International Finance

(iii) No more than 15 credits from:

- 125.330 Advanced Business Finance

Schedule C

Numeracy courses for Bachelor of Accountancy (15 credits)

- 161.101 Statistics for Business
- 161.120 Introductory Statistics

The Degree of Bachelor of AgriCommerce

BAgriCommerce

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Bachelor of AgriCommerce requires that the candidate will meet the University admission requirements as specified.

Qualification Requirements

2. Candidates for the Degree of Bachelor of AgriCommerce shall follow a flexible programme of study, which shall consist of courses totalling at least 360 credits, comprising:

(a) not more than 165 credits at 100 level;
(b) at least 75 credits at 300 level;
And including:

(c) the core courses listed in Schedule A for the Qualification, including either Option I or Option II or Option III from Part Two depending on the major selected;
(d) completion of at least one major;
(e) attending field trips, studios, workshops, tutorials and laboratories as required.

3. Candidates who, in the opinion of the Academic Board, have passed with sufficient merit subjects for either a Diploma in Farm or Horticultural Management from a New Zealand university, or relevant subjects from some other recognised tertiary qualification, may be cross-credited with specified or unspecified courses not exceeding a total of 120 credits.

Specialisations

4. Candidates may complete a major by passing at least 90 credits in a major including 30 credits at 200 level and 45 credits at 300 level. The requirements for each major are set out in Schedule B for the Qualification.

5. No course may be credited to more than one major subject.

6. Majors available are Agricultural Economics, Farm Management, International Agribusiness, Food Marketing and Retailing, Māori Agribusiness, and Rural Valuation.

7. Candidates who complete the Rural Valuation major must additionally meet the non-academic requirements specified by the Valuers Registration Board for eligibility to apply for registration.

8. Candidates may include a minor in the Bachelor of AgriCommerce.

(a) A minor must include a minimum of 60 credits, including at least 45 credits above 100 level, of which at least 15 credits must be at 300 level.
(b) The requirements for each minor are set out in Schedule B for the Qualification.

(c) The minor must be in a different subject area from the major(s).

(d) Minors may be included from any undergraduate degree within the University for which recognised minors are specified.

(e) Where the minor is from another undergraduate degree the regulations of that programme for the minor will apply.

(f) No course may be credited to both a major and a minor.

(g) No course may be credited to more than one minor subject.

Academic Requirements
10. Candidates must complete to the satisfaction of the Academic Board a period of not less than 26 weeks of approved practical work experience and associated reports in accordance with the requirements of 119.150 Practicum I, and 119.250 Practicum II.

Completion Requirements
11. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.
12. Candidates may be graduated when they meet the Qualification and Academic requirements within the prescribed timeframes. Candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Diploma in Science and Technology should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
13. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions
14. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates who have completed at least 15 credits towards the Bachelor of AgriCommerce prior to 1 January 2017 may be permitted to substitute a core course or courses already completed for one or more of the following core courses: 115.112, 115.113, 115.114, 115.116, 115.211. These transition arrangements expire 31 December 2020.

Schedules for the Degree of Bachelor of AgriCommerce

Schedule A – Core Courses (210 credits)

Part One (135 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>112.248</td>
<td>Food and Agribusiness Value Chains</td>
<td>15</td>
</tr>
<tr>
<td>115.112</td>
<td>Accounting for Business</td>
<td>15</td>
</tr>
<tr>
<td>115.113</td>
<td>Economics of Business</td>
<td>15</td>
</tr>
<tr>
<td>115.114</td>
<td>Finance Fundamentals</td>
<td>15</td>
</tr>
<tr>
<td>115.116</td>
<td>Introduction to Marketing</td>
<td>15</td>
</tr>
<tr>
<td>115.211</td>
<td>Business Law</td>
<td>15</td>
</tr>
<tr>
<td>119.150</td>
<td>Practicum I</td>
<td>0</td>
</tr>
<tr>
<td>119.180</td>
<td>Introduction to Agribusiness</td>
<td>15</td>
</tr>
<tr>
<td>119.250</td>
<td>Practicum II</td>
<td>0</td>
</tr>
<tr>
<td>161.140</td>
<td>Agri-Statistics</td>
<td>15</td>
</tr>
<tr>
<td>15</td>
<td>R 119.180; R 115.102; R 115.106; R 115.105; R 115.104; R 90 credits at 100 level; R 115.103; R 119.156; R 119.150; R 161.100, 161.101, 161.120, 161.130, 115.101, 195.101</td>
<td></td>
</tr>
</tbody>
</table>

Part Two (75 credits)

Option I: Core Courses for Farm Management and Rural Valuation

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>119.151</td>
<td>Soil Properties and Processes</td>
<td>15</td>
</tr>
<tr>
<td>283.101</td>
<td>Plants in Agriculture</td>
<td>15</td>
</tr>
<tr>
<td>119.281</td>
<td>Decision Tools for Primary Industries</td>
<td>15</td>
</tr>
<tr>
<td>117.152</td>
<td>Animals and Agriculture</td>
<td>15</td>
</tr>
<tr>
<td>284.101</td>
<td>Production Horticulture</td>
<td>15</td>
</tr>
<tr>
<td>119.231</td>
<td>Agricultural and Horticultural Infrastructure</td>
<td>15</td>
</tr>
<tr>
<td>127.242</td>
<td>Introduction to Property Valuation</td>
<td>15</td>
</tr>
<tr>
<td>138.255</td>
<td>Engineering Principles in Food and Fibre Production</td>
<td>15</td>
</tr>
</tbody>
</table>

Option II: Core Courses for the Agricultural Economics, International Agribusiness, Food Marketing and Retail

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>117.152</td>
<td>Animals and Agriculture</td>
<td>15</td>
</tr>
<tr>
<td>284.101</td>
<td>Production Horticulture</td>
<td>15</td>
</tr>
<tr>
<td>119.281</td>
<td>Decision Tools for Primary Industries</td>
<td>15</td>
</tr>
</tbody>
</table>

Option III: Core Courses for Māori Agribusiness

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>119.281</td>
<td>Decision Tools for Primary Industries</td>
<td>15</td>
</tr>
</tbody>
</table>

Schedule B – Specialisation Courses

Agricultural Economics Major

Compulsory courses (45 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>178.201</td>
<td>Intermediate Microeconomics</td>
<td>15</td>
</tr>
<tr>
<td>178.242</td>
<td>Land Economics</td>
<td>15</td>
</tr>
<tr>
<td>178.180</td>
<td>Introduction to Econometrics</td>
<td>15</td>
</tr>
</tbody>
</table>

Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>112.302</td>
<td>Food and Agribusiness Strategies</td>
<td>15</td>
</tr>
<tr>
<td>178.301</td>
<td>Advanced Microeconomics</td>
<td>15</td>
</tr>
<tr>
<td>178.352</td>
<td>Survey of International Economics</td>
<td>15</td>
</tr>
<tr>
<td>178.358</td>
<td>International Trade in Agri-Food Products</td>
<td>15</td>
</tr>
<tr>
<td>178.360</td>
<td>Natural Resource and Environmental Economics</td>
<td>15</td>
</tr>
<tr>
<td>178.370</td>
<td>Development Economics</td>
<td>15</td>
</tr>
</tbody>
</table>

Agricultural Economics Minor

Any combination of the major courses.

Farm Management Major

Compulsory courses (90 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>119.358</td>
<td>Agricultural Production Systems</td>
<td>15</td>
</tr>
<tr>
<td>119.381</td>
<td>Decision-Making in Primary Industry</td>
<td>15</td>
</tr>
</tbody>
</table>
## Opportunity Analysis in Primary Horticultural Production Systems

138.254, 138.282, 138.281, 217.172

## Omni-Channel Retail Marketing

115.104 or 115.116 or 156.200

## Sociology of the Environment

156.231 and any 156.2xx course

## Resource Conservation and Rich World, Poor World

P 235.211

## Planning Studies

P 235.211

## International Trade in Agri-food Law of Property

112.301 International Food and Agribusiness Strategies

112.302 Food and Agribusiness Strategies

156.231 Strategic Marketing Management

156.238 Marketing New Products

188.263 Environmental Science I

## Food and Agribusiness Strategies

112.302, 178.358 plus any combination of the major courses.

## Māori Agribusiness Minor

Compulsory courses (90 credits):

119.381 Decision-Making in Primary Industry

235.211 Māori Agribusiness Systems

235.311 Māori Policy and Agribusiness

235.312 Case Studies in Māori Agribusiness

150.201 Te Whakawhitinga o Waitangi: The Treaty of Waitangi in New Zealand Society

152.370 Te Whaineketanga o te Pakihi Māori; Advanced Māori Business Development and Management

## Rural Valuation Minor

235.211, 235.312 and any combination of the major courses.

## The Degree of Bachelor of AgriScience

### BAgricScience

#### Qualification Regulations

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

#### Part II

**Admission**

1. Admission to the Degree of Bachelor of AgriScience requires that the candidate will meet the University admission requirements as specified.
2. In all cases, if English is not the applicant’s first language and the admission requirements were not completed at an educational institution where English is the medium of instruction, the applicant shall have achieved an IELTS of 6.5 with no band less than 6.0.
Qualification Requirements

3. Candidates for the Degree of Bachelor of AgriScience shall follow a flexible programme of study, which shall consist of courses totalling at least 360 credits, comprising:
   (a) not more than 165 credits at 100 level;
   (b) at least 75 credits at 300 level.
And including:
   (c) the core courses listed in Schedule A for the Qualification;
   (d) completion of at least one major;
   (e) the remaining courses should normally be from Schedule C;
   (f) attending contact workshops, block courses, field trips, studios, workshops, tutorials and laboratories as required.

4. Candidates who do not achieve the minimum acceptable grade for the written communication learning outcomes in 189.151 Soil Properties and Processes or 286.101 Equine Production or 284.101 Production Horticulture must complete 247.155 Communication in the Sciences or 219.100 Introduction to Business Communication.

5. Candidates who, in the opinion of the Academic Board, have passed with sufficient merit subjects for either a New Zealand University Diploma in Farm Management or a New Zealand Diploma in Horticultural Management or subjects for some other recognised tertiary qualification may be cross-credited with specified or unspecified courses not exceeding a total of 120 credits.

Specialisations

6. Candidates must complete a major by passing at least 150 credits in a specialisation. The requirements for each major are set out in Schedule B for the Qualification.

Academic Requirements

8. Candidates must complete to the satisfaction of the Academic Board two 13-week periods of practical work experience and a total of not less than 26 weeks of approved practical work experience in accordance with the following courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>119.150</td>
<td>Practicum I</td>
</tr>
<tr>
<td>119.250</td>
<td>Practicum II</td>
</tr>
</tbody>
</table>

Completion Requirements

9. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

10. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Diploma in Science and Technology should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

11. The general Unsatisfactory Academic Progress regulations will apply.

Transition Provisions

12. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in Part I regulations for the degree, all candidates who commenced study towards the Bachelor of AgriScience prior to 1 January 2018 may be exempt from the requirements of Regulation 2.

13. These transition arrangements expire on 31 December 2021.

14. In all cases candidates must complete the qualification within the timeframes for completion as specified in the Completion Requirements.

Schedules for the Degree of Bachelor of AgriScience

Schedule A: Core Courses (150 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.113</td>
<td>Economics of Business</td>
<td>15</td>
</tr>
<tr>
<td>119.150</td>
<td>Practicum I</td>
<td>0</td>
</tr>
<tr>
<td>119.153</td>
<td>Chemistry and Physics</td>
<td>15</td>
</tr>
<tr>
<td>119.154</td>
<td>Molecules to Ecology</td>
<td>15</td>
</tr>
<tr>
<td>119.180</td>
<td>Introduction to Agribusiness</td>
<td>15</td>
</tr>
<tr>
<td>145.121</td>
<td>Introduction to Physical Geography</td>
<td>15</td>
</tr>
</tbody>
</table>

161.140 Agri-Statistics 15 R 161.100, 161.101, 161.120, 161.130, 115.101, 195.101
119.250 Practicum II 0 P 119.150
119.281 Decision Tools for Primary Industries 15 P 119.180 and 161.140, and one of 117.152, 189.151, 283.101, 284.101, 286.101, R 111.231, 111.251, 111.252
138.255 Engineering Principles in Food and Fibre Production 15
119.373 Integrative Studies 15
119.381 Decision-Making in Primary Industry 15 P 119.281, or 111.251 or 111.231, R 111.351

Schedule B: Specialisations

Agriculture Major (150 credits)

Compulsory courses (120 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>117.152</td>
<td>Animals and Agriculture</td>
<td>15</td>
</tr>
<tr>
<td>189.151</td>
<td>Soil Properties and Processes</td>
<td>15</td>
</tr>
<tr>
<td>283.101</td>
<td>Plants in Agriculture</td>
<td>15</td>
</tr>
<tr>
<td>117.254</td>
<td>Principles of Animal Science and Production</td>
<td>15</td>
</tr>
<tr>
<td>119.258</td>
<td>Agricultural Systems</td>
<td>15</td>
</tr>
<tr>
<td>189.251</td>
<td>Soil Fertility and Fertilisers</td>
<td>15</td>
</tr>
<tr>
<td>283.201</td>
<td>Pasture and Crop Agronomy</td>
<td>15</td>
</tr>
<tr>
<td>119.358</td>
<td>Agricultural Production Systems</td>
<td>15</td>
</tr>
</tbody>
</table>

30 credits from two subject areas:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>117.371</td>
<td>Animal Production</td>
<td>15</td>
</tr>
<tr>
<td>117.381</td>
<td>Solving Problems in Animal Production</td>
<td>15</td>
</tr>
<tr>
<td>189.362</td>
<td>Soil Fertility and the Environment</td>
<td>15</td>
</tr>
<tr>
<td>189.363</td>
<td>Soil Resources and Sustainable Land Use</td>
<td>15</td>
</tr>
<tr>
<td>198.365</td>
<td>Studies in Soil Science</td>
<td>15</td>
</tr>
<tr>
<td>283.301</td>
<td>Pasture Production and Practice</td>
<td>15</td>
</tr>
<tr>
<td>283.305</td>
<td>Arable Production and Technology</td>
<td>15</td>
</tr>
<tr>
<td>283.311</td>
<td>Controlling Weeds</td>
<td>15</td>
</tr>
<tr>
<td>283.321</td>
<td>Trees on Farms</td>
<td>15</td>
</tr>
</tbody>
</table>

Equine Major (150 credits)

Compulsory courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>283.101</td>
<td>Plants in Agriculture</td>
<td>15</td>
</tr>
<tr>
<td>286.101</td>
<td>Equine Production</td>
<td>15</td>
</tr>
<tr>
<td>286.131</td>
<td>Introduction to Equine Nutrition and Health</td>
<td>15</td>
</tr>
<tr>
<td>119.258</td>
<td>Agricultural Systems</td>
<td>15</td>
</tr>
<tr>
<td>286.211</td>
<td>Equine Reproduction and Breeding</td>
<td>15</td>
</tr>
<tr>
<td>286.221</td>
<td>Structure and Function of the Equine Athlete</td>
<td>15</td>
</tr>
<tr>
<td>286.222</td>
<td>The Equine Lower Limb</td>
<td>15</td>
</tr>
<tr>
<td>286.251</td>
<td>Equine Behaviour, Training and Welfare</td>
<td>15</td>
</tr>
<tr>
<td>119.358</td>
<td>Agricultural Production Systems</td>
<td>15</td>
</tr>
<tr>
<td>286.321</td>
<td>Responses to Training in the Equine Athlete</td>
<td>15</td>
</tr>
</tbody>
</table>

Horticulture Major (150 credits)

Compulsory courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>120.101</td>
<td>Biology of Plants</td>
<td>15</td>
</tr>
<tr>
<td>189.151</td>
<td>Soil Properties and Processes</td>
<td>15</td>
</tr>
<tr>
<td>284.101</td>
<td>Production Horticulture</td>
<td>15</td>
</tr>
</tbody>
</table>

Back to Contents

MASSEY UNIVERSITY 2018 CALENDAR 175
Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II
Admission
1. Admission to the Degree of Applied Economics requires that the candidate will meet the University admission requirements as specified.

Qualification Requirements
2. Candidates for the Degree of Bachelor of Applied Economics shall follow a flexible programme of study which shall consist of courses totalling at least 360 credits, comprising:
   (a) not more than 180 credits at the 100 level; and
   (b) at least 270 credits from the Schedule to the Degree;
   (c) at least 90 credits at the 300 level from the Schedule to the Degree;
   (d) the core Economics, Numeracy and Business Communication courses as specified in Schedule A for the Degree;
   (e) attending contact workshops, block courses, field trips, studios, workshops, tutorials and laboratories as required.

Specialisations
3. The Bachelor of Applied Economics is awarded without a major.
4. Candidates may complete a minor by passing at least 60 credits for one of the Bachelor of Applied Economics minors subject, including:
   (a) at least 45 credits above 100 level; and
   (b) at least 15 credits at 300 level.
5. The requirements for each minor are set out in Schedule B for the Degree of Applied Economics.
6. Minors available in the Bachelor of Applied Economics are: Accountancy; Finance; and Valuation and Property Management.

Completion Requirements
7. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.
8. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Diploma in Business Studies should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
9. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions
10. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates who have completed at least 15 credits towards the Bachelor of Applied Economics prior to 1 January 2017 may be permitted to substitute a course or courses already completed for one or more of the courses included in the Schedule to the Degree. These transition arrangements expire 31 December 2020.
Business Communication Courses
At least 15 credits from:

- 230.111 Tū Kupu: Writing and Inquiry 15 R 230.100, 119.155, 119.177, 237.130, 247.155, 247.177, 250.100

Schedule B: Courses for the Bachelor of Applied Economics Minors

Accountancy
- 110.109 Introductory Financial Accounting 15 P 110.100; P/C 115.102 or 115.112, 110.213 (1999), 110.215; R 110.230
- 110.209 Intermediate Financial Accounting 15 P 110.109 or 110.215 or 110.230; R 10.210, 10.213 (pre-1999), 110.313
- 110.229 Management Accounting 15 P 110.109 or 110.215 or 110.230; R 110.200, 10.220, 110.223
- 110.249 Accounting Information Systems 15 P 110.109 or 110.215 or 110.230; R 110.243, 10.240
- 110.309 Advanced Financial Accounting 15 P 110.209 or 110.313; R 10.310, 110.713
- 110.329 Advanced Management Accounting 15 P 110.229 or 110.223; R 110.320

Finance
- 115.114 Finance Fundamentals 15 R 115.105
- 125.220 Financial Institutions and Markets 15 R 125.221
- 125.230 Business Finance 15 P 115.114 or 115.105
- 125.241 Introduction to Investments 15 P 115.114 or 115.105; R 125.240
- 125.320 International Finance 15 P 125.230; and one of 125.220 or 125.241 or 110.209 or 152.261
- 125.330 Advanced Business Finance 15 P 125.230; and one of 125.320 or 125.340 or 125.350 or 125.364 or 110.309; C 125.320 or 125.340 or 125.350 or 125.364 or 110.309
- 125.340 Investment Analysis 15 P 125.241; R 125.342
- 125.350 Financial Risk Management 15 P 125.230; and either 125.220 or 125.241
- 125.384 Bank Financial Management 15 P 115.105 or 115.114 and 125.220; R 125.360, 125.361, 125.362, 125.363

Qualification and Property Management
- 127.241 Property Market Principles 15
- 127.242 Introduction to Property Valuation 15 R 127.255
- 127.245 Introduction to Property Finance and Investment 15 P 115.105 or 115.114
- 127.341 Property Management and Development 15 P 127.241
- 127.342 Applied Property Finance and Investment 15 P 127.241, 127.242, 127.245 and one of 127.341 or 127.343 or 127.378; C 127.341 or 127.343 or 127.378
- 127.378 Property Economics 15

Schedule C: Elective courses for the Degree of Bachelor of Applied Economics

- 112.248 Food and Agribusiness Value Chains 15 P 119.180
- 112.302 Food and Agribusiness Strategies 15 P 112.248
- 115.112 Accounting for Business 15 R 115.102
- 115.115 Management in Context 15 R 115.108
- 115.116 Introduction to Marketing 15 R 115.104
- 157.150 Management Information Systems 15 R 157.100, 115.107
- 115.211 Business Law 15 P 90 credits at 100 level; R 115.103
- 178.111 Quantitative Methods for Economics 15
- 178.221 Methods of Economic Analysis 15 P 115.106 or 115.113 or any 178.1xx course
- 178.242 Land Economics 15 P Any 178.1xx course or 115.106 or 115.113
- 178.250 Contemporary Economic Issues 15
- 178.328 Project Evaluation 15 P Any 178.1xx course
- 178.352 Survey of International Economics 15 P 178.200, 178.201; and either 178.250 or 178.280, and P/C 178.300 or 178.301; R 178.350
- 178.358 International Trade in Agri-food Products 15 P any 178.1xx course or 119.156; R 178.357
- 178.360 Natural Resource and Environmental Economics 15
- 178.370 Development Economics 15

Approved courses from any other degree offered by the University.

The Degree of Bachelor of Arts
BA

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II
Admission
1. Admission to the Degree of Bachelor of Arts requires that the candidates will meet the University admission requirements as specified.

Qualification Requirements
2. Candidates for the Degree of Bachelor of Arts shall follow a flexible programme of study, which shall consist of courses totalling at least 360 credits, comprising:
(a) not more than 165 credits at 100 level;
(b) at least 75 credits at 300 level; and including:
(c) at least 240 credits from the Schedule to the Degree;
(d) completion of at least one major;
(e) core courses as listed in Schedule A for the Qualification;
(f) attending field trips, studios, workshops, tutorials and laboratories as required.

3. For the purposes of meeting Regulation 2 (c), where a course with the prefix 114, 121, 152, 153, 190, 219, 249 or 258 is included in the schedule for a Bachelor of Arts major or minor, for candidates completing that major or minor the course is considered to be from the Schedule for the Bachelor of Arts degree. For all other candidates such courses will be regarded as being from outside the Schedule for the Bachelor of Arts.

4. Candidates who have been awarded or qualified for a Bachelor’s degree, or equivalent may be granted exemption from the requirement to include courses 230.111 and 230.112 in their programme of study.

Specialisations
5. Candidates may complete a major by passing at least 135 credits in a major including:
(a) at least 15 credits at 100 level;
(b) at least 30 credits at 200 level;
(c) at least 60 credits at 300 level;
(d) any compulsory courses identified in the Schedule to the Major.
The requirements for each major are set out in Schedule B for the Qualification.

6. Candidates may complete a double major by passing at least 135 credits in each of two of the majoring subjects listed in Regulation 7 including:
(a) at least 15 credits at 100 level for each major;
(b) at least 30 credits at 200 level for each major;
(c) at least 60 credits at 300 level for each major;
(d) any compulsory courses identified in the Schedule to the Degree; and, only where a course is listed in the requirements for both majors:
(e) an additional course of at least the same credit value, at the same or higher level, with the same discipline prefix.


8. Notwithstanding Regulations 5 to 7, a candidate may complete a major in Business Psychology by completing 195 credits, including:
(a) 30 credits at 100 level;
(b) 75 credits at 200 level;
(c) 90 credits at 300 level;
(d) any compulsory courses listed in the Schedule to the Degree.

9. Candidates may include a maximum of two minors in the Degree of Bachelor of Arts.

10. The minor(s) must be in a different subject area from the major(s).

11. Minors may be included from the Bachelor of Business or the Bachelor of Science degree.

12. Where the minor is from another undergraduate degree the regulations of that programme for the minor will apply, unless the minor is also available in the Bachelor of Arts, in which case the Bachelor of Arts regulations will apply.

13. A minor must include:
(a) a minimum of 75 credits;
(b) at least 45 credits above 100 level;
(c) 15 credits at 300 level;
(d) any additional requirements as specified in Part Two to the Schedule to the Degree.


15. No course may be credited to more than one major, to a major and a minor, or to more than one minor.

Student Progression

16. Core courses 230.110, 230.111 and 230.112 must be completed within the first 120 credits, and 230.210 within the first 240 credits of study towards the degree.

Completion Requirements

17. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

18. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Diploma in Arts or the Certificate in Arts should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

19. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions

20. All candidates who commence study towards the Bachelor of Arts on or after 1 January 2016 must satisfy the requirements as specified in these regulations.

21. Candidates who have passed 60 or fewer credits towards the Bachelor of Arts prior to 1 January 2016 will transfer to these regulations and satisfy the requirements as specified.

22. Candidates who have passed at least 75 credits but fewer than 135 credits towards the Bachelor of Arts prior to 1 January 2016 will transfer to the 2016 regulations under the following conditions:
(a) Completion of each course 230.111 or 230.112 is required, but not both.
(b) Completion of course 230.110 and either 230.111 or 230.112 must be completed within the first 180 credits of their study.

23. Candidates who have passed at least 135 credits but fewer than 195 credits towards the Bachelor of Arts prior to 1 January 2016 will transfer to the 2016 regulations under the following conditions:
(a) Completion of course 230.112 is not required.
(b) Course 230.110 must be completed within the first 240 credits of their study.

24. Candidates who have passed at least 195 credits of study towards the Bachelor of Arts prior to 1 January 2016 may choose to transfer to the 2016 regulations but must satisfy all requirements as specified.

25. These transition arrangements expire at the end of 2019.

26. Candidates enrolled in the Bachelor of Arts prior to 1 January 2017 who have completed at least 45 credits towards the English major or 30 credits towards the English minor may be permitted variation in excess of the stated limits in order to complete the requirements of the major or minor. These transitional arrangements expire on 31 December 2018.

27. Candidates who have completed at least 45 credits towards the English major prior to 1 January 2017 may substitute a course from the List A courses for the compulsory course 139.239. These transitional arrangements expire on 31 December 2019.

28. Candidates enrolled in the Bachelor of Arts who have completed at least 45 credits towards the Linguistics major may be permitted variation in excess of the stated limits in order to complete the requirements of the major. These transitional arrangements expire on 31 December 2020.

29. Candidates enrolled in the Bachelor of Arts prior to 1 January 2017 who have completed at least 45 credits towards the Linguistics major may be permitted variation in excess of the stated limits in order to complete the requirements of the major or minor. These transitional arrangements expire on 31 December 2018.

30. Candidates enrolled in the Bachelor of Arts prior to 1 January 2017 who have completed at least 45 credits towards the Media Studies major may be exempted from the requirement to include 154.101 and may be permitted variation in excess of the stated limits in order to complete the requirements of the major. These transitional arrangements expire on 31 December 2020.

31. Candidates who completed courses towards the Bachelor of Arts Asian Studies Minor prior to January 2017 may be permitted variation in excess of the stated limits in order to include these courses in the Minor. These transition arrangements expire 31 December 2020.

32. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates enrolled in the Bachelor of Arts who have passed at least 15 credits towardsler Studies major or minor prior to 1 January 2017 may be permitted to substitute any course already completed towards the major or minor for a course at the same level included in the Māori Studies Schedule, including compulsory courses. These transitional provisions expire on 31 December 2019.

33. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates enrolled in a double major in Bachelor of Arts prior to 1 January 2017 who have completed at least 30 credits towards the degree may complete that double major by passing at least 120 credits in each of the two of the majoring subjects listed in Regulation 7 including:
(a) at least 45 credits at 300 level for each major;
(b) any compulsory courses identified in the Schedule to the Degree. These transitional arrangements expire 31 December 2023.

34. Subject to the Maximum Time to Completion and Abandonment of Studies Provisions specified in the Part I regulations for the degree, candidates enrolled in the Bachelor of Arts prior to 1 January 2018 who have completed at least 45 credits towards the Education major or 30 credits towards the Education minor may be permitted variation in excess of the stated limits in order to complete the requirements of the major or minor. These transitional arrangements expire on 31 December 2020.

35. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates enrolled in the Bachelor of Arts who have passed at least 15 credits towards a History major or minor, or a New Zealand Studies minor prior to 1 January 2018 may be permitted to substitute any course already completed towards the major or minor for a course at the same
level included in the History or New Zealand Studies Schedule, including compulsory courses. These transitional provisions expire on 31 December 2020.

36. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates enrolled in the Bachelor of Arts who have passed at least 15 credits towards a Defence Studies major or minor prior to 1 January 2018 may be permitted to substitute any course already completed towards the major or minor for a course at the same level or higher included in the Defence Schedule, including compulsory courses. These transitional provisions expire on 31 December 2020.

37. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates who have completed at least 15 credits towards a Bachelor of Arts, Business Psychology major prior to 1 January 2018 may be permitted to substitute a course or courses already completed towards the major for a course or courses at the same level included in the Schedule for the major. These transition arrangements expire 31 December 2022.

38. Candidates enrolled in the Bachelor of Arts prior to 1 January 2018 who have completed at least 45 credits towards the Social Policy major or 30 credits towards the Social Policy minor may be permitted variation in excess of the stated limits in order to complete the requirements of the major or minor. These transitional arrangements expire on 31 December 2021.

Schedule for the Degree of Bachelor of Arts

Schedule A: Core Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>230.110</td>
<td>Tūrangawaewae: Identity and Belonging in Aoteaorua New Zealand</td>
<td>15</td>
</tr>
<tr>
<td>230.112</td>
<td>Tō Arataki: Critical Thinking</td>
<td>R 230.105</td>
</tr>
<tr>
<td>230.210</td>
<td>Tū Rangaranga: Global Encounters</td>
<td>P 230.110</td>
</tr>
<tr>
<td>230.310</td>
<td>Tū Tira Mai: Practising Engagement</td>
<td>P 230.210</td>
</tr>
</tbody>
</table>

Schedule B: Specialisation Requirements

Asian Studies (only available as a Minor)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>169.101</td>
<td>Introduction to Asian Thought</td>
<td>15</td>
</tr>
<tr>
<td>241.103</td>
<td>Ancient Chinese World pre-Republic (1912)</td>
<td>R 169.143</td>
</tr>
<tr>
<td>241.107</td>
<td>China under Transformation: Economy, Society and Diplomacy</td>
<td>15</td>
</tr>
<tr>
<td>242.103</td>
<td>Introduction to Japanese Culture</td>
<td>R 169.123</td>
</tr>
<tr>
<td>134.221</td>
<td>East Asian Philosophy</td>
<td>15</td>
</tr>
<tr>
<td>241.207</td>
<td>Chinese Diaspora</td>
<td>15</td>
</tr>
<tr>
<td>241.208</td>
<td>Contemporary Chinese Society in Literature and Film</td>
<td>R 241.203, 241.204</td>
</tr>
<tr>
<td>242.205</td>
<td>Japanese Cinema</td>
<td>R 169.227</td>
</tr>
<tr>
<td>134.321</td>
<td>Indian Philosophy</td>
<td>P Any 200-level 134-prefix course</td>
</tr>
<tr>
<td>146.302</td>
<td>Regional Ethnography: Asia</td>
<td>15</td>
</tr>
<tr>
<td>146.311</td>
<td>Medical Systems of China, India and the West</td>
<td>15</td>
</tr>
<tr>
<td>146.316</td>
<td>Visual Anthropology: Southasia and Global Issues</td>
<td>15</td>
</tr>
</tbody>
</table>

Minor Requirements

A minor consists of 75 credits in Asian Studies; including 169.101, 15 credits at 300 level, and 30 credits at 200 and/or 300 level from the Asian Studies schedule.

Business Psychology Major (195 credits)

Compulsory courses (90 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.101</td>
<td>Psychology as a Social Science</td>
<td>15</td>
</tr>
<tr>
<td>175.102</td>
<td>Psychology as a Natural Science</td>
<td>15</td>
</tr>
<tr>
<td>175.201</td>
<td>Social Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.203</td>
<td>Introduction to Psychological Research</td>
<td>P 175.102</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>114.241</td>
<td>Principles of Human Resources Management</td>
<td>15</td>
</tr>
<tr>
<td>152.250</td>
<td>Managing Organisations</td>
<td>R 152.200</td>
</tr>
</tbody>
</table>

Compulsory courses

At least 30 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>114.330</td>
<td>Equity and Diversity in the Workplace</td>
<td>15</td>
</tr>
<tr>
<td>114.396</td>
<td>Strategic Human Resource Management</td>
<td>P 114.241</td>
</tr>
<tr>
<td>152.304</td>
<td>Managing Services</td>
<td>15</td>
</tr>
<tr>
<td>152.336</td>
<td>Leadership Practice</td>
<td>R 152.328, 152.329</td>
</tr>
<tr>
<td>152.325</td>
<td>Designing and Developing Organisations</td>
<td>P Any 200-level course from 152 course prefix series, R 152.360, 152.303, 152.341</td>
</tr>
</tbody>
</table>

At least 30 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.306</td>
<td>Assessment of Individual Differences</td>
<td>P 175.203</td>
</tr>
<tr>
<td>175.343</td>
<td>Personnel Psychology and Career Development</td>
<td>P 175.203</td>
</tr>
<tr>
<td>175.345</td>
<td>Organisational Psychology</td>
<td>P 175.203</td>
</tr>
</tbody>
</table>

Subject courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.205</td>
<td>Brain and Behaviour</td>
<td>P 175.102</td>
</tr>
<tr>
<td>175.206</td>
<td>Memory and Cognition</td>
<td>P 175.102</td>
</tr>
<tr>
<td>241.210</td>
<td>Tahia Hīnengaro: Bicultural Perspectives in Psychology</td>
<td>P 175.312</td>
</tr>
<tr>
<td>175.301</td>
<td>Community Psychology</td>
<td>P 175.203</td>
</tr>
<tr>
<td>175.302</td>
<td>Abnormal and Therapeutic Psychology</td>
<td>P 175.203</td>
</tr>
<tr>
<td>175.303</td>
<td>The Practice of Psychological Research</td>
<td>P 175.203</td>
</tr>
<tr>
<td>175.309</td>
<td>Forensic Psychology</td>
<td>P 175.203</td>
</tr>
<tr>
<td>175.311</td>
<td>Psychology of Women</td>
<td>P 175.203</td>
</tr>
<tr>
<td>175.316</td>
<td>Evolution, Culture and Mind</td>
<td>P 175.203</td>
</tr>
<tr>
<td>175.317</td>
<td>Health Psychology</td>
<td>P 175.203</td>
</tr>
<tr>
<td>175.318</td>
<td>Experimental Psychology</td>
<td>P 175.203, P/C 175.205, 175.206</td>
</tr>
</tbody>
</table>

Minor Requirements

Business Psychology is not available as a minor subject.

Chinese Major

Compulsory courses

At least 15 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>241.103</td>
<td>Ancient Chinese World pre-Republic (1912)</td>
<td>R 169.143</td>
</tr>
<tr>
<td>241.208</td>
<td>Contemporary Chinese Society in Literature and Film</td>
<td>R 241.203, 241.204</td>
</tr>
</tbody>
</table>

Subject courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>241.107</td>
<td>China under Transformation: Economy, Society and Diplomacy</td>
<td>15</td>
</tr>
</tbody>
</table>
Minor Requirements
A minor consists of 75 credits in Chinese, including 15 credits at 300 level, 30 credits at 200 and/or 300 level, and 30 credits at any level from the Chinese Schedule.

Classical Studies Major
Compulsory courses
At least 15 credits from:

- 201.112 Greek History
- 201.113 Greek Mythology
- 201.114 The Roman Republic: Kings, Consuls and Conquest
- 201.115 Introductory Latin
- 201.117 Greek and Roman Warfare

At least 30 credits from:

- 201.201 The Pursuit of Happiness in the Classical World
- 201.211 Love and Sexuality in Ancient Greece
- 201.212 Intermediate Latin
- 201.216 The Trojan War
- 201.218 Greek and Roman Religion
- 201.219 Greek Art and Society
- 201.220 Roman Art and Society
- 201.230 Ancient Multiculturalism: Egypt, Greece and Rome

At least 60 credits from:

- 201.313 Myth and Greek Tragedy
- 201.314 Imperial Rome
- 201.316 Leaders and Leadership in the Classical World
- 201.318 Greek and Roman Religion
- 201.319 Greek Art and Society
- 201.320 Roman Art and Society

Subject Courses:

- 201.103 Magic and Witchcraft
- 134.309 Ancient Philosophy

Creative Writing Major
Compulsory courses:

- 139.123 Creative Writing
- 139.280 Writing Creative Non-Fiction

Elective courses:

- 139.380 Creative Writing Capstone: Building the Manuscript

Majoring Requirements
A major consists of 135 credits in Creative Writing, including 139.123, 139.280, and 139.380; 15 credits at 200 level; 45 credits at 300 level, and 30 credits at any level from the Creative Writing schedule.

Minor Requirements
A minor consists of 75 credits in Creative Writing, including 139.123, 139.280, and 139.380; 15 credits at 200 or 300 level, and 15 credits at any level from the Creative Writing schedule.

Defence Studies Major
Compulsory courses:

- 149.115 Introduction to Defence Studies
- 149.215 Emerging Issues in Defence Studies

Subject courses:

- 149.100 Fundamentals of Command
- 149.140 An Introduction to Military Operations
- 149.151 An Introduction to the History of Modern Warfare
- 200.162 Politics and Public Policy in New Zealand
- 149.245 Irregular Warfare
- 149.255 Conventional Warfare
- 149.265 Maritime Strategy
- 190.240 Air Power
- 149.300 Current Issues in Command Studies
- 149.315 Strategic Issues in Defence Studies
- 149.325 International Peacekeeping
- 149.335 Law of Armed Conflict
- 149.350 The History of Defence and Security Intelligence
- 149.360 Defence and Security Technology
- 200.301 Contemporary International Conflict

Minor Requirements
A minor consists of 75 credits in Defence Studies, including 149.115, 149.215: 15 credits at 300 level; 15 credits at 200 and/or 300 level, and 15 credits at any level from the Defence Studies Schedule.
Development Studies (only available as a Minor)

Subject courses:

- 131.121 Rich World, Poor World 15
- 132.112 Planning for Sustainable Development 15
- 146.102 Endangered Cultures 15
- 131.221 Global Development Issues 15
- 145.218 Development and Inequality 15
- 150.213 Tikanga-it-wai: Tribal Development 15
- 176.219 The Transformation of the Pacific: Central Themes 15
- 200.201 Middle Eastern Politics 15
- 121.311 Global Environmental Issues 15
- 131.321 Strategies for Sustainable Development 15
- 145.311 Geographies of Globalisation 15
- 148.313 Issues in South Pacific Anthropology 15
- 148.318 Environmental Anthropology 15
- 176.309 Development and Social Change: Contemporary Issues 15
- 176.323 The Transformation of the Pacific: Contemporary Issues 15
- 179.330 Māori Development and the Social Services 15
- 200.301 Contemporary International Conflict 15

Minor Requirements

A minor in Development Studies consists of 75 credits in Development Studies including 131.121, 131.221, and 131.321, at least one of 145.213, 145.311, 146.318, and 15 credits at any level from the Development Studies Schedule.

Economics Major

Compulsory courses (60 credits):

- 115.113 Economics of Business 15 R 115.106
- 178.100 Principles of Macroeconomics 15
- 178.200 Intermediate Macroeconomics 15 P 178.100
- 178.201 Intermediate Microeconomics 15 P 115.106 or 115.113

Compulsory course selection

At least 15 credits from:

- 178.300 Advanced Macroeconomics 15 P 178.200
- 178.308 Economic Analysis of Money, Banking and Financial Markets 15 P Any 178.2xx course; R 178.300
- 178.380 Natural Resource and Environmental Economics 15
- 178.370 Development Economics 15

Subject courses:

- 178.110 The New Zealand Economy 15
- 178.111 Quantitative Methods in Economics 15
- 178.210 Economic Policy 15 P 178.100 or 178.110 or 78.102
- 178.221 Methods of Economic Analysis 15 P 115.106 or 115.113 or any 178.1xx course
- 178.240 Managerial Economics 15 P 115.106 or 115.113 or 178.101
- 178.242 Land Economics 15 P Any 178.1xx course or 115.106 or 115.113
- 178.250 Contemporary Economic Issues 15
- 178.280 Introduction to Econometrics 15 P 161.101 or 115.101; and 115.113 or 115.106
- 178.301 Advanced Microeconomics 15 P 178.201
- 178.307 Markets, Firms and Consumers 15 P 178.201 or 178.204 or 125.230; or (115.106 or 115.113 or 178.101) and 178.280
- 178.328 Project Evaluation 15 P Any 178.1xx course

178.352 Survey of International Economics 15 P 178.200, 178.201, and either 178.250 or 178.280; and P/C either 178.300 or 178.301; R 178.350

178.358 International Trade in Agri-food Products 15 P Any 178.1xx course or 115.113; R 178.357

Minor Requirements

A minor consists of 75 credits in Economics, including 115.113, 178.100; 15 credits at 300 level; 30 credits at 200 and/or 300 level from the Economics schedule.

Education Major

Compulsory courses:

- 275.102 Human Development 15 R 208.102, 209.102

Compulsory courses

At least 30 credits from:

- 249.296 Equity and Diversity in Education 15
- 254.201 Philosophy of Education 15 R 187.201
- 254.203 Sociologically Imagining Education 15 R 187.203
- 254.210 Historical Perspectives on Education 15
- 256.201 Educational Psychology 15 R 188.201, 186.230
- 263.200 Teaching as an Act of Influencing Others 15
- 269.274 Treaty of Waitangi: Implications for Education 15 R 150.201
- 275.203 Development in Childhood 15 P 275.102
- 275.208 Development in Adolescence 15 P 275.102, R 208.208, 208.308, 209.308

At least 60 credits from:

- 254.304 Critical Theories of Education 15 R 187.304, 278.363
- 254.336 Learning in the Digital World 15 R 186.336
- 254.337 Teaching and Learning with Pasifika Peoples in NZ 15
- 254.340 Politics of Education 15
- 263.301 Learning and Motivation 15 P Any 200-level course from Education
- 263.315 Teaching and Learning in Everyday Settings 15
- 267.390 Educational Research Literacy 15
- 269.332 Māori Issues in Education 15
- 275.304 Development of Gender 15
- 275.320 Risk and Resilience Across the Lifespan 15
- 276.330 Mathematics and Literacy in Society 15

Minor Requirements

A minor consists of 75 credits in Education, including 15 credits at 300 level; 30 credits at 200 and/or 300 level, and 30 credits at any level from the Education Schedule.

Educational Psychology Major

Compulsory courses:

- 175.102 Psychology as a Natural Science 15
- 275.102 Human Development 15 R 208.102, 209.102
- 175.203 Introduction to Psychological Research 15 P 175.102
- 256.201 Educational Psychology 15 R 188.201, 186.230
- 175.306 Assessment of Individual Differences 15 P 175.203
- 256.303 Sustainable Learning 15 P 256.201
- 256.304 Positive Behaviour for Learning 15 P 256.201
### Compulsory courses

At least 15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.201</td>
<td>Social Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.205</td>
<td>Brain and Behaviour</td>
<td>15</td>
</tr>
<tr>
<td>175.206</td>
<td>Memory and Cognition</td>
<td>15</td>
</tr>
<tr>
<td>175.210</td>
<td>Ngā Tirohanga Rua o te Taha Hinengaro: Bicultural Perspectives in Psychology</td>
<td>15</td>
</tr>
<tr>
<td>249.284</td>
<td>Introduction to Equity and Inclusion in Education</td>
<td>15</td>
</tr>
<tr>
<td>249.287</td>
<td>Early Intervention</td>
<td>15</td>
</tr>
</tbody>
</table>

### Minor Requirements

A minor consists of 75 credits, including 175.102, 275.102, 175.203, 256.201 and one of 175.306, 256.303 or 256.304.

### Emergency Management (only available as a minor)

Compulsory courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>130.202</td>
<td>Introduction to Emergency Management</td>
<td>15</td>
</tr>
<tr>
<td>130.203</td>
<td>Disaster Risk Management</td>
<td>15</td>
</tr>
<tr>
<td>130.301</td>
<td>Incident Command Systems</td>
<td>15</td>
</tr>
<tr>
<td>193.304</td>
<td>Animal Welfare Emergency Management</td>
<td>15</td>
</tr>
<tr>
<td>219.312</td>
<td>Risk and Crisis Communication</td>
<td>15</td>
</tr>
</tbody>
</table>

### Minor requirements

A minor consists of 75 credits in Emergency Management including: 130.202, 130.203, 130.301, 193.304 and 219.312.

### English Major

Compulsory courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>139.139</td>
<td>Introduction to English Studies</td>
<td>15</td>
</tr>
<tr>
<td>139.239</td>
<td>Literary Landmarks: Words that Changed the World</td>
<td>15</td>
</tr>
</tbody>
</table>

List A subject courses

At least 60 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>139.105</td>
<td>Fiction: The Long and Short of It</td>
<td>15</td>
</tr>
<tr>
<td>139.122</td>
<td>Contemporary Literary Forms of Aotearoa New Zealand</td>
<td>15</td>
</tr>
<tr>
<td>139.142</td>
<td>Mythology and Fantasy</td>
<td>15</td>
</tr>
<tr>
<td>139.201</td>
<td>Poets and Players in Shakespeare's England</td>
<td>15</td>
</tr>
<tr>
<td>139.202</td>
<td>Romantic Writing: Self and Nature</td>
<td>15</td>
</tr>
<tr>
<td>139.253</td>
<td>American Literature</td>
<td>15</td>
</tr>
<tr>
<td>139.255</td>
<td>Critical Periods in Aotearoa New Zealand Literature</td>
<td>15</td>
</tr>
<tr>
<td>139.270</td>
<td>Young Adult Fiction</td>
<td>15</td>
</tr>
<tr>
<td>139.275</td>
<td>Gothic</td>
<td>15</td>
</tr>
<tr>
<td>139.301</td>
<td>Shakespeare’s Worlds</td>
<td>15</td>
</tr>
<tr>
<td>139.303</td>
<td>Modern Drama</td>
<td>15</td>
</tr>
<tr>
<td>139.305</td>
<td>Twentieth Century Literature</td>
<td>15</td>
</tr>
<tr>
<td>139.307</td>
<td>Territory, Modernity and Victorian Literature</td>
<td>15</td>
</tr>
<tr>
<td>139.352</td>
<td>Postcolonial Literature</td>
<td>15</td>
</tr>
<tr>
<td>139.361</td>
<td>The Literature of Women</td>
<td>15</td>
</tr>
<tr>
<td>139.374</td>
<td>Tragedy</td>
<td>15</td>
</tr>
<tr>
<td>139.376</td>
<td>Sexual/Textual Politics</td>
<td>15</td>
</tr>
</tbody>
</table>

List B subject courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>139.104</td>
<td>Drama in Performance</td>
<td>15</td>
</tr>
<tr>
<td>139.123</td>
<td>Creative Writing</td>
<td>15</td>
</tr>
<tr>
<td>139.209</td>
<td>Speaking: Theory and Practice</td>
<td>15</td>
</tr>
<tr>
<td>139.229</td>
<td>Writing Poetry</td>
<td>15</td>
</tr>
<tr>
<td>139.244</td>
<td>Writing for the Public</td>
<td>15</td>
</tr>
<tr>
<td>139.348</td>
<td>Literacy Studies</td>
<td>15</td>
</tr>
<tr>
<td>154.308</td>
<td>Screen Fictions</td>
<td>15</td>
</tr>
</tbody>
</table>

### Minor Requirements

A minor consists of 75 credits in English, including: 139.139; at least 45 credits from List A subject courses; 15 credits at 300 level; 30 credits at 200 and/or 300 level; and 15 credits at any level from the English Schedule.

### Environmental Studies Major

Compulsory courses (60 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>145.111</td>
<td>Society, Environment and Place</td>
<td>15</td>
</tr>
<tr>
<td>176.206</td>
<td>Understanding Social Life</td>
<td>15</td>
</tr>
<tr>
<td>176.308</td>
<td>Sociology of the Environment</td>
<td>15</td>
</tr>
</tbody>
</table>

At least 15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>121.210</td>
<td>Environmental Issues</td>
<td>15</td>
</tr>
<tr>
<td>121.211</td>
<td>New Zealand Environmental Issues</td>
<td>15</td>
</tr>
</tbody>
</table>

### Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>121.103</td>
<td>New Zealand Environments</td>
<td>15</td>
</tr>
<tr>
<td>132.111</td>
<td>Planning and the Environment</td>
<td>15</td>
</tr>
<tr>
<td>132.112</td>
<td>Planning for Sustainable Development</td>
<td>15</td>
</tr>
<tr>
<td>146.102</td>
<td>Endangered Cultures</td>
<td>15</td>
</tr>
<tr>
<td>176.102</td>
<td>New Zealand Society</td>
<td>15</td>
</tr>
<tr>
<td>145.213</td>
<td>Resource Conservation and Sustainability</td>
<td>15</td>
</tr>
<tr>
<td>145.214</td>
<td>Social Change and Environment</td>
<td>15</td>
</tr>
<tr>
<td>150.201</td>
<td>Te Kawanata o Waitangi: The Treaty of Waitangi in New Zealand Society</td>
<td>15</td>
</tr>
<tr>
<td>121.310</td>
<td>Environmental Solutions</td>
<td>15</td>
</tr>
<tr>
<td>121.311</td>
<td>Global Environmental Issues</td>
<td>15</td>
</tr>
<tr>
<td>131.321</td>
<td>Strategies for Sustainable Development</td>
<td>15</td>
</tr>
<tr>
<td>145.311</td>
<td>Geographies of Globalisation</td>
<td>15</td>
</tr>
<tr>
<td>146.318</td>
<td>Environmental Anthropology</td>
<td>15</td>
</tr>
</tbody>
</table>

### Minor Requirements

A minor consists of 75 credits in Environmental Studies, including 145.111, 121.210 or 121.211, 176.308; 15 credits at 200 or 300 level and 15 credits at any level from the Environmental Studies Schedule.

### French (only available as a Minor)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>243.101</td>
<td>Introductory French Language I</td>
<td>15</td>
</tr>
<tr>
<td>243.102</td>
<td>Introductory French Language II</td>
<td>15</td>
</tr>
<tr>
<td>243.201</td>
<td>Intermediate French Language I</td>
<td>15</td>
</tr>
<tr>
<td>243.202</td>
<td>Intermediate French Language II</td>
<td>15</td>
</tr>
<tr>
<td>243.301</td>
<td>Advanced French Language</td>
<td>15</td>
</tr>
<tr>
<td>243.304</td>
<td>Contemporary French Popular Culture</td>
<td>15</td>
</tr>
<tr>
<td>243.305</td>
<td>Close Encounters – New Zealand Seen Through French Eyes</td>
<td>15</td>
</tr>
</tbody>
</table>
Minor Requirements
A minor consists of 75 credits in French, including 15 credits at 300 level; 30 credits at 200 and/or 300 level, and 30 credits at any level from the French schedule.

Geography Major
Compulsory courses (30 credits):
145.111 Society, Environment and Place 15
145.121 Introduction to Physical Geography 15

Compulsory course selection
At least 15 credits from:
145.301 Research Practice in Human Geography 15
145.303 Field Work: Alpine Physical Geography 15 P 145.222
145.304 Applied Field Geomorphology 15 P At least two from: 145.222, 145.223, 145.230
145.320 Quaternary Biogeography and Environmental Change 15 P 145.223 or 145.224; R 145.302
145.327 Catchment Dynamics 15 P 145.222

Subject courses:
230.121 Future State: New Zealand in the 21st Century 15
145.202 Working with Geographic Data 15
145.213 Resource Conservation and Sustainability 15 R 145.313
145.214 Social Change and Environment 15
145.216 Urban Environments 15
145.218 Development and Inequality 15
145.222 Rivers and Slopes 15 P 145.121
145.223 Climate Change and Natural Hazards 15 P 145.121 or 233.101; R 145.325
145.224 Biogeography 15 R 145.324
145.230 Coastal Environments 15 P 145.121; R 145.330
121.313 Applied River Management 15 P 196.205 or 145.222
145.311 Geographies of Globalisation 15
145.318 Geopolitics 15
230.301 Social Science at Work 15 P 30 credits at 200 level from 145, 146, 176, and/or 200-prefix courses

Minor Requirements
A minor consists of 75 credits in Geography, including 15 credits at 300 level; 30 credits at 200 and/or 300 level, and 30 credits at any level from the Geography Schedule.

History Major
Subject courses:
148.116 The Medieval World and its Legacy 15
148.141 A History of New Zealand’s Peoples 15
148.142 The American Century 15
148.143 The Past as Entertainment: History Through Movies, Mini-series and Games 15 R 148.120
148.217 Victoria’s World 15
148.218 The Vikings 15
148.220 The Second World War 15
148.221 The Black Death and Other Plagues, 1300–1700 15
148.241 Revolution, Rights and the Atlantic World, 1763 to 1848 15 R 148.208
148.242 The Age of Jihad and Crusade 15 R 135.211, 148.212, 148.223
148.243 The Sixties: Sex and Drugs and Rock and Roll? 15
148.244 The Great War 1914–1918: A Military and Social History 15 R 148.220, 148.251
148.245 Māori and Colonisation 15 R 148.337

Minor Requirements
A minor consists of 75 credits in History including 15 credits at 300 level; 30 credits at 200 and/or 300 level, and 30 credits at any level from the History Schedule.

Japanese Major
Compulsory course (15 credits):
242.103 Introduction to Japanese Culture 15 R 169.123

Subject courses:
242.203 Japanese Language and Society 15 P 242.201 or appraisal required
242.205 Japanese Cinema 15 R 169.223
242.301 Japanese 3A 15 P 242.202 or appraisal required; R 242.302
242.302 Japanese 3B 15 P 242.301 or appraisal required
242.304 Reading and Writing about Current Japan 15 P 242.202 or appraisal required
242.305 Readings in Modern Japanese Literature 15 P 242.202 or appraisal required
242.306 Japanese Linguistics 15 P 242.202 or appraisal required
242.307 Japanese–English Translation Techniques 15 P 242.301 or appraisal required
242.390 Individual Research Project in Japanese Studies 15 P Resource approval required

Minor Requirements
A minor consists of 75 credits in Japanese, including 15 credits at 300 level; 30 credits at 200 and/or 300 level, and 30 credits at any level from the Japanese Schedule.

Linguistics Major
Compulsory courses (30 credits):
172.133 Introduction to Language Studies 15
172.234 Phonetics 15

Compulsory courses
At least 30 credits from:
172.232 Language and Society in New Zealand 15
172.233 Language Learning Processes 15
172.239 Language and Culture 15 R 172.132
### Mathematics Major

**Compulsory courses**

Unless exempted for prerequisite purposes, at least 30 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.101</td>
<td>Calculus I</td>
<td>15</td>
</tr>
<tr>
<td>160.102</td>
<td>Linear Mathematics</td>
<td>15</td>
</tr>
</tbody>
</table>

#### Option A

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.132</td>
<td>Concepts in Mathematics</td>
<td>15</td>
</tr>
</tbody>
</table>

#### Option B

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.133</td>
<td>Processes in Mathematics</td>
<td>15</td>
</tr>
</tbody>
</table>

#### Option C

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.111</td>
<td>Mathematics 1A</td>
<td>15</td>
</tr>
<tr>
<td>160.112</td>
<td>Mathematics I B</td>
<td>15</td>
</tr>
</tbody>
</table>

#### Subject courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.103</td>
<td>Introductory University Mathematics</td>
<td>15</td>
</tr>
</tbody>
</table>

Minor Requirements

A minor consists of 75 credits in Linguistics, including 15 credits at 300 level, 30 credits at 200 and/or 300 level, and 30 credits at any level from the Linguistics Schedule.

### Māori Studies Major

**Compulsory courses (60 credits):**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.114</td>
<td>He Tirohanga o Mua: Māori Custom, Lore and Economics</td>
<td>15</td>
</tr>
<tr>
<td>300.110</td>
<td>Te Reo Whakahok ori: Socialising in Te Reo</td>
<td>15</td>
</tr>
<tr>
<td>150.201</td>
<td>Te Kawenata o Waitangi: The Treaty of Waitangi in New Zealand Society</td>
<td>15</td>
</tr>
<tr>
<td>300.209</td>
<td>Te Reo Tārangapū: Political Te Reo</td>
<td>15</td>
</tr>
</tbody>
</table>

**Compulsory Course Selections**

At least 15 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>148.245</td>
<td>Māori and Colonisation</td>
<td>15</td>
</tr>
<tr>
<td>150.202</td>
<td>Hauora Tangata: Māori Health Foundations</td>
<td>15</td>
</tr>
<tr>
<td>150.204</td>
<td>Mana Māori: Māori and Politics</td>
<td>15</td>
</tr>
<tr>
<td>150.213</td>
<td>Tikanga-a-Tei: Tribal Development</td>
<td>15</td>
</tr>
<tr>
<td>150.216</td>
<td>He Huarahi Rangahau: Māori and Research</td>
<td>15</td>
</tr>
</tbody>
</table>

At least 60 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.301</td>
<td>Te Mana Te Kawenata: Māori Policy and the State</td>
<td>15</td>
</tr>
<tr>
<td>150.302</td>
<td>Planning for Māori Health</td>
<td>15</td>
</tr>
<tr>
<td>150.303</td>
<td>Mana Wāhine: Māori Women</td>
<td>15</td>
</tr>
<tr>
<td>150.304</td>
<td>Te Ao Huirihia: Contemporary Māori Issues</td>
<td>15</td>
</tr>
<tr>
<td>269.332</td>
<td>Māori Issues in Education</td>
<td>15</td>
</tr>
</tbody>
</table>

**Subject courses:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.106</td>
<td>Ngā Hanga Whakairo: Traditional Māori Visual Art</td>
<td>15</td>
</tr>
<tr>
<td>150.112</td>
<td>Hauora Tangata: Māori and Global Indigenous Health</td>
<td>15</td>
</tr>
<tr>
<td>150.205</td>
<td>Kura Mai Tawhiti: Māori Knowledge</td>
<td>15</td>
</tr>
<tr>
<td>150.206</td>
<td>Ngā Momo Whakairo: Contemporary Māori Visual Art</td>
<td>15</td>
</tr>
</tbody>
</table>

Minor Requirements

A minor consists of 75 credits in Māori Studies, including 300.110, 150.114, 150.201, 300.209 and 15 credits at 300 level.
Philosophy of Mind

Any 200-level Media Studies
15

 Mana Māori: Māori and Politics

124.308 New Zealand Military History: 15 1899 to 2001

124.309 The New Zealand Wars 15 R 148.204

124.316 New Zealand Between the Wars 15

124.317 New Zealand Religious History 15

130.301 Te Mana Te Kawanatanga: Māori Policy and the State 15 15 P 150.201; nil for GradDipArts

200.361 Contemporary New Zealand Politics 15

Minor Requirements

A minor consists of 75 credits (5 courses) including 150.201, 15 credits at 300 level, 15 credits at 200 and/or 300 level, and 30 credits at any level from the New Zealand Studies Schedule. No more than 30 credits may be completed from the same prefix.

Philosophy Major

Subject courses:

134.101 Knowledge and Reality 15

134.102 Great Western Philosophy 15

134.104 Practical Ethics 15

134.105 Philosophy of Religion: God, Freedom and Evil 15 15 R 134.206, 134.306

134.106 Justice and Equality 15

134.201 Philosophy of Mind 15 R 134.301

134.203 Ethics 15 R 134.303

134.204 Aesthetics 15 R 134.304

134.205 Logic 15

134.207 International Justice 15

134.208 Philosophy of Science 15 R 134.308

134.215 Asian Philosophies 15 R 134.315

134.216 Modern Philosophy 15 R 134.316

134.218 Environmental Philosophy 15 R 134.318

134.220 Business and Professional Ethics 15 R 134.320, 134.219, 134.319

134.221 East Asian Philosophy 15

200.215 Political Theory from Plato to Marx 15

134.302 Metaphysics 15 15 P Any two 200-level 134 prefix course; R 134.202

134.303 Ethics 15 R 134.302

134.305 Meta-ethics 15 15 P Any 200-level 134 prefix course

134.308 Philosophy of Science 15 R 134.308

134.309 Ancient Philosophy 15 R 134.308

134.310 Philosophy of Literature 15 R 134.310

134.312 Epistemology: Seeing and Knowing 15 15 P Any 200-level 134 prefix course; R 134.212

134.317 Recent and Contemporary Philosophy 15 R 134.217

134.321 Indian Philosophy 15 R 134.217

200.315 Contemporary Political Thought 15

Minor Requirements

A minor consists of 75 credits in Philosophy, including 15 credits at 300 level, 30 credits at 200 and/or 300 level, and 30 credits at any level from the Philosophy Schedule.
### Planning Studies (only available as a Minor)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>292.202</td>
<td>Intermediate Portuguese Language 2</td>
<td>15</td>
<td>292.201; R 292.301</td>
</tr>
<tr>
<td>292.301</td>
<td>Advanced Portuguese Language</td>
<td>15</td>
<td>P 292.202</td>
</tr>
<tr>
<td>292.305</td>
<td>Brazilian Culture and Heritage</td>
<td>15</td>
<td>P 292.202</td>
</tr>
</tbody>
</table>

### Minor Requirements

A minor consists of 75 credits in Planning Studies, including at least 45 credits above 100 level, including 292.201, and at least 15 credits at 300 level from the Planning Studies Schedule.

### Politics Major

**Compulsory courses:**

- 200.161 Introduction to Politics 15
- 200.162 Politics and Public Policy in New Zealand 15

**Compulsory courses**

At least 30 credits from:

- 200.201 Middle Eastern Politics 15
- 200.215 Political Theory from Plato to Marx 15
- 200.261 World Politics 15

At least 45 credits from:

- 200.301 Contemporary International Conflict 15
- 200.302 Israel/Palestine and the Arab World 15
- 200.303 Democratic Politics 15
- 200.315 Contemporary Political Thought 15
- 200.361 Contemporary New Zealand Politics 15

Subject courses:

- 230.121 Future State: New Zealand in the 21st Century 15
- 150.201 Te Kawenata o Waitangi: The Treaty of Waitangi in New Zealand Society 15 R 269.274
- 145.318 Geopolitics 15
- 230.301 Social Science at Work 15 P 30 credits at 200 level from 145, 146, 147, and/or 200 prefix courses

**Minor Requirements**

A minor consists of 75 credits in Politics including 200.161; at least one of 200.215 or 200.261; 15 credits at 300 level, 15 credits at 200 or 300 level, and 15 credits at any level from the Politics Schedule. The minor must include at least 60 credits from 200 prefix courses.

### Portuguese (only available as a Minor)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>292.101</td>
<td>Introductory Portuguese Language 1</td>
<td>15</td>
<td>R 292.102, 292.201, 292.202, 292.301</td>
</tr>
<tr>
<td>292.102</td>
<td>Introductory Portuguese Language 2</td>
<td>15</td>
<td>P 292.101, R 292.201, 292.202, 292.301</td>
</tr>
<tr>
<td>292.201</td>
<td>Intermediate Portuguese Language 1</td>
<td>15</td>
<td>P 292.102, R 292.202, 292.301</td>
</tr>
</tbody>
</table>

- 15 credits from:
  - 150.201 Te Kawenata o Waitangi: The Treaty of Waitangi in New Zealand Society 15 R 269.274
- 145.318 Geopolitics 15
- 230.301 Social Science at Work 15 P 30 credits at 200 level from 145, 146, 147, and/or 200 prefix courses

200 prefix or 219.202

### Psychology Major

**Compulsory courses (45 credits):**

- 175.101 Psychology as a Social Science 15
- 175.102 Psychology as a Natural Science 15
- 175.203 Introduction to Psychological Research 15 P 175.102

**Subject courses:**

- 175.205 Brain and Behaviour 15 P 175.205
- 175.206 Memory and Cognition 15 P 175.205
- 175.210 Taha Hinengaro: Biocultural Perspectives in Psychology 15 R 175.312
- 175.301 Community Psychology 15 P 175.203
- 175.302 Abnormal and Therapeutic Psychology 15 P 175.203
- 175.303 The Practice of Psychological Research 15 P 175.203
- 175.304 The Psychology of Security 15 P 175.203
- 175.306 Assessment of Individual Differences 15 P 175.203
- 175.309 Forensic Psychology 15 P 175.203
- 175.311 Psychology of Women 15 P 175.203
- 175.313 Gender and Violence 15 P 175.203
- 175.316 Evolution, Culture and Mind 15 P 175.203
- 175.317 Health Psychology 15 P 175.203
- 175.318 Experimental Psychology 15 P 175.203, P/C 175.205, 175.206
- 175.343 Personnel Psychology and Career Development 15 P 175.203
- 175.345 Organisational Psychology 15 P 175.203

### Minor Requirements

A minor consists of 75 credits in Psychology; including 175.102 and 175.203, 15 credits at 300 level, 15 credits at 200 or 300 level, and 15 credits at any level from the Psychology Schedule.

### Public and Professional Writing (only available as a Minor)

**Compulsory courses:**

- 139.340 The Publishing Project 15 P Any 200-level course with a 139 prefix or 219.202

15 credits from:

- 139.246 Text Image Design: Digital Technical Writing 15 P 230.100 or 230.111 or 119.155 or 247.155 or 119.177 or 247.177 or 219.100 or 192.102
- 219.202 Professional and E-Business Writing 15 R 114.262

**Elective courses:**

- 139.231 Health Writing: Theory and Practice 15 P One of 230.100, 119.155, 247.155, 192.102, 119.177 or 247.177 or 219.100
- 139.244 Writing for the Public 15 P 230.100 or 230.111 or 119.155 or 247.155 or 119.177 or 247.177 or 219.100 or 192.102
- 139.280 Writing Creative Non-Fiction 15 R 139.327
- 139.348 Literacy Studies 15 P Any 200-level course with a 139 prefix or 219.202, R 139.208
- 154.311 Social Media and Digital Cultures 15 P Any 200-level Media Studies course
- 219.234 Editing and Publishing 15

186 MASSEY UNIVERSITY 2018 CALENDAR
Minor requirements
A minor consists of 75 credits in Public and Professional Writing, including 139.246 or 219.202; 139.340; 15 credits at 200 or 300 level; and 30 credits at any level from the Public and Professional Writing Schedule.

Rehabilitation Studies (only available as a Minor)
147.101 Rehabilitation Studies 15
147.102 Mental Health and Society 15
147.201 Issues in Rehabilitation 15
147.202 Mental Health Policy and Practice 15 P 147.102
147.302 Alcohol and Drug Use 15

Minor Requirements
A minor consists of 75 credits in Rehabilitation Studies, including 15 credits at 300 level; 30 credits at 200 and/or 300 level, and 30 credits at any level from the Rehabilitation Schedule.

Security Studies Major
Compulsory courses (75 credits):
149.180 Introduction to Security Studies 15
149.280 Security Issues in the Asia-Pacific 15 P 149.180
149.380 Strategy and Security 15 P 149.280
149.381 Terrorism and Political Violence 15
149.385 Security and the Law 15
Subject courses:
149.170 Introduction to Border Security 15
149.190 Police and Policing in Society 15
200.161 Introduction to Politics 15
149.271 The Security of Global Trade 15
149.272 Intelligence in the Security Environment 15
149.295 Security in the Information Age 15
172.236 Forensic Linguistics 15
200.261 World Politics 15
145.311 Geographies of Globalisation 15
149.350 The History of Defence and Security Intelligence 15
149.380 Defence and Security Technology 15 P 149.151 or 149.180
149.370 Psychology of Evidence in the Security Environment 15
149.382 Biosecurity Theory and Practice 15
175.304 The Psychology of Security 15
200.301 Contemporary International Conflict 15

Minor Requirements
A minor consists of 75 credits, including 149.180, 149.280; 15 credits of 149 prefix courses at 300 level; 15 credits of 149 prefix courses at 200 or 300 level; and 15 credits at any level from the Security Studies Schedule.

Social Anthropology Major
Compulsory courses (45 credits):
146.101 Introductory Social Anthropology 15
146.213 Anthropological Enquiry 15
146.303 Practice of Fieldwork 15

Compulsory course selection
At least 60 credits from:
146.102 Endangered Cultures 15
146.206 Visual Ethnography 15
146.208 Political Anthropology 15
146.209 Food and Eating 15
146.210 Ritual and Belief 15
146.211 Systems of Healing 15
146.214 The Politics of Culture 15
146.302 Regional Ethnography: Asia 15
146.304 Culture, Biology and Race 15

Minor Requirements
A minor consists of 75 credits in Social Anthropology, including 15 credits at 300 level; 30 credits at 200 and/or 300 level, and 30 credits at any level from the Social Anthropology Schedule. The minor must include at least 60 credits from the 146-prefix courses.

Social Policy Major
Compulsory courses (135 credits):
279.101 Social Policy: An Introduction 15 R 179.101
179.230 The Wellbeing of Pacific Peoples in New Zealand 15
279.201 Social Policy: Concepts and Theories 15 P 279.101 or 179.101 or 200.162; 279.101 or 179.101 for BSW.
279.203 Law, Government and Social Policy 15 P 279.101 or 179.101 or 200.162; (179.102 to 2009), R 179.203
179.320 Community Development 15
179.330 Māori Development and the Social Services 15
279.301 Government Policy, Planning and Administration 15 P 279.201 or 179.201; R 179.301
279.302 Policy Research and Evaluation 15 P 279.202 or 176.202; R 179.302

Minor Requirements
A minor consists of 75 credits in Social Policy, including 279.101; both 279.201 and 279.301; and 30 credits from: 179.202, 279.203, 279.302.

Sociology Major
Compulsory courses:
176.101 The Sociological Imagination 15
176.206 Understanding Social Life 15 P Any 100-level Sociology course
176.301 The Sociological Project 15 P 176.201 or 176.206

Subject courses:
176.102 New Zealand Society 15 R 178.104
230.121 Future State: New Zealand in the 21st Century 15
176.203 Development and Social Change: Central Themes 15
176.204 Small Groups 15
176.205 Animals and Human Societies 15
176.207 Family, Intimacy and Domestic Life 15
176.216 Understanding Globalisation 15 R 178.316
176.218 Race, Nation and Modernity 15
176.219 The Transformation of the Pacific: Central Themes 15
Minor Requirements
A minor consists of 75 credits in Sociology, including 15 credits at 300 level; 30 credits at 200 and/or 300 level; and 30 credits at any level from the Sociology Schedule.

Spanish Major
Subject courses:

- 245.101 Introductory Spanish Language I 15
- 245.102 Introductory Spanish Language II 15
- 245.103 Hispanic Culture and Heritage 15
- 245.201 Intermediate Spanish Language I 15
- 245.202 Intermediate Spanish Language II 15
- 245.203 The Sound of Spanish: Diction, Dialects and Diversity 15
- 245.204 Latin American Voices 15
- 245.301 Advanced Spanish Language 15
- 245.302 Theory and Practice of Spanish Translation 15
- 245.303 Latin American Rhythms and Politics: From Tango to Rock 15
- 245.304 Travellers’ Tales: The Invention of Latin America 15
- 245.305 Spanish Conversation on Film 15

Minor Requirements
A minor consists of 75 credits in Spanish, including 15 credits at 300 level; 30 credits at 200 and/or 300 level; and 30 credits at any level from the Spanish Schedule.

Statistics Major
Compulsory course:

- 161.220 Data Analysis 15

Compulsory courses
At least 15 credits from:

- 161.101 Statistics for Business 15
- 161.120 Introductory Statistics 15
- 161.130 Introductory Biostatistics 15

At least 15 credits from:

- 161.200 Statistical Models 15

At least 15 credits from:

- 160.203 Calculus 15
- 160.211 Linear Algebra 15
- 161.221 Applied Linear Models 15

Subject courses:

- 161.223 Introduction to Data Mining 15
- 161.250 Data Analysis for Biologists 15
- 161.304 Advanced Statistical Modelling 15
- 161.321 Sampling and Experimental Design 15
- 161.322 Design and Analysis of Surveys and Experiments 15
- 161.323 Multivariate Analysis 15
- 161.324 Data Mining 15
- 161.325 Statistical Methods for Quality Improvement 15
- 161.327 Generalised Linear Models 15
- 161.331 Biostatistics 15
- 161.342 Forecasting and Time Series 15

Minor Requirements
A minor consists of 75 credits in Statistics, including one of 161.120 or 161.130 (or 161.101 or 115.101); 15 credits at 300 level; 30 credits at 200 and/or 300 level, and 15 credits at any level from the Statistics Schedule.

Te Reo Māori (only available as a Minor)
Compulsory courses:

- 300.111 Te Reo Kōrako, Te Reo Kōrano: Developing and Experiments 15
- 300.211 Te Reo Whakanakonako: Embellishing Te Reo 15

Compulsory course selection
At least 30 credits from:

- 300.310 Te Reo Wāhine: Creative Writing in Te Reo 15
- 300.311 Te Reo Pāpai: Strengthening Te Reo 15
- 300.312 Te Reo a te Marae: Karanga and Whakākore 15

Subject courses:

- 300.100 Te Reo Whaihaohe: Socialising in Te Reo 15
- 300.209 Te Reo Tiriāngāpō: Political Te Reo 15

Theatre Studies (only available as a Minor)
Compulsory course
At least 15 credits from:

- 139.104 Drama in Performance 15
- 139.133 Creative Communication 15

Elective courses:

- 139.209 Speaking: Theory and Practice 15
- 139.220 Applied Theatre: Theatre for Social Change 15
- 139.223 Creative Processes 15
- 139.224 Making Plays for Theatre 15
### Minor requirements
A minor consists of 75 credits in Theatre Studies, including 139.104 or 139.133; 15 credits at 300 level; 30 credits at 200 and/or 300 level; and 15 credits at any level from the Theatre Studies Schedule.

### Women’s Studies (only available as a Minor; no new enrolments from 2017)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>170.102</td>
<td>Women of Ideas and Action</td>
<td>15</td>
</tr>
<tr>
<td>145.218</td>
<td>Development and Inequality</td>
<td>15</td>
</tr>
<tr>
<td>146.208</td>
<td>Food and Eating</td>
<td>15</td>
</tr>
<tr>
<td>170.201</td>
<td>What is Feminism?</td>
<td>15</td>
</tr>
<tr>
<td>170.202</td>
<td>New Zealand Feminism</td>
<td>15</td>
</tr>
<tr>
<td>176.207</td>
<td>Family, Intimacy and Domestic Life</td>
<td>15</td>
</tr>
<tr>
<td>201.211</td>
<td>Love and Sexuality in Ancient Greece</td>
<td>15</td>
</tr>
<tr>
<td>139.381</td>
<td>The Literature of Women</td>
<td>15</td>
</tr>
<tr>
<td>139.376</td>
<td>Sexual/Textual Politics</td>
<td>15</td>
</tr>
<tr>
<td>150.303</td>
<td>Mana Wāhine: Māori Women</td>
<td>15</td>
</tr>
<tr>
<td>154.302</td>
<td>Gender and Race in the Media</td>
<td>15</td>
</tr>
<tr>
<td>201.216</td>
<td>Research methods course</td>
<td>15</td>
</tr>
</tbody>
</table>

### Specialisations

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.313</td>
<td>Gender and Violence</td>
<td>15</td>
</tr>
<tr>
<td>175.311</td>
<td>Psychology of Women</td>
<td>15</td>
</tr>
<tr>
<td>219.302</td>
<td>Gender and Communication in Organisations</td>
<td>15</td>
</tr>
<tr>
<td>275.304</td>
<td>Development of Gender</td>
<td>15</td>
</tr>
</tbody>
</table>

### Minor Requirements
A minor consists of 75 credits in Women’s Studies, including 170.201; 15 credits at 300 level; 15 credits at 200 and/or 300 level; and 30 credits at any level from the Women’s Studies Schedule.

### Schedule C: Other Bachelor of Arts Subjects and Courses

#### Emergency Management

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>130.301</td>
<td>Incident Command Systems</td>
<td>15</td>
</tr>
</tbody>
</table>

#### English for Speakers of Other Languages

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>192.101</td>
<td>English for Academic Purposes for Speakers of Other Languages</td>
<td>15</td>
</tr>
<tr>
<td>192.102</td>
<td>Academic Writing in English for Speakers of Other Languages</td>
<td>15</td>
</tr>
</tbody>
</table>

#### Humanities and Social Sciences

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.103</td>
<td>Nau mai e noho: Engaging with Māori</td>
<td>15</td>
</tr>
<tr>
<td>230.102</td>
<td>Pacific Peoples in New Zealand</td>
<td>15</td>
</tr>
</tbody>
</table>

### Qualification Regulations

#### Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

#### Part II

**Admission**

1. Admission to the Bachelor of Aviation requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been selected into the programme on the basis of:
      (i) a Pilot Aptitude Assessment test;
      (ii) a simulator assessment;
      (iii) a selection interview and written tasks;
      (iv) a ‘trial flight’ if required; and
   (c) hold the relevant medical certificate(s) for the Air Transport Pilot major (a Class One medical certificate of fitness in accordance with the CAA NZ medical requirements for the issue of an Airline Transport Pilot Licence (ATPL)); and
   (d) meet the requirements for ‘fit and proper person’ as defined by the CAA NZ.

#### Qualification Requirements

2. Candidates for the Bachelor of Aviation shall follow a parts-based programme of study, which shall consist of courses totalling at least 480 credits, comprising:
   (a) Parts 1, 2, 3, 4 and 5 as defined by the Schedule to the Qualification;
   (b) no more than 225 credits at 100 level;
   (c) at least 75 credits at 300 level; and including:
      (d) any compulsory courses listed in the Schedule to the Qualification;
      (e) at least one major;
      (f) attending field trips, simulations, workshops, tutorials, and laboratories as required.

3. The requirements for each major are set out in the Schedule for the Qualification.

4. The approved major is Air Transport Pilot (480 credits).

#### Academic Requirements

5. Candidates are required to meet the required competencies to achieve their Commercial Pilots licence and multi-engine instrument ratings in accordance with the following integrated courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>190.104</td>
<td>Principles of Navigation I</td>
<td></td>
</tr>
<tr>
<td>190.107</td>
<td>Human Performance</td>
<td></td>
</tr>
<tr>
<td>190.110</td>
<td>Introduction to Flying</td>
<td></td>
</tr>
<tr>
<td>190.112</td>
<td>Introduction to Flying II</td>
<td></td>
</tr>
<tr>
<td>190.120</td>
<td>Aeronautical Legislation</td>
<td></td>
</tr>
<tr>
<td>190.121</td>
<td>Aeronautical Meteorology</td>
<td></td>
</tr>
<tr>
<td>190.123</td>
<td>Aircraft Systems I</td>
<td></td>
</tr>
<tr>
<td>190.124</td>
<td>Aircraft Performance</td>
<td></td>
</tr>
<tr>
<td>190.154</td>
<td>Principles of Navigation II</td>
<td></td>
</tr>
<tr>
<td>190.201</td>
<td>Aircraft Systems II (Part I)</td>
<td></td>
</tr>
<tr>
<td>190.203</td>
<td>Air Traffic Control/Aviation Law</td>
<td></td>
</tr>
<tr>
<td>190.204</td>
<td>Flight Planning and Advanced Navigation (Part I)</td>
<td></td>
</tr>
<tr>
<td>190.205</td>
<td>Crew Resource Management</td>
<td></td>
</tr>
<tr>
<td>190.221</td>
<td>Advanced Support Studies</td>
<td></td>
</tr>
<tr>
<td>190.237</td>
<td>Air Transport Cockpit Systems</td>
<td></td>
</tr>
<tr>
<td>190.251</td>
<td>Aircraft Systems II (Part 2)</td>
<td></td>
</tr>
<tr>
<td>190.254</td>
<td>Flight Planning and Advanced Navigation (Part 2)</td>
<td></td>
</tr>
<tr>
<td>190.288</td>
<td>Advanced Aircraft Handling</td>
<td></td>
</tr>
</tbody>
</table>

6. Candidates completing the Flight Instruction Option in Part 5 must complete the necessary competencies to achieve a CAA NZ ‘C’ Category Flight Instructor Rating, a night instructor endorsement removal and (if course 190.297 taken) an aerobatics instructor endorsement removal and pass the following integrated courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>190.301</td>
<td>Flight Instructor Human Factors</td>
<td></td>
</tr>
<tr>
<td>190.315</td>
<td>Flight Instruction Fundamentals I</td>
<td></td>
</tr>
</tbody>
</table>
Flight Instruction

And either

190.297 Aerobatic Aircraft Handling for Flight Instructors

or

190.298 Turbo-Prop and Jet Handling*

* This is an integrated course.

7. Integrated courses comprise two components: academic and practicum. A candidate must pass both the academic component and the practicum component to obtain a pass in the course.

Student Progression

8. Candidates must continue to meet the requirements for ‘fit and proper person’ as defined by the Civil Aviation Authority throughout the duration of the programme.

9. Candidates must continue to hold the required medical certifications throughout the duration of the programme.

10. Progression from Part 1 to Part 2 and to each subsequent part is conditional upon the candidate’s successful completion of the prior part. At the discretion of the Chief Executive Officer of the School of Aviation, or their delegate, a candidate may be granted approval to re-enrol for a failed course concurrently with the next part, subject to the University’s maximum workload regulation.

11. The Academic Board may, under such conditions as it may determine and taking into account the recommendations of the examiners, admit any candidate to a supplementary examination where available in a course in which the candidate failed to gain a pass.

Completion Requirements

12. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

13. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Certificate in Aviation Studies or the Graduate Diploma in Aviation should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

14. For students enrolled in the Bachelor of Aviation – Air Transport Pilot major the following will lead to exclusion:

(a) No candidate will be given more than two opportunities to pass each flight assessment, unless in exceptional circumstances and subject to the prior recommendation of the Student Review Board and the approval of the Chief Executive Officer for the School.

(b) Candidates who have failed a flight assessment twice and whose performance is deemed unacceptable by the School of Aviation Student Review Board will be recommended to the Chief Executive Officer for the School to be excluded from the Bachelor of Aviation – Air Transport Pilot major. The Chief Executive Officer will consider the recommendation(s) of the School of Aviation Student Review Board and any other matters the Chief Executive Officer considers relevant and make a recommendation to the Academic Board (or its delegate). The Academic Board (or its delegate) will make the final decision.

(c) Candidates who have failed a compulsory course twice and whose performance is deemed unacceptable by the School of Aviation Student Review Board will be recommended to the Chief Executive Officer for the School to be excluded from the Bachelor of Aviation – Air Transport Pilot major. The Chief Executive Officer will consider the recommendation(s) of the School of Aviation Student Review Board and any other matters the Chief Executive Officer considers relevant and make a recommendation to the Academic Board (or its delegate). The Academic Board (or its delegate) will make the final decision.

(d) Failure to pass 45 credits in a first attempt at Part 1 of the Bachelor of Aviation – Air Transport Pilot major.

(e) Persons excluded under clause (b), (c) and (d) above will not be re-admitted to the Bachelor of Aviation – Air Transport Pilot major without first submitting themselves for re-selection into the programme and being accepted.

Schedule for the Bachelor of Aviation

Air Transport Pilot Major (Aeroplane option)

Part 1 (90 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>190.104</td>
<td>Principles of Navigation I*</td>
<td>15</td>
</tr>
<tr>
<td>190.107</td>
<td>Human Performance*</td>
<td>15</td>
</tr>
<tr>
<td>190.110</td>
<td>Introduction to Flying*</td>
<td>30</td>
</tr>
<tr>
<td>190.112</td>
<td>Introduction to Flying II*</td>
<td>15</td>
</tr>
<tr>
<td>190.118</td>
<td>Aerospace I</td>
<td>15</td>
</tr>
</tbody>
</table>

Part 2 (90 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>190.119</td>
<td>Aeronautical Legislation*</td>
<td>15</td>
</tr>
<tr>
<td>190.120</td>
<td>Aeronautical Meteorology*</td>
<td>15</td>
</tr>
<tr>
<td>190.123</td>
<td>Aircraft Systems I*</td>
<td>15</td>
</tr>
<tr>
<td>190.124</td>
<td>Aircraft Performance*</td>
<td>15</td>
</tr>
<tr>
<td>190.154</td>
<td>Principles of Navigation II*</td>
<td>15</td>
</tr>
</tbody>
</table>

Part 3 (90 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>190.201</td>
<td>Aircraft Systems II (Part II)*</td>
<td>15</td>
</tr>
<tr>
<td>190.203</td>
<td>Air Traffic Control/Airline Law**</td>
<td>15</td>
</tr>
<tr>
<td>190.204</td>
<td>Flight Planning and Advanced Navigation (Part II)*</td>
<td>15</td>
</tr>
<tr>
<td>190.205</td>
<td>Crew Resource Management*</td>
<td>15</td>
</tr>
<tr>
<td>190.206</td>
<td>Aerodynamics I</td>
<td>15</td>
</tr>
<tr>
<td>190.221</td>
<td>Advanced Support Studies*</td>
<td>15</td>
</tr>
</tbody>
</table>

Part 4 (90 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>190.237</td>
<td>Air Transport Cockpit Systems*</td>
<td>15</td>
</tr>
<tr>
<td>190.251</td>
<td>Aircraft Systems II (Part 2)</td>
<td>15</td>
</tr>
<tr>
<td>190.254</td>
<td>Flight Planning and Advanced Navigation (Part 2)*</td>
<td>15</td>
</tr>
<tr>
<td>190.256</td>
<td>Aerodynamics II</td>
<td>15</td>
</tr>
<tr>
<td>190.288</td>
<td>Advanced Aircraft Handling*</td>
<td>30</td>
</tr>
</tbody>
</table>

Part 5 (120 credits):

One option selected from:

Option One: Flight Instruction (Aeroplane)

Compulsory courses (75 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>190.301</td>
<td>Flight Instructor Human Factors</td>
<td>15</td>
</tr>
<tr>
<td>190.315</td>
<td>Flight Instruction Fundamentals I*</td>
<td>15</td>
</tr>
<tr>
<td>190.317</td>
<td>Evaluation Methods in Aviation</td>
<td>15</td>
</tr>
<tr>
<td>190.325</td>
<td>Flight Instruction*</td>
<td>30</td>
</tr>
</tbody>
</table>

30 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>190.297</td>
<td>Aerobatic Aircraft Handling for Flight Instructors*</td>
<td>30</td>
</tr>
<tr>
<td>190.298</td>
<td>Turbo-Prop and Jet Handling*</td>
<td>30</td>
</tr>
</tbody>
</table>

15 credits at 200 or 300 level from the 190 prefix (Aviation)

*This is an integrated course
Option Two: Aviation Human Factors
Compulsory courses (15 credits):

190.313 Advanced Aviation Human Factors 15 P 190.205 or 190.216

105 credits selected from the 190 prefix (Aviation) and the 175 prefix (Psychology); at least 60 credits must be at 300 level.

Option Three: Aviation Business Management

120 credits of elective courses with the approval of the Chief Executive Officer. Up to 60 credits must be selected from the 190 prefix (Aviation) and up to 60 credits may be selected from the following prefixes: 110 (Accountancy), 114 (Human Resource Management), 115 (Business), 125 (Finance), 152 (Management), 153 (Dispute Resolution), 155 (Business Law), 156 (Marketing), 157 (Information Systems), 178 (Economics), 219 (Business Communication).

At least 75 credits must be at the 300 level, of which at least 15 credits is to be from the 190 prefix (Aviation).

Option Four: Airline Internship (not currently offered)

The Degree of Bachelor of Aviation Management
BAvMan

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Degree of Bachelor of Aviation Management requires that the candidate will meet the University admission requirements as specified.

Qualification Requirements

2. Candidates for the Degree of Bachelor of Aviation Management shall follow a flexible programme of study, which shall consist of courses totalling at least 360 credits, comprising:
   (a) not more than 135 credits at 100 level;
   (b) at least 75 credits at 300 level;
   And including:
   (c) at least 270 credits from the Schedule to the Degree, including at least 60 credits at 300 level;
   (d) all compulsory courses in the Schedule to the Degree;
   (e) up to 90 credits from the schedules of other undergraduate degrees.
   (f) attending field trips, studios, workshops, tutorials and laboratories as required.

Specialisations

3. The Degree of Bachelor of Aviation Management is awarded without specialisation.

Completion Requirements

4. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

5. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded an appropriate qualification should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

6. The general Unsatisfactory Academic Progress regulations will apply.

Schedule A: Compulsory Courses (150 credits)

190.109 Aviation Studies 15
190.115 Introduction to Aeronautics 15 R 190.110 or 190.111 or CPL (A or H)
190.116 Introduction to Management in Aviation 15
190.117 Introduction to Human Factors 15 R 190.107
190.216 Aviation Human Factors 15 P 190.107 or 190.117; R 190.205
190.220 Managing Airline Systems 15 P 190.116

Schedule B: Aviation Management Courses (120 credits)

190.224 Environmental Impacts of Aviation 15
190.225 Introduction to Research Methods in Aviation 15 P Any 190.1xx
190.327 Managing Cultures in Aviation 15 P 190.205 or 190.216
190.340 Contemporary Issues in Aviation Security 15

Specialisation:

Option Three: Aviation Human Factors

190.104 Principles of Navigation * 15 P Permission Head of School; C 190.110
190.110 Introduction to Flying * 30 P Permission Head of School; C 190.104
190.112 Introduction to Flying II * 15 P Permission Head of School and 190.110, C 190.104
190.210 Aviation Safety Management 15 P any 190.1xx course
190.211 Aviation Strategic Management 15
190.215 Heavy Aeroplane Performance 15 P 190.102 or 190.110 or 190.111 or CPL; R 190.202 or 190.235 or 190.237 or 90.252
190.217 Instruction and Learning in Aviation 15 P 190.107 or 190.109 or 190.117 or Permission Head of School
190.222 Basic Air Safety Investigation 15 P 190.115 or 190.110 or 190.111 or CPL (A or H)
190.240 Aircraft Maintenance Management 30 P 190.220 or 190.244 or AMEL
190.299 Aviation Special Topic 15 P Permission Head of School; R 190.291 and 190.292
190.302 Check and Training for Airlines 15 P 190.235 or 190.237 or ATPL
190.306 Airline Strategic Management 15 P 190.211
190.307 Airport Planning 15 P Any 190.2xx course
190.308 Airport Operational Management 15 P Any 190.2xx course
190.309 Design of Airways and Air Traffic Systems 15 P Any 190.2xx course
190.313 Advanced Aviation Human Factors 15 P 190.205 or 190.216
190.314 Legal Issues in Aviation 15 P Any 190.2xx course
190.317 Evaluation Methods in Aviation 15 P 190.217, 190.225 or Part III ATP
190.318 Air Transport Economics 15 P 190.220
190.320 Heavy Aeroplane Performance II 15 P 190.237 or 190.215 or Permission Head of School
190.321 Air Accident and Incident Investigation 15 P 190.122 or 190.222
190.328 Aviation Management Practicum 15 P 15 credits at 200 level from 190 prefix courses and Permission Head of School
190.398 Special Topic 15 P Permission Head of School; R 190.399
190.399 Aviation Special Topic 15 P Permission Head of School; R 190.398

* This is an integrated course.
The Degree of Bachelor of Business
BBus

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes
and Regulations of the University including the General Regulations
for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate
Certificates, Graduate Diplomas, and Graduate Certificates.

Part II
Admission

1. Admission to the Bachelor of Business requires that the candidate will
meet the University admission requirements as specified.

Qualification Requirements

2. Candidates for the Bachelor of Business shall follow a flexible
programme of study, which shall consist of courses totalling at least 360
credits, comprising:

(a) not more than 180 credits at 100 level;
(b) at least 75 credits at 300 level;
and including:
(c) at least 240 credits from the Schedule to the Degree.
(d) the core courses listed in Schedule A of the Bachelor of Business
Schedule;
(e) completion of at least one major.

3. Candidates who have been awarded the Graduate Diploma in Business
Studies may cross-credit up to 45 credits at the 200 level to the BBus
degree. Where the Diploma contained fewer than 45 credits at the 200
level, up to 45 unspecified 200 level credits may be credited.

4. Candidates, who in the opinion of the Academic Board have passed with
sufficient merit subjects for the New Zealand Certificate of Commerce,
New Zealand Diploma in Business, or subjects for some other recognised
tertiary qualification, may be cross-credited with specified or unspecified
courses not exceeding a total of 120 credits.

Specialisations

5. Candidates must complete a major by passing at least 120 credits in a
major including:

(a) at least 45 credits at 200 level;
(b) at least 60 credits at 300 level;
(c) any compulsory courses identified in Schedule B of the Schedule to
the Degree.

The requirements for each major are set out in Schedule B of the Schedule for the Qualification.

6. Notwithstanding Regulation 5, candidates may substitute one of the
internship courses 115.388 or 115.389 for 15 credits from the elective
course(s) specified for a major in Schedule B of the Schedule to the Degree.

7. Candidates who wish to meet the requirements for accreditation by the
Valuers Registration Board, must complete:

(a) of the following courses specified in the Schedule as compulsory
courses for the Property major: 127.241, 127.242, 127.245, 155.201,
127.341, 127.342, 127.343; and

(b) of the following courses: 132.221, 218.172, 218.273, 218.274 and
(178.242 or 127.378).

8. Candidates may complete a double major by passing at least 120 credits
in each of two of the majoring subjects listed in Regulation 16 including:

(a) at least 45 credits at 200 level for each major;
(b) at least 60 credits at 300 level for each major;
(c) any compulsory courses identified in Schedule B of the Schedule to
the Degree;
and, only where a course is listed in the requirements for both majors:
(d) an additional course of at least the same credit value, at the same or
higher level, with the same discipline prefix; or, where the course
listed in the requirements for both majors is a capstone course, an
additional course of at least the same credit value, at the same or
higher level, with the same discipline prefix as one of the candidate’s
majoring subjects, or 115.388 Internship in Business as an additional
course.

9. Candidates may include a minor in the Degree of Bachelor of Business.

10. The minor must be in a different discipline from the major(s).

11. Minors may be included from any undergraduate degree within the
University for which recognised minors are specified.

12. Where the minor is from another undergraduate degree the regulations of
that qualification for the minor will apply.

13. A BBus minor must include:

(a) a minimum of 60 credits;
(b) at least 45 credits above 100 level;
(c) at least 15 credits at 300 level.

The requirements for each minor are set out in Schedule B of the
Schedule for the Qualification.

14. No course may be credited to both a major and a minor.

15. No course may be credited to more than one major.

16. Majors and Minors available in the Bachelor of Business are
Accountancy, Agribusiness*, Business Analytics (Minor only), Business
Law (Minor only), Dispute Resolution (Minor only), Economics,
Enterprise and Innovation, Finance, Financial Advice (Minor only), Financial Economics*, Human Resource Management and
Employment Relations, Information Systems*, International Business,
Management, Maori Business (Minor only), Marketing, Marketing
Communication*, Organisational Technology Management, Property,
Sport Business Management*, Strategic Communication, and Web-Based
Information Systems*.

* These majors are only available for students under 2012 or prior
regulations.

Completion Requirements

17. The timeframes for completion as outlined in the General Regulations
for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate
Certificates, Graduate Diplomas, and Graduate Certificates will apply.

18. Candidates may be graduated when they meet the Admission,
Qualification and Academic requirements within the prescribed
timeframes; candidates who do not meet the requirements for graduation
may, subject to the approval of Academic Board, be awarded the
Diploma in Business Studies should they meet the relevant Qualification
requirements.

Unsatisfactory Academic Progress

19. The general Unsatisfactory Academic Progress regulations will apply.

Transition Arrangements

20. All candidates who commence study towards the Bachelor of Business on
or after 1 January 2017 must satisfy the requirements as specified in these
regulations.

21. All candidates who commenced study towards the Bachelor of Business
prior to 1 January 2017 may elect to be awarded the alternative title of
Bachelor of Business Studies on completion, subject to the maximum
Time to Completion and Abandonment of Study provisions specified in
the Part I regulations to the Degree.

22. Subject to the Maximum Time to Completion and Abandonment of
Studies provisions specified in the Part I regulations for the degree,
candidates who have passed fewer than 180 credits towards the Bachelor
of Business prior to 1 January 2017 will transfer to the 2017 regulations under the following conditions:

(a) Course substitution beyond the normal limits will be permitted in
respect to courses already completed at the same level towards the
BBus core or towards a major or minor prior to 1 January 2017.
(b) Candidates must complete 115.111 Strategic Workplace
Communication, unless an equivalent communication course has
already been completed and approved by the Academic Board or
their delegate.
(c) Candidates who have not completed 115.103 prior to the beginning
of the 2017 academic year must complete the core course 115.211.
(d) Candidates must complete the core course 115.212.
(e) Where under these regulations a capstone course is specified for a major in which a candidate is enrolled, that course must be completed unless at least 60 credits at 300 level have already been completed towards that major.

The transition arrangements established under Regulation 22 expire 31 December 2023.

23. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates who have passed at least 180 credits of study towards the Bachelor of Business prior to 1 January 2017 will transfer to the 2017 regulations under the following conditions:

(a) Course substitution beyond the normal limits will be permitted in respect to courses already completed towards the BBus core or at the same level towards a major or minor prior to 1 January 2017.

(b) Where under these regulations a capstone course is specified for a major in which a candidate is enrolled, that course must be completed unless at least 60 credits at 300 level have already been completed towards that major.

The transition arrangements established under Regulation 23 expire 31 December 2020.

24. All candidates who commenced study towards the Bachelor of Business specialisation in Strategic Communication prior to 1 January 2017 may elect to be awarded the alternative specialisation title of Communication on completion, subject to the maximum Time to Completion and Abandonment of Study provisions specified in the Part I regulations to the degree.

25. All candidates who commenced study towards the Bachelor of Business specialisation in Property prior to 1 January 2017 may elect to be awarded the alternative specialisation title of Valuation and Property Management on completion, subject to the maximum Time to Completion and Abandonment of Study provisions specified in the Part I regulations to the degree.

The transition arrangements established under Regulations 21, 24 and 25 expire 31 December 2021.

26. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates who commenced study towards a major or minor in Business Information Systems, Entrepreneurship and Small Business, Human Resource Management prior to 1 January 2018 may be permitted to substitute any course already completed towards the major or minor for a course at the same level included in the Organisational Technology Management; Entrepreneurship and Innovation; or Human Resource Management and Employment Relations specialisation respectively. On completion such candidates may elect to be awarded the title of the specialisation under which they originally enrolled.

27. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates who commenced study towards a major or minor in International Business or Management prior to 1 January 2018 may be permitted to substitute any course already completed towards the major or minor for a course at the same level included in the relevant Schedule, including compulsory courses.

28. Notwithstanding Regulations 26 and 27, where a capstone course is specified for a major in which a candidate is enrolled, that course must be completed unless at least 60 credits at 300 level have already been completed towards that major.

The transition arrangements established under Regulations 26, 27 and 28 expire 31 December 2022.

### Schedule for the Degree of Bachelor of Business

#### Schedule A

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.111</td>
<td>Strategic Workplace Communication</td>
<td>15</td>
<td>R 219.100</td>
</tr>
<tr>
<td>115.112</td>
<td>Accounting for Business</td>
<td>15</td>
<td>R 115.102</td>
</tr>
<tr>
<td>115.113</td>
<td>Economics of Business</td>
<td>15</td>
<td>R 115.106</td>
</tr>
<tr>
<td>115.114</td>
<td>Finance Fundamentals</td>
<td>15</td>
<td>R 115.105</td>
</tr>
<tr>
<td>115.115</td>
<td>Management in Context</td>
<td>15</td>
<td>R 115.108</td>
</tr>
<tr>
<td>115.116</td>
<td>Introduction to Marketing</td>
<td>15</td>
<td>R 115.104</td>
</tr>
<tr>
<td>115.211</td>
<td>Business Law</td>
<td>15</td>
<td>P 90 credits at 100 level; R 115.103</td>
</tr>
</tbody>
</table>

#### Schedule B

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.212</td>
<td>Fundamentals of Leadership and Teamwork</td>
<td>15</td>
<td>P 90 credits at 100 level</td>
</tr>
</tbody>
</table>

### Courses for the Bachelor of Business specialisations

#### Accountancy (120 credits)

**Compulsory courses (75 credits):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>110.209</td>
<td>Intermediate Financial Accounting</td>
<td>15</td>
<td>P 110.109 or 110.215 or 110.230; R 10.210, 10.213 (pre-1999), 110.313</td>
</tr>
<tr>
<td>110.229</td>
<td>Management Accounting</td>
<td>15</td>
<td>P 110.109 or 110.215 or 110.230; R 110.200, 10.220, 110.223</td>
</tr>
<tr>
<td>110.309</td>
<td>Advanced Financial Accounting</td>
<td>15</td>
<td>P 110.209 or 110.313; R 10.310, 110.713</td>
</tr>
<tr>
<td>110.329</td>
<td>Advanced Management Accounting</td>
<td>15</td>
<td>P 110.229 or 110.223; R 110.320</td>
</tr>
</tbody>
</table>

**Compulsory capstone course (15 credits):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>110.303</td>
<td>Integrative Accounting</td>
<td>15</td>
<td>P 240 credits inclusive of 110.209 or 110.313, 110.223 or 110.229 and at least 15 credits at 300 level with a 110 prefix from the BBus Schedule</td>
</tr>
</tbody>
</table>

**Compulsory courses 15 credits from:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>110.249</td>
<td>Accounting Information Systems</td>
<td>15</td>
<td>P 110.109 or 110.215 or 110.230; R 110.243, 10.240</td>
</tr>
<tr>
<td>110.279</td>
<td>Auditing</td>
<td>15</td>
<td>P 110.100 or 110.230 or 115.102 or 115.112; R 10.273, 110.274</td>
</tr>
<tr>
<td>110.289</td>
<td>Taxation</td>
<td>15</td>
<td>P 110.100 or 110.230 or 115.102 or 115.112; R 10.283, 110.274</td>
</tr>
</tbody>
</table>

**15 credits from:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>110.389</td>
<td>Forensic Accounting</td>
<td>15</td>
<td>P 110.249 and 110.279</td>
</tr>
<tr>
<td>110.379</td>
<td>Advanced Auditing</td>
<td>15</td>
<td>P 110.109 or 110.215 or 110.230; and 110.279 or 110.274</td>
</tr>
<tr>
<td>110.389</td>
<td>Advanced Taxation</td>
<td>15</td>
<td>P 110.109 or 110.215 or 110.230; and 110.279 or 110.274; R 110.783</td>
</tr>
<tr>
<td>115.386</td>
<td>Internship in Business</td>
<td>30</td>
<td>P Permission Head of School</td>
</tr>
<tr>
<td>115.389</td>
<td>Business Internship</td>
<td>15</td>
<td>P Permission Head of School; R 115.388</td>
</tr>
</tbody>
</table>

### Minor requirements

A minor consists of 60 credits in Accountancy; including 110.109, 110.209, 110.229, and either 110.309 or 110.329.

### Agribusiness (90 credits)

No new enrolments from 2012.

### Business Analytics Minor (60 credits)

**Compulsory courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.109</td>
<td>Introduction to Business Data Analytics</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>156.233</td>
<td>Marketing Research</td>
<td>15</td>
<td>P 115.104 or 115.116 or 156.200 or 75 credits for non-Business students.</td>
</tr>
<tr>
<td>158.244</td>
<td>System Management and Testing</td>
<td>15</td>
<td>P 157.1xx or 158.1xx or 115.107</td>
</tr>
<tr>
<td>156.340</td>
<td>Customer Intelligence</td>
<td>15</td>
<td>P 156.233</td>
</tr>
</tbody>
</table>

### Business Law Minor (60 credits)

**Compulsory course (15 credits):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>155.202</td>
<td>Essentials of Law</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

**Subject courses (45 credits):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>155.201</td>
<td>Law of Property</td>
<td>15</td>
<td>P 115.103 or 155.202 or 115.211; R 155.216, 155.700</td>
</tr>
<tr>
<td>155.203</td>
<td>Law of Business Organisations</td>
<td>15</td>
<td>P 115.103 or 155.202 or 115.211; R 155.200, 155.700</td>
</tr>
</tbody>
</table>
### Dispute Resolution Minor (60 credits)

(a) Compulsory courses:
- 153.200 Introduction to Dispute Resolution 15
- 153.202 Law and Mediation 15
- 153.204 Negotiation Principles 15

(b) Elective courses (15 credits):
- 153.302 Mediation Process 15
- 153.320 Employment Dispute Resolution 15

### Economics (120 credits)

Compulsory courses (45 credits):
- 178.100 Principles of Macroeconomics 15
- 178.200 Intermediate Macroeconomics 15
- 178.201 Intermediate Microeconomics 15

Compulsory capstone course (15 credits):
- 178.352 Survey of International Economics 15

Compulsory courses
- 15 credits from:
  - 178.300 Advanced Macroeconomics 15
  - 178.301 Advanced Microeconomics 15

- 15 credits from:
  - 178.221 Methods of Economic Analysis 15
  - 178.250 Contemporary Economic Issues 15
  - 178.280 Introduction to Econometrics 15

Subject courses
- 30 credits from:
  - 115.388 Internship in Business 30
  - 115.389 Business Internship 15
  - 178.300 Advanced Macroeconomics 15
  - 178.301 Advanced Microeconomics 15
  - 178.360 Natural Resource and Environmental Economics 15
  - 178.370 Development Economics 15
  - 178.380 Applied Econometrics 15

### Minor requirements
A minor consists of 60 credits in Economics; including 178.100, 178.200, 178.201; and either 178.352 or 178.360 or 178.370.

### Entrepreneurship and Innovation Major (120 credits)

Compulsory courses (90 credits):
- 152.232 Small Business Management 15
- 152.233 Fundamentals of Entrepreneurship and Innovation 15
- 152.234 Business Model Innovation 15
- 152.331 Scaling and Growth 15

### Minor Requirements
A minor consists of 60 credits in Finance; including 125.220, 125.230, 125.241; and either 125.330 or 125.340.

### Financial Advice Minor (60 credits)

Compulsory courses
- One of (15 credits):
  - 125.211 The Financial Planning Process 15
  - 125.240 Fundamentals of Investment 15
  - 125.342 Investment Planning 15

Both of (30 credits):
- 110.380 Estate and Tax Planning 15
Minor requirements
A minor consists of 60 credits in Human Resource Management and Employment Relations, including: 114.241, 114.254, 114.396 and either 114.331 or 114.332.

Information Systems
No new enrolments from 2007.

International Business (120 credits)
Compulsory courses (75 credits):
152.261 International Business 15
152.264 International Supply Chain Management 15 R 152.263
152.350 Strategic Management and Governance 15 P Any 200-level Management course; R 152.341, 152.365
152.386 Operational Management of International Business 15
219.304 Cross-Cultural Communication 15 R 114.354

Compulsory Capstone Course (15 credits):
152.399 Integrative Management 15 P Any 114.3xx or 152.3xx or 157.3xx course

Subject courses (30 credits):
15 credits from:
152.203 Business and Society 15
152.250 Managing Organisations 15 R 152.200
152.252 Project Management 15
152.350 Strategic Management and Governance 15 P Any 200-level Management course; R 152.341, 152.365.
152.355 Sustainability Issues, Challenges and Responses 15 P Any 200-level course from the 152 course prefix series; R 152.392.

Minor requirements
A minor consists of 60 credits in International Business; including 152.261, 152.264, 152.366 and 219.304.

Management (120 credits)
Compulsory courses (75 credits):
152.203 Business and Society 15 R 52.101
152.250 Managing Organisations 15 R 152.200
152.252 Project Management 15
152.350 Strategic Management and Governance 15 P Any 200-level Management course; R 152.341, 152.365.
152.355 Sustainability Issues, Challenges and Responses 15 P Any 200-level course from the 152 course prefix series; R 152.392.

Compulsory Capstone course (15 credits):
152.399 Integrative Management 15 P Any 114.3xx or 152.3xx or 157.3xx course

Subject courses (30 credits):
115.388 Internship in Business 30 P Permission Head of School
115.389 Business Internship 15 P Permission Head of School, R 115.388

Minor requirements
A minor consists of 60 credits in Management; including 152.250, 152.252, 152.350 and 152.304 or 152.325 or 152.336.

Māori Business Minor (60 credits)
(a) Compulsory courses (45 credits):
152.250 Project Management 15
152.270 Māori Management 15
152.370 Te Whanaketanga o te Pakihi Māori – Advanced Māori Business Development and Management 15

(b) One of (15 credits):
150.201 Te Kawanata o Waitangi: The Treaty of Waitangi in New Zealand Society 15 R 269.274
150.213 Tikanga-a-Iwi: Tribal Development 15 P 150.114 or 146.101 (Note 2): nil for GradDipMāoriDevpt; nil for GradDipArts

Marketing (120 credits)
Compulsory courses (45 credits):
156.231 Strategic Marketing Management 15 P 115.104 or 115.116 or 156.200
156.232 Consumer Behaviour 15 P 115.104 or 115.116 or 156.200 or 75 credits for non-Business students
156.233 Marketing Research 15 P 115.104 or 115.116 or 156.200 or 75 credits for non-Business students

Compulsory capstone course (15 credits):
156.334 Marketing Consultancy Project 15 P 156.231 and any 156.2xx course

Compulsory courses
15 credits from:
156.235 Social Media and Digital Marketing 15 P 115.104 or 115.116 or 156.200 or 75 credits for non-Business students
156.237 Marketing Communication and Advertising 15 P 115.104 or 115.116 or 156.200; R 156.234 or 156.236
156.238 Marketing New Products 15 P 115.104 or 115.116 or 156.200

45 credits from:
115.388 Internship in Business 30 P Permission Head of School
115.389 Business Internship 15 P Permission Head of School; R 115.388
156.333 Market Analysis 15 P 156.231 and 156.233
156.338 International Marketing 15 P 156.231 and 156.232
156.339 Omni-Channel Retail Marketing 15 P 156.231 or 290.2xx
156.340 Customer Intelligence 15 P 156.233
156.341 Branding 15 P 156.231 and 156.232
219.305 Public Relations Management 15 P 219.209; or any 200-level course for GDipJS and GDipBusStuds; R 114.363

Minor requirements
A minor consists of 60 credits in Marketing; including 156.231, 156.232, 156.233 and 156.341.

Marketing Communication (90 credits)
No new enrolments from 2012.

Organisational Technology Management (120 credits)
Compulsory courses (90 credits):
157.150 Management Information Systems 15 R 157.100, 115.107
157.216 Management, Analytics and Decision Making 15
157.241 Technology Trends for Organisations 15 P 157.150 or 115.107 or 158.1xx or 159.1xx; R 157.242
157.340 Organisational Knowledge Management 15 P 114.2xx or 152.2xx or 157.2xx or 158.2xx or 159.2xx
157.384 Managing Technology Projects and Programmes 15 P 114.2xx or 152.2xx or 157.2xx or 158.2xx or 159.2xx

Compulsory capstone course (15 credits):
152.399 Integrative Management 15 P Any 300-level 114, 152 or 157 prefix course

Subject courses (15 credits):
115.388 Internship in Business 30 P Permission Head of School
115.389 Business Internship 15 P Permission Head of School; R 115.388
153.204 Negotiation Principles 15 R 153.307
157.240 Social Media Networks for Business 15
158.235 Networks: Security and Privacy 15 P 158.1xx or 159.1xx or 157.150 or 115.107

Minor requirements

Property (120 credits)
Compulsory courses (90 credits):
127.241 Property Market Principles 15

127.242 Introduction to Property Valuation 15 R 127.255
127.245 Introduction to Property Finance and Investment 15 P 115.105 or 115.114
155.201 Law of Property 15 P 115.103 or 115.211 or 155.202; R 155.218, 155.700
127.341 Property Management and Development 15 P 127.241
127.343 Applied Property Valuation 15 P 127.242

Compulsory capstone course (15 credits):
127.342 Applied Property Finance and Investment 15 P 127.241, 127.242, 127.245 and one of 127.341 or 127.343 or 127.378, C 127.341 or 127.343 or 127.378

Subject courses (15 credits):
115.388 Internship in Business 30 P Permission Head of School
115.389 Business Internship 15 P Permission Head of School; R 115.388
127.378 Property Economics 15

Minor requirements
A minor consists of 60 credits in Property; including 127.241, 127.341, 155.201 and 127.245.

Sport Business Management (90 credits) (no new enrolments from 2013)

Strategic Communication (120 credits)
Compulsory courses (60 credits):
219.209 Public Relations Practice 15
219.303 Organisational Communication 15 R 114.353
219.305 Public Relations Management 15 P 219.209; or any 200-level course for GDipJS and GDipBusStuds; R 114.363
219.310 Speech Writing 15

Compulsory capstone course (15 credits):
219.345 Strategic Communication Capstone 15 P 219.303, 219.365

Subject courses (45 credits):
115.388 Internship in Business 30 P Permission Head of School
115.389 Business Internship 15 P Permission Head of School; R 115.388
156.237 Marketing Communication and Advertising 15 P 115.104 or 115.116 or 156.200; R 156.234 or 156.236
219.205 Professional Presentations in Business 15 P 114.285
156.341 Branding 15 P 156.231 and 156.232
219.311 Communication Internship 15 P 219.2xx and Permission Head of School
219.312 Risk and Crisis Communication 15

Minor requirements
A minor consists of 60 credits in Strategic Communication; including 219.209, 219.303, 219.305 and 219.310.

Web-Based Information Systems
No new enrolments.

Schedule C Elective Course
115.250 Practice to Innovation 60 P Appraisal required.
The Degree of Bachelor of Commercial Music  
BCommMus

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Degree of Bachelor of Commercial Music requires that the candidate will meet the University admission requirements as specified.
2. Admission to the Music Practice major will be by selection on the basis of an audition.

Qualification Requirements

3. Candidates for the Degree of Bachelor of Commercial Music shall follow a flexible programme of study, which shall consist of courses totalling 360 credits, comprising:
   (a) at least 300 credits selected from the Schedule to the Degree;
   (b) not more than 150 credits at 100 level;
   (c) at least 105 credits at 300 level;
   and including
   (d) the core courses as specified in Schedule A;
   (e) any compulsory courses specified in the Schedule to the Degree;
   (f) attending studios, workshops, tutorials, and events as required.

Specialisations

4. Candidates must complete the requirements of one major as specified in Schedule B to the Qualification.
5. Majors available for the Bachelor of Commercial Music are: Music Industry, Music Practice and Music Technology.
6. Candidates may complete a minor by passing at least 60 credits from the schedule for one of the Bachelor of Commercial Music majors, including:
   (a) at least 45 credits above 100 level; and
   (b) at least 15 credits at 300 level.
   (c) any compulsory courses identified for the minor in Schedule B for the degree.
7. Minors available for the Bachelor of Commercial Music are: Music Industry, Music Practice, and Music Technology.
8. Notwithstanding Regulation 7, candidates may include a minor from any undergraduate degree within the university for which recognised minors are specified.
9. Where a minor is from another undergraduate degree the regulations of that qualification for the minor will apply.
10. No course may be credited to both a major and a minor.

Completion Requirements

11. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.
12. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes. Candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded an alternative qualification should they meet the relevant qualification requirements.

Unsatisfactory Academic Progress

13. The general Unsatisfactory Academic regulations will apply.

Transitional Arrangements

14. All candidates enrolled in the Bachelor of Commercial Music prior to 1 January 2018 who have completed either 133.165 or 133.265 must complete both of these courses and will be permitted to substitute these courses for the compulsory courses 133.154 and 133.254. These transitional arrangements expire 31 December 2020.

Schedule A: Core Courses for the Bachelor of Commercial Music

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>133.154</td>
<td>Contemporary Musicology</td>
<td>15</td>
</tr>
<tr>
<td>133.155</td>
<td>Web Development, Social Media and the Cloud</td>
<td>15</td>
</tr>
<tr>
<td>133.156</td>
<td>The Recorded Work</td>
<td>15</td>
</tr>
<tr>
<td>133.158</td>
<td>The Musical Engagement ‘Gig’</td>
<td>15</td>
</tr>
<tr>
<td>133.254</td>
<td>Music Video Production</td>
<td>15</td>
</tr>
<tr>
<td>133.256</td>
<td>Music Media</td>
<td>15</td>
</tr>
<tr>
<td>133.257</td>
<td>Philosophical Perspectives in Music</td>
<td>15</td>
</tr>
<tr>
<td>133.258</td>
<td>Music Touring</td>
<td>15</td>
</tr>
<tr>
<td>133.259</td>
<td>Political Economy, Freeconomy and Community</td>
<td>15</td>
</tr>
<tr>
<td>133.266</td>
<td>Graduate Portfolio Development</td>
<td>15</td>
</tr>
</tbody>
</table>

Schedule B: Courses for the Bachelor of Commercial Music Majors

Music Industry

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>133.166</td>
<td>Music Label Development</td>
<td>15</td>
</tr>
<tr>
<td>133.167</td>
<td>Live Music 1</td>
<td>15</td>
</tr>
<tr>
<td>133.168</td>
<td>Music Artist Development</td>
<td>15</td>
</tr>
<tr>
<td>133.267</td>
<td>Live Music 2</td>
<td>15</td>
</tr>
<tr>
<td>133.268</td>
<td>Music Publishing</td>
<td>15</td>
</tr>
<tr>
<td>133.269</td>
<td>The Music Manager</td>
<td>15</td>
</tr>
<tr>
<td>133.266</td>
<td>Future Music</td>
<td>15</td>
</tr>
<tr>
<td>133.267</td>
<td>Music Industry Major Project Pre-production</td>
<td>15</td>
</tr>
<tr>
<td>133.268</td>
<td>Music Industry Major Project</td>
<td>15</td>
</tr>
</tbody>
</table>

Minor requirements:
A minor consists of 60 credits in Music Industry; including 133.167, 133.267, 133.268 and 133.365 or 133.366.

Music Practice

150 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>133.175</td>
<td>Music Instrument Practice 1</td>
<td>15</td>
</tr>
<tr>
<td>133.176</td>
<td>Music Composition and Arrangement 1</td>
<td>15</td>
</tr>
<tr>
<td>133.177</td>
<td>Music Studio Production</td>
<td>15</td>
</tr>
<tr>
<td>133.275</td>
<td>Music Instrument Practice 2</td>
<td>15</td>
</tr>
<tr>
<td>133.276</td>
<td>Music Composition and Arrangement 2</td>
<td>15</td>
</tr>
<tr>
<td>133.275</td>
<td>Music Instrument Practice 3</td>
<td>15</td>
</tr>
<tr>
<td>133.276</td>
<td>Music Composition and Arrangement 3</td>
<td>15</td>
</tr>
<tr>
<td>133.277</td>
<td>Music Practice Major Project Pre-production</td>
<td>15</td>
</tr>
<tr>
<td>133.278</td>
<td>Music Practice Major Project</td>
<td>15</td>
</tr>
</tbody>
</table>

Minor requirements:
A minor consists of 60 credits in Music Practice; including 133.176, 133.276, 133.277 and 133.376.
Music Technology

133.185 Music and Sound Engineering 15
133.186 Musical Interface and Interaction 15
133.187 Live Technologies – Sound and Light 15 C 133.185
133.285 Music Software Development 1 15
133.286 Music Hardware and Electronics 1 15
133.385 Music Software Development 2 15 P 133.186, 133.285
133.386 Music Hardware and Electronics 2 15 P 133.286
133.387 Music Technology Major Project Pre-production 15 P 133.255, 133.256, 133.257, 133.285, 133.286
133.388 Music Technology Major Project 30 P 133.387

Minor requirements:
A minor consists of 60 credits in Music Technology; including 133.186, 133.285, 133.286 and 133.385 or 133.386.

Schedule C: Elective courses for the Bachelor of Commercial Music
Up to 60 credits from any other courses offered by the University and may include:

133.190 Music Special Topic 15 P Permission Course Coordinator
133.277 Electronic Music 15 P 133.176 or 133.177
133.290 Music Special Topic 15 P Permission Course Coordinator
133.390 Music Special Topic 15 P Permission Course Coordinator

The Degree of Bachelor of Communication

Qualification Regulations
Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II
Admission
1. Admission to the Bachelor of Communication requires that the candidate will meet the University admission requirements as specified.

Qualification Requirements
2. Candidates for the Bachelor of Communication shall follow a flexible programme of study, which shall consist of courses totalling at least 360 credits comprising:
   (a) not more than 165 credits at 100 level;
   (b) at least 75 credits at 300 level;
   (c) at least 300 credits from the Schedule for the Degree of Bachelor of Communication;
   And including:
   (d) the core communication courses listed in Part A of the Bachelor of Communication Schedule;
   (e) one major (120 credits) and one minor (60 credits) in accordance with the combinations specified in Regulations 4 and 5;
   (f) the remaining courses (60 credits) from any undergraduate degree of the University.

Specialisations
3. Candidates must complete a major by passing at least 120 credits in a major. The requirements for each major are set out in Part B of the Schedule for the Qualification.
4. Candidates must complete a minor by passing at least 60 credits in a minor. The requirements for each minor are set out in Part B of the Schedule for the Qualification.
5. Candidates completing a major in Communication Management, Journalism Studies, Marketing Communication, Public Relations, or composite Communication Management/Journalism Studies must complete a minor in Expressive Arts, International Languages, Linguistics, Media Studies, or composite Expressive Arts/Media Studies.
6. Candidates completing a major in Expressive Arts, Linguistics, Media Studies or composite Expressive Arts/Media Studies must complete a minor in Communication Management, Journalism Studies, Marketing Communication, Public Relations or composite Communication Management/Journalism Studies.
7. No course may be credited to both a major and a minor.

Completion Requirements
8. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Diploma in Communication, or the Graduate Diploma in Business Studies endorsed in Communication Management or the Diploma in Arts should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
10. The general Unsatisfactory Academic Progress regulations will apply.

Transition Arrangements
11. Candidates who commenced the Bachelor of Communication prior to 1 January 2016 and who have completed at least 45 credits towards the Communication Management major may complete this major in accordance with the regulations in place at the time of their first enrolment.
12. Candidates who commenced the Bachelor of Communication prior to 1 January 2016 and who have completed at least 30 credits towards the Communication Management minor may complete this minor in accordance with the regulations in place at the time of their first enrolment.
13. These transition arrangements expire at the end of 2018.
14. Candidates who commenced the Bachelor of Communication prior to 1 January 2017 and who have completed at least 45 credits towards the Journalism Studies major, or at least 15 credits towards the Journalism minor, may complete this major or minor in accordance with the regulations in place at the time of their first enrolment. These transition arrangements expire at the end of 2019.
15. Candidates enrolled in the Bachelor of Communication prior to 1 January 2017 who have completed at least 45 credits towards the Linguistics major may be permitted variation in excess of the stated limits in order to complete the requirements of the major. These transitional arrangements expire on 31 December 2019.

Schedule for the Degree of Bachelor of Communication

Part A
Core courses for the Bachelor of Communication

115.116 Introduction to Marketing 15 R 115.104
139.133 Creative Communication 15
154.101 Introduction to Media Studies 15
172.131 Language and Communication 15
219.100 Introduction to Business Communication 15 R 219.203
219.101 Media Skills 15
219.107 Introduction to Cross-Cultural Communication 15
230.111 Tū Kupu: Writing and Inquiry 15 R 230.100, 119.155, 119.177, 237.130, 247.155, 247.177, 250.100
### Part B

**Specific courses for the Bachelor of Communication Majors and Minors**

**Communication Management Major (120 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>219.206</td>
<td>Communication and Technological Change</td>
<td>15</td>
</tr>
<tr>
<td>219.303</td>
<td>Organisational Communication</td>
<td>15</td>
</tr>
</tbody>
</table>

At least 15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>219.304</td>
<td>Cross-Cultural Communication</td>
<td>15</td>
</tr>
<tr>
<td>219.307</td>
<td>Interpersonal Communication</td>
<td>15</td>
</tr>
</tbody>
</table>

No more than 45 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>219.202</td>
<td>Professional and E-Business Writing</td>
<td>15</td>
</tr>
<tr>
<td>219.205</td>
<td>Professional Presentations in Business</td>
<td>15</td>
</tr>
<tr>
<td>219.209</td>
<td>Public Relations Practice</td>
<td>15</td>
</tr>
</tbody>
</table>

At least 30 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>219.302</td>
<td>Gender and Communication in Organisations</td>
<td>15</td>
</tr>
<tr>
<td>219.304</td>
<td>Cross-Cultural Communication</td>
<td>15</td>
</tr>
<tr>
<td>219.307</td>
<td>Interpersonal Communication</td>
<td>15</td>
</tr>
<tr>
<td>219.310</td>
<td>Speech Writing</td>
<td>15</td>
</tr>
<tr>
<td>219.311</td>
<td>Communication Internship</td>
<td>15</td>
</tr>
</tbody>
</table>

**Minor requirements**

A minor consists of 60 credits in Communication Management, including 219.206, 219.303, either 219.304 or 219.307 and 15 credits at 200 or 300 level.

**Expressive Arts Major (120 credits)**

No more than 60 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>139.209</td>
<td>Speaking: Theory and Practice</td>
<td>15</td>
</tr>
<tr>
<td>139.220</td>
<td>Applied Theatre: Theatre for Social Change</td>
<td>15</td>
</tr>
<tr>
<td>139.223</td>
<td>Creative Processes</td>
<td>15</td>
</tr>
<tr>
<td>139.224</td>
<td>Making Plays for Theatre</td>
<td>15</td>
</tr>
<tr>
<td>139.225</td>
<td>Writing for Children</td>
<td>15</td>
</tr>
<tr>
<td>139.229</td>
<td>Writing Poetry</td>
<td>15</td>
</tr>
<tr>
<td>139.280</td>
<td>Writing Creative Non-Fiction</td>
<td>15</td>
</tr>
<tr>
<td>139.285</td>
<td>Fiction Writing</td>
<td>15</td>
</tr>
<tr>
<td>154.204</td>
<td>Digital Media Production I</td>
<td>15</td>
</tr>
<tr>
<td>154.224</td>
<td>Documentary (Non-Fiction) Film</td>
<td>15</td>
</tr>
</tbody>
</table>

At least 60 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>139.303</td>
<td>Modern Drama</td>
<td>15</td>
</tr>
<tr>
<td>139.320</td>
<td>Theatre in Production</td>
<td>15</td>
</tr>
<tr>
<td>139.323</td>
<td>Script Writing</td>
<td>15</td>
</tr>
<tr>
<td>139.326</td>
<td>Travel Writing</td>
<td>15</td>
</tr>
<tr>
<td>139.329</td>
<td>Advanced Fiction Writing</td>
<td>15</td>
</tr>
<tr>
<td>139.333</td>
<td>Creativity in the Community</td>
<td>15</td>
</tr>
<tr>
<td>139.340</td>
<td>The Publishing Project</td>
<td>15</td>
</tr>
<tr>
<td>139.374</td>
<td>Tragedy</td>
<td>15</td>
</tr>
<tr>
<td>139.381</td>
<td>Advanced Studies in Creative Writing</td>
<td>15</td>
</tr>
<tr>
<td>139.386</td>
<td>Life Writing</td>
<td>15</td>
</tr>
<tr>
<td>154.304</td>
<td>Digital Media Production II</td>
<td>15</td>
</tr>
</tbody>
</table>

**International Languages (60 credit Minor only, there is no major in International Languages)**

(a) **Chinese**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>241.201</td>
<td>Chinese 2A</td>
<td>15</td>
</tr>
<tr>
<td>241.202</td>
<td>Chinese 2B</td>
<td>15</td>
</tr>
<tr>
<td>241.207</td>
<td>Chinese Diaspora</td>
<td>15</td>
</tr>
<tr>
<td>241.208</td>
<td>Contemporary Chinese Society in Literature and Film</td>
<td>15</td>
</tr>
</tbody>
</table>

(b) **French**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>243.201</td>
<td>Intermediate French Language I</td>
<td>15</td>
</tr>
<tr>
<td>243.202</td>
<td>Intermediate French Language II</td>
<td>15</td>
</tr>
<tr>
<td>243.301</td>
<td>Advanced French Language</td>
<td>15</td>
</tr>
<tr>
<td>243.304</td>
<td>Contemporary French Popular Culture</td>
<td>15</td>
</tr>
</tbody>
</table>

(c) **German (no new enrolments from 2011)**

(d) **Japanese**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>242.201</td>
<td>Japanese 2A</td>
<td>15</td>
</tr>
<tr>
<td>242.202</td>
<td>Japanese 2B</td>
<td>15</td>
</tr>
<tr>
<td>242.203</td>
<td>Japanese Language and Society</td>
<td>15</td>
</tr>
<tr>
<td>242.205</td>
<td>Japanese Cinema</td>
<td>15</td>
</tr>
<tr>
<td>242.301</td>
<td>Japanese 3A</td>
<td>15</td>
</tr>
<tr>
<td>242.302</td>
<td>Japanese 3B</td>
<td>15</td>
</tr>
<tr>
<td>242.304</td>
<td>Reading and Writing about Current Japan</td>
<td>15</td>
</tr>
<tr>
<td>242.305</td>
<td>Readings in Modern Japanese Literature</td>
<td>15</td>
</tr>
<tr>
<td>242.306</td>
<td>Japanese Linguistics</td>
<td>15</td>
</tr>
<tr>
<td>242.307</td>
<td>Japanese–English Translation Techniques</td>
<td>15</td>
</tr>
</tbody>
</table>

(e) **Spanish**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>245.201</td>
<td>Intermediate Spanish Language I</td>
<td>15</td>
</tr>
<tr>
<td>245.202</td>
<td>Intermediate Spanish Language II</td>
<td>15</td>
</tr>
<tr>
<td>245.203</td>
<td>The Sound of Spanish: Diction, Dialects and Diversity</td>
<td>15</td>
</tr>
<tr>
<td>245.204</td>
<td>Latin American Voices</td>
<td>15</td>
</tr>
<tr>
<td>245.301</td>
<td>Advanced Spanish Language</td>
<td>15</td>
</tr>
<tr>
<td>245.302</td>
<td>Theory and Practice of Spanish Translation</td>
<td>15</td>
</tr>
<tr>
<td>245.303</td>
<td>Latin American Rhythms and Politics: From Tango to Rock</td>
<td>15</td>
</tr>
<tr>
<td>245.304</td>
<td>Traveller’s Tales: The Invention of Latin America</td>
<td>15</td>
</tr>
<tr>
<td>245.305</td>
<td>Spanish Conversation on Film</td>
<td>15</td>
</tr>
<tr>
<td>245.201</td>
<td>Intermediate Spanish Language I</td>
<td>15</td>
</tr>
<tr>
<td>245.202</td>
<td>Intermediate Spanish Language II</td>
<td>15</td>
</tr>
</tbody>
</table>

**Minor requirements**

A minor consists of 60 credits in Expressive Arts, including at least 15 credits at 300 level.
245.203  The Sound of Spanish: Diction, Dialects and Diversity 15  P 245.201
245.204  Latin American Voices 15  P 245.201; R 164.255
245.301  Advanced Spanish Language 15  P 245.202
245.302  Theory and Practice of Spanish Translation 15  P 245.301
245.303  Latin American Rhythms and Politics: From Tango to Rock 15  P 245.202 or 245.204
245.304  Traveller’s Tales: The Invention of Latin America 15  P 245.202 or 245.204
245.305  Spanish Conversation on Film 15  P 245.202

### Major requirements

There is no major in International Languages.

### Minor requirements

A minor in International Languages requires a minimum of 60 credits, including at least 15 credits at 300 level, from the courses listed for one of the following options: (a) Chinese; (b) French; (c) German; (d) Japanese; or (e) Spanish.

A minor in option (b) French must include 243.201 and 243.202.
A minor in option (c) German is no longer available.
A minor in option (e) Spanish must include 245.201 and 245.202.

Students who have previously studied the target language should consult the School of Language Studies for guidance prior to enrolment. Students who are exempt from the above 200-level courses will be required to replace them with appropriate courses in the same language.

### Journalism Studies Major (120 credits)

**Compulsory courses (60 credits):**

- 219.231  Introduction to Journalism 15
- 219.234  Editing and Publishing 15
- 219.335  Media Law and Ethics 15  R 219.331
- 219.340  Feature Writing and Freelancing 15  P 219.231; R 219.232

**No more than 30 credits from:**

- 219.204  News Media Processes 15  R 114.284
- 219.206  Communication and Technological Change 15  R 114.263, 14.263
- 154.224  Documentary (Non-Fiction) Film 15

**At least 30 credits from:**

- 219.311  Communication Internship 15  P 219.2xx and Permission Head of School
- 219.336  Investigative Reporting 15  R 219.332
- 219.339  History of Journalism 15

### Linguistics Major (120 credits)

**Compulsory course (15 credits):**

- 172.235  Linguistic Analysis of the English Language 15  R 172.231

**Compulsory courses**

- 45 credits from:
  - 172.232  Language and Society in New Zealand 15
  - 172.306  Forensic Linguistics 15
  - 172.337  Language, Discourse and Power 15
  - 172.339  Language and Culture 15  R 172.132

- 60 credits from:
  - 172.334  Field Methods 15  P 172.234 or 172.235

### Minor requirements

A minor consists of 60 credits in Linguistics, including at least 15 credits at 300 level.

### Marketing Communication Major (120 credits)

#### 60 credits from:

- 156.231  Strategic Marketing Management 15  P 115.104 or 115.116 or 156.200
- 156.237  Marketing Communication and Advertising 15  P 115.104 or 115.116 or 156.200; R 156.234 or 156.236
- 219.209  Public Relations Practice 15
- 156.334  Marketing Consultancy Project 15  P 156.231 and any 156.2xx course

**15 credits from:**

- 156.232  Consumer Behaviour 15  P 115.104 or 115.116 or 156.200 or 75 credits for non-Business students
- 156.235  Social Media and Digital Marketing 15  P 115.104 or 115.116 or 156.200 or 75 credits for non-Business students

#### 45 credits from:

- 156.339  Omni-Channel Retail Marketing 15  P 156.231 or 290.2xx
- 156.340  Customer Intelligence 15  P 156.233
- 156.341  Branding 15  P 156.231 and 156.232
- 219.304  Cross-Cultural Communication 15  R 114.354
- 219.305  Public Relations Management 15  P 219.208; or any 200-level course for GDipJS and GDipBusStuds; R 114.363
- 219.309  International Case Studies in Public Relations 15
- 219.311  Communication Internship 15  P 219.2xx and Permission Head of School

### Minor requirements

A minor consists of 60 credits in Marketing Communication, including at least 30 credits from 156.231, 156.237, 219.209; and at 15 credits from 156.334, 156.339, 156.341.

### Media Studies Major (120 credits)

#### No more than 60 credits from:

- 154.201  Television Studies 15
- 154.202  Advertising and Consumer Society 15
- 154.203  Popular Culture and the Media 15
- 154.204  Digital Media Production I 15
- 154.205  Popular Music Studies 15
- 154.206  International Film History 15
- 154.212  New Zealand Cinema 15
- 154.215  Cult Media and Fandom 15
- 154.222  The Art of the Film 15
- 154.224  Documentary (Non-Fiction) Film 15
- 154.228  Media History 15  R 139.228

**At least 60 credits from:**

- 139.323  Script Writing 15
- 139.333  Creativity in the Community 15  P Any one of 139.123, 139.104, 139.133, 154.204 or 139.233
- 139.376  Sexual/Textual Politics 15
- 154.301  Culture, Power and the Media 15  P Any 200-level Media Studies course
- 154.302  Gender and Race in the Media 15  P Any 200-level BA course
- 154.303  Hollywood Cinema 15  P Any 200-level Media Studies course
- 154.304  Digital Media Production II 15  P 154.204
- 154.308  Screen Fictions 15  P Any 200-level Media Studies course
Minor requirements
A minor consists of 60 credits in Media Studies, including at least 15 credits at 300 level.

Public Relations Major (120 credits)
30 credits from:

- 219.209 Public Relations Practice 15
- 219.305 Public Relations Management 15

No more than 45 credits from:

- 219.204 News Media Processes 15
- 219.205 Professional Presentations in Business 15
- 219.206 Communication and Technological Change 15
- 219.231 Introduction to Journalism 15

A minor consists of 60 credits in Public Relations, including both 219.209 and 219.305.

Composite Communication Management/Journalism Studies (only available through transnational agreements)

Major requirements
A major consists of 120 credits from Communication Management and Journalism Studies courses, with at least 45 credits in Communication Management and at least 45 credits in Journalism Studies, and including at least 60 credits at 300 level.

Minor requirements
A minor consists of 60 credits from Communication Management and Journalism Studies courses, with at least 30 credits in Communication Management and at least 30 credits in Journalism Studies, and including at least 15 credits at 300 level.

Composite Expressive Arts/Media Studies

Major requirements
A major consists of 120 credits from Expressive Arts and Media Studies, including at least 45 credits in Expressive Arts and 45 credits in Media Studies, with at least 60 credits at 300 level.

Minor requirements
A minor consists of 60 credits from Expressive Arts and Media Studies courses, with at least 30 credits in Expressive Arts and at least 30 credits in Media Studies, and including at least 15 credits at 300 level.

The Degree of Bachelor of Construction

BConst

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission
1. Admission to the Degree of Bachelor of Construction requires that the candidate will meet the University admission requirements as specified.

Qualification Requirements
2. Candidates for the Degree of Bachelor of Construction shall follow a parts-based programme of study, which shall consist of courses totalling at least 360 credits, comprising:
   (a) Parts I, II, and III as defined by the Schedule to the Degree; and including:
   (b) the compulsory courses listed in the Schedule for the Qualification;
   (c) at least one major;
   (d) attending field trips, studios, workshops, tutorials and laboratories as required.
3. Candidates who, in the opinion of the Academic Board, have passed with sufficient merit subjects for the New Zealand Diploma in Quantity Surveying or the New Zealand Diploma in Construction Management, or subjects for some other recognised tertiary qualification, may be cross-credited with specified or unspecified courses not exceeding a total of 165 credits from Parts I and II.

Specialisations
4. Candidates may complete a major by completing the specified Part III for that major. The requirements for each major are set out in the Schedule for the Qualification.

5. Majors available are Quantity Surveying and Construction Management.

Academic Requirements
6. Each candidate shall complete to the satisfaction of Academic Board a minimum of 600 hours of approved industry work experience relating to the chosen major and two associated reports in accordance with the requirements laid down by the Practical Work Office.

Student Progression
7. Progression from Part I to II and from Part II to III is on the basis of completion of the requirements of the prior part.

8. Notwithstanding Regulation 7, and at the discretion of Academic Board, Candidates may be permitted to enrol in courses from a later part while completing the unpassed courses from the prior part. Such permission will be granted where, in the opinion of Academic Board, both the academic record of the candidate shows proven merit, and the nominated courses from the later Part are from different areas of study to the unpassed courses in the prior part.

Completion Requirements
9. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.
10. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Diploma in Science and Technology should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
11. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions
12. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates who have completed at least 15 credits towards the Bachelor of Construction prior to 1 January 2017 may be permitted to substitute a core course or courses already completed for one or more of the following core courses: 115.112, 115.114, 218.151. These transition arrangements expire 31 December 2020.

Schedule for the Degree of Bachelor of Construction

Part I
Compulsory courses (120 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Corequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.112</td>
<td>Accounting for Business</td>
<td>15</td>
<td>P 115.102</td>
<td></td>
</tr>
<tr>
<td>115.114</td>
<td>Finance Fundamentals</td>
<td>15</td>
<td>R 115.105</td>
<td></td>
</tr>
<tr>
<td>160.131</td>
<td>Mathematics for Business I</td>
<td>15</td>
<td>R 160.103, 160.132, 160.231; a student who has passed 160.101, 160.111, 160.112 or 160.133 may not be also credited with a pass in 160.103 or 160.131 that is obtained in either the same or a subsequent examination period</td>
<td></td>
</tr>
<tr>
<td>218.100</td>
<td>Construction Materials</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>218.123</td>
<td>CAD and Building Information Modeling</td>
<td>15</td>
<td>P 218.172 or 138.281; R 218.122</td>
<td></td>
</tr>
<tr>
<td>218.150</td>
<td>Introduction to Built Environment and Measuring Systems</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>218.151</td>
<td>Construction Health and Safety and Sustainable Buildings</td>
<td>15</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Part II

Quantity Surveying
Compulsory courses (120 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Corequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>127.241</td>
<td>Property Market Principles</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>152.252</td>
<td>Project Management</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>153.200</td>
<td>Introduction to Dispute Resolution</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>218.211</td>
<td>Construction Economics and Estimating</td>
<td>15</td>
<td>P 218.150 and 218.172</td>
<td></td>
</tr>
<tr>
<td>218.213</td>
<td>Measuring Systems I</td>
<td>15</td>
<td>P (218.122 or 218.123) and 218.150</td>
<td></td>
</tr>
<tr>
<td>218.214</td>
<td>Measuring Systems II</td>
<td>15</td>
<td>P 218.213</td>
<td></td>
</tr>
<tr>
<td>218.271</td>
<td>Construction Technology: Commercial</td>
<td>15</td>
<td>P 218.172 or 138.281 or 138.254; R 217.271, 138.383, 218.273</td>
<td></td>
</tr>
<tr>
<td>218.274</td>
<td>Building Services</td>
<td>15</td>
<td>P 218.172 or 138.281 or 138.254; R 217.271, 138.274</td>
<td></td>
</tr>
</tbody>
</table>

Part III

Compulsory courses (105 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Corequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>218.311</td>
<td>Construction Contract and Financial Administration</td>
<td>15</td>
<td>P Any 218.2xx course</td>
<td></td>
</tr>
<tr>
<td>218.315</td>
<td>Construction Law</td>
<td>15</td>
<td>P Any 218.2xx course</td>
<td></td>
</tr>
<tr>
<td>218.340</td>
<td>Construction Research Project</td>
<td>30</td>
<td>C 2 x 218.3xx courses; R 218.422</td>
<td></td>
</tr>
<tr>
<td>218.374</td>
<td>Construction Technology: Multi-Storey</td>
<td>15</td>
<td>P 218.271; R 217.374</td>
<td></td>
</tr>
<tr>
<td>218.313</td>
<td>Construction Innovation and Building Information Modelling</td>
<td>15</td>
<td>P 218.271 and (218.122 or 218.123)</td>
<td></td>
</tr>
<tr>
<td>218.414</td>
<td>Construction Planning and Scheduling</td>
<td>15</td>
<td>P Any 218.2xx course</td>
<td></td>
</tr>
</tbody>
</table>

Specialisation courses (15 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Corequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>114.254</td>
<td>Employment Relations</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>125.230</td>
<td>Business Finance</td>
<td>15</td>
<td>P 115.114 or 115.105</td>
<td></td>
</tr>
<tr>
<td>127.341</td>
<td>Property Management and Development</td>
<td>15</td>
<td>P 127.241</td>
<td></td>
</tr>
<tr>
<td>152.386</td>
<td>Risk Management I</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>155.201</td>
<td>Law of Property</td>
<td>15</td>
<td>P 115.103 or 115.211 or 115.202; R 217.271, 138.383, 218.273</td>
<td></td>
</tr>
<tr>
<td>178.242</td>
<td>Land Economics</td>
<td>15</td>
<td>P Any 178.1xx course or 115.106 or 115.113</td>
<td></td>
</tr>
<tr>
<td>218.280</td>
<td>Construction Operations and Control</td>
<td>15</td>
<td>P 218.172 or 218.150</td>
<td></td>
</tr>
<tr>
<td>251.271</td>
<td>Occupational Health and Safety I</td>
<td>15</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Part III

Compulsory courses (105 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Corequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>218.311</td>
<td>Construction Contract and Financial Administration</td>
<td>15</td>
<td>P Any 218.2xx course</td>
<td></td>
</tr>
<tr>
<td>218.315</td>
<td>Construction Law</td>
<td>15</td>
<td>P Any 218.2xx course</td>
<td></td>
</tr>
<tr>
<td>218.340</td>
<td>Construction Research Project</td>
<td>30</td>
<td>C 2 x 218.3xx courses; R 218.422</td>
<td></td>
</tr>
</tbody>
</table>

Specialisation courses (15 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Corequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>114.254</td>
<td>Employment Relations</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>125.230</td>
<td>Business Finance</td>
<td>15</td>
<td>P 115.114 or 115.105</td>
<td></td>
</tr>
<tr>
<td>127.341</td>
<td>Property Management and Development</td>
<td>15</td>
<td>P 127.241</td>
<td></td>
</tr>
<tr>
<td>152.386</td>
<td>Risk Management I</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>178.242</td>
<td>Land Economics</td>
<td>15</td>
<td>P Any 178.1xx course or 115.106 or 115.113</td>
<td></td>
</tr>
<tr>
<td>287.341</td>
<td>Quality Systems Design</td>
<td>15</td>
<td>P 228.292; R 143.341</td>
<td></td>
</tr>
<tr>
<td>218.213</td>
<td>Measuring Systems I</td>
<td>15</td>
<td>P (218.122 or 218.123) and 218.150</td>
<td></td>
</tr>
</tbody>
</table>
The Degree of Bachelor of Creative Media Production
BCMP

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Bachelor of Creative Media Production requires that the candidate will meet the University admission requirements as specified.

Qualification Requirements

2. Candidates for the Degree of Bachelor of Creative Media Production shall follow a flexible programme of study, which shall consist of courses totalling 360 credits, comprising:
   (a) a minimum of 285 credits as specified in the Schedule to the Qualification; and
   (b) up to 75 credits from any other courses offered by the University; and including
   (c) a maximum of 150 credits at 100 level;
   (d) at least 90 credits at 200 level; 
   (e) at least 105 credits at 300 level; 
   (f) a maximum of 30 credits from Special Topic courses.

Specialisations

3. The Bachelor of Creative Media Production is awarded without specialisation.
4. Candidates may include a minor from any other undergraduate degree within the University for which recognised minors are specified, in accordance with the requirements for the minor as specified in the regulations of the qualification from which the minor has been drawn.

Completion Requirements

5. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.
6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes. Candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded an alternative qualification should they meet the relevant qualification requirements.

Unsatisfactory Academic Progress

7. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Arrangements

8. All candidates enrolled in the Bachelor of Creative Media Production before 1 January 2018 who have completed any or all of 152.230 Entrepreneurship, 289.202 Media Innovation and Creativity, and 289.207 Post-production Development may substitute the course or courses for up to three of 289.220 Working with Scripted Material, 289.221 Portfolio and Dissemination, and 15 credits from Compulsory Course Selection 200 level in the Schedule to the Degree.
9. All candidates enrolled in the Bachelor of Creative Media Production before 1 January 2018 who have completed 152.333 New Venture Project and 289.301 Portfolio and Dissemination may substitute these courses for 289.307 Critical Response and Reflection and 15 credits from Compulsory Course Selection 300 level in the Schedule to the Degree.
10. All candidates enrolled in the Bachelor of Creative Media Production before 1 January 2018 who have completed both 289.304 Major Project Production and 289.305 Major Project Post-Production may substitute these two courses for 289.306 Major Project Production.
11. The transitional arrangements in Regulations 8–10 expire on 31 December 2020.
12. Any candidates enrolled in the Bachelor of Creative Media Production during the period 1 January to 31 December 2018 who did not complete the prerequisite for any of the courses listed in Compulsory Course Selection 300 level in the Schedule to the Degree may substitute any 300-level elective for which they have the prerequisites.

13. The transitional arrangement in Regulation 12 expires on 31 December 2018.

Schedule for the Bachelor of Creative Media Production

Core Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>289.204</td>
<td>Cross-Media Production</td>
<td>15</td>
</tr>
<tr>
<td>289.205</td>
<td>Intermedia</td>
<td>15</td>
</tr>
<tr>
<td>289.206</td>
<td>Media Production Development</td>
<td>15</td>
</tr>
<tr>
<td>289.220</td>
<td>Working with Scripted Material</td>
<td>15</td>
</tr>
<tr>
<td>289.221</td>
<td>Portfolio and Dissemination</td>
<td>15</td>
</tr>
<tr>
<td>289.302</td>
<td>Major Project Innovation Lab</td>
<td>15</td>
</tr>
<tr>
<td>289.303</td>
<td>Major Project Pre-production</td>
<td>15</td>
</tr>
<tr>
<td>289.306</td>
<td>Major Project Production</td>
<td>45</td>
</tr>
<tr>
<td>289.307</td>
<td>Critical Response and Reflection</td>
<td>15</td>
</tr>
</tbody>
</table>

Compulsory Course Selection 100 level

60 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>289.101</td>
<td>Introduction to Web and Mobile Media</td>
<td>15</td>
</tr>
<tr>
<td>289.102</td>
<td>Visualisation for Media Production</td>
<td>15</td>
</tr>
<tr>
<td>289.103</td>
<td>Introduction to Computer Animation</td>
<td>15</td>
</tr>
<tr>
<td>289.104</td>
<td>Introduction to Visual Effects and Motion Graphics</td>
<td>15</td>
</tr>
<tr>
<td>289.105</td>
<td>Introduction to Digital Video Production</td>
<td>15</td>
</tr>
<tr>
<td>289.106</td>
<td>Introduction to Game Technologies and Mechanics</td>
<td>15</td>
</tr>
<tr>
<td>289.107</td>
<td>Introduction to Audio Production and Sound Design</td>
<td>15</td>
</tr>
<tr>
<td>289.108</td>
<td>Introduction to Animatronics and Modelling</td>
<td>15</td>
</tr>
<tr>
<td>289.110</td>
<td>Introduction to Time-based Editing</td>
<td>15</td>
</tr>
<tr>
<td>289.111</td>
<td>Introduction to 3D Modelling and Texturing</td>
<td>15</td>
</tr>
<tr>
<td>289.112</td>
<td>Introduction to Film and Video on Location</td>
<td>15</td>
</tr>
<tr>
<td>289.113</td>
<td>Intro to Prototyping for Interactive Projects</td>
<td>15</td>
</tr>
<tr>
<td>289.114</td>
<td>Intro to Programming for Interactive Projects</td>
<td>15</td>
</tr>
</tbody>
</table>

Compulsory Course Selection 200 level

15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>289.208</td>
<td>Computer Animation Production</td>
<td>15</td>
</tr>
<tr>
<td>289.209</td>
<td>Visual Effects Production</td>
<td>15</td>
</tr>
<tr>
<td>289.210</td>
<td>Game Technologies Project</td>
<td>15</td>
</tr>
<tr>
<td>289.211</td>
<td>Video and Sound Production</td>
<td>15</td>
</tr>
<tr>
<td>289.212</td>
<td>Web and Interactive Production</td>
<td>15</td>
</tr>
</tbody>
</table>

Back to Contents
**Compulsory Course Selection 300 level**

15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>289.308</td>
<td>Advanced Computer Animation Practice</td>
<td>15</td>
</tr>
<tr>
<td>289.309</td>
<td>Advanced VFX Practice</td>
<td>15</td>
</tr>
<tr>
<td>289.310</td>
<td>Advanced Game Practice</td>
<td>15</td>
</tr>
<tr>
<td>289.311</td>
<td>Advanced Video and Sound Practice</td>
<td>15</td>
</tr>
<tr>
<td>289.312</td>
<td>Advanced Web and Interactive Practice</td>
<td>15</td>
</tr>
</tbody>
</table>

**Elective Courses**

289.190 Creative Media Production Special Topic 1a 15

Up to 75 credits from any other courses in the University.

---

**The Degree of Bachelor of Design with Honours BDes(Hons)**

**Qualification Regulations**

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

**Part II**

**Admission**

1. Admission to the Degree of Bachelor of Design (Honours) requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) be selected into the Qualification based partially on the assessment of a portfolio of work submitted by the applicant.

2. An applicant who holds the degree of Bachelor of Design shall not be admitted to the Bachelor of Design with Honours.

**Qualification Requirements**

3. Candidates for the Degree of Bachelor of Design (Honours) shall follow a parts-based programme of study, which shall consist of courses totalling at least 480 credits, comprising:
   (a) Part I, Part II, Part III, and Part IV as specified in Schedules A and B;
   (b) elective courses from Schedule C or other courses from Massey University;
   And including
   (c) not more than 180 credits at 100 level;
   (d) at least 90 credits at 200 level;
   (e) at least 90 credits at 300 level;
   (f) at least 120 credits at 400 level or above;
   (g) completion of at least one major.

4. Notwithstanding Regulation 3 holders of a Massey University Diploma in Fashion Design and Technology may, on surrender of the diploma, be permitted to transfer up to 120 credits at 100 level, and include up to 195 credits at 100 level in a Bachelor of Design with Honours, fashion design major.

5. Notwithstanding Regulation 3 holders of a Massey University Diploma in Photography may, on surrender of the diploma, be permitted to transfer up to 120 credits at 100 level and up to 120 credits at 200 level to the Bachelor of Design with Honours, Photography major.

6. Candidates, who in the opinion of the Academic Board have passed with sufficient merit subjects for NZQF recognised qualifications at Level 5 or above in creative arts subjects or equivalent, may be granted specified or unspecified credit for part or all of the First and Second Parts. The credit granted will be determined by Academic Board after taking into account the areas of study, the quantum of study and the standard of pass attained, normally 120 credits but in exceptional circumstances, up to a maximum of 240 credits.


8. Candidates may include a minor from any undergraduate degree within the University for which recognised minors are specified, in accordance with the following requirements:
   (a) the overall balance of credits as specified in regulation 3 are maintained;
   (b) the minor must be in a different subject area from the major(s);
   (c) where the minor is from another undergraduate degree the regulations of that programme for the minor will apply;
   (d) no course may be credited to both a major and a minor.

**Student Progression**

9. In order to progress to Part II the candidate shall have passed a total of 75 credits at 100 level with at least 60 credits from the Part I courses including one of 237.130 or 237.131 and the Schedule B course relevant to the major to be taken.

10. For progression to Part IV of the Bachelor of Design with Honours, the candidate must have achieved a weighted grade average of at least a B- across the Part III course 237.330 and the Design Studio IIIIB course relevant to the major being taken.

11. The Academic Board may grant exemptions to the requirements in Regulations 9 and 10 based on the subjects studied and prior performance of the student.

12. The Degree of Bachelor of Design with Honours may be awarded with First Class Honours or with Second Class Honours Division I or Second Class Honours Division II or with Third Class Honours. The class of Honours awarded shall be determined by the examiners on the performance of the candidate in Part IV of the programme.

**Completion Requirements**

13. The Bachelor of Design with Honours normally must be completed within the following timeframes:
   (a) five consecutive academic years for full-time students;
   (b) eight consecutive academic years for part-time students.

14. Candidates may be graduated when they meet the Qualification requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Bachelor of Design or an alternative creative arts qualification should they meet the relevant qualification requirements.

**Unsatisfactory Academic Progress**

15. The Unsatisfactory Academic Progress regulations will apply.
Schedules for the Qualification
Schedule A – Core Courses
Part II: 237.230 plus 237.231 or 197.288.
Part III: 237.330 plus 237.331 or 197.388.
Part IV: 197.465 or 213.465 or 237.465.
P 75 credits at 100 level

197.288 Creative Industries 15
197.388 Creative Enterprise 15
P 75 credits at 100 level; R 198.481, 212.425, 213.382, 222.382, 223.425, 224.382
197.465 Creative Futures 15
P 198.358 or 213.358 or 213.342 or 221.358 or 222.358 or 223.358 or 224.358
198.157 Studio I (Object) 15 R 197.132
212.157 Studio I (Dress) 15 R 197.135
213.157 Studio I (Art Lab) 15 R 197.132
213.158 Studio I (Art Place) 15 R 197.131
213.485 Exhibition 15 C (198.454 or 198.456 or 212.454 or 212.455 or 213.442 or 214.454 or 221.454 or 222.454 or 223.445 or 224.454 or 224.455) or Permission Head of School
221.157 Studio I (Lens) 15 R 221.101
222.157 Studio I (Screen) 15 R 197.131
222.158 Studio I (Type) 15 R 197.131, 222.100
223.157 Studio I (Material) 15 R 197.133
224.157 Studio I (Space) 15 R 197.131
237.130 Communication for Makers 15 R 237.101, 237.114
237.131 Conversations in Creative Cultures 15 R 237.102
237.230 Creative Cultures and Contexts I 15 P 75 credits at 100 level; R 198.281, 212.202, 213.252, 221.281, 222.281, 223.202, 224.281
237.231 Creative Cultures and Contexts II 15 P 75 credits at 100 level
237.330 Creative Cultures and Ideas 15 P 237.230 or 237.231
237.331 Creative Cultures and Display 15 P 75 credits at 200 level
237.485 Creative Exposition 15 P (237.330 and (198.358 or 213.358 or 213.342 or 221.358 or 222.358 or 223.358 or 224.358) or Permission Head of School)

Schedule B – Major Courses
Fashion Design
Part II: 212.257, 212.258.
Part III: 212.357, 212.358.
Part IV: 212.453, 212.454.

Fashion Design and Business
No new enrolments from 2018.
Part II: 212.257, 212.258.
Part III: 212.357, 212.358.
Part IV: 212.453, 212.454.

Industrial Design
Part II: 198.257, 198.258.
Part IV: 198.453, 198.454.

Photography
Part I: 221.157.
Part II: 221.257, 221.258.
Part III: 221.357, 221.358.
Part IV: 221.453, 221.454.

Spatial Design
Part II: 224.257, 224.258.
Part IV: 224.453, 224.454.

Textile Design
Part II: 223.257, 223.258.
Part III: 223.357, 223.358.
Part IV: 223.453, 223.454.

Visual Communication Design
Part I: 222.157 or 222.158
Part II: 222.257, 222.258.
Part III: 222.357, 222.358.
Part IV: 222.453, 222.454.

Part IV: 197.465 or 213.465 or 237.465.

P 198.358 or 212.358 or 213.342 or 221.358 or 222.358 or 223.358 or 224.358 or 224.455
P (237.130 or 237.131) plus four of the following: 198.157, 212.157, 213.157, 213.158, 221.157, 222.157, 222.158, 223.157, 224.157, R 198.251
P 198.257, R 198.252, 198.272
P 198.258, R 198.354
P 198.357, R 198.355
P B- average over 198.358 and 237.330 or B- average over 198.355 and 198.380 or PGDipDes admission
P (237.130 or 237.131) plus two of 198.157, 212.157, 213.157, 213.158, 221.157, 222.157, 222.158, 223.157, 224.157, R 212.201
P 212.257, R 212.201, 212.302, 212.305
P 212.357, R 212.317
P 212.358, R 212.310
P B- average over 212.358 and 237.330 or B- average over 212.381 and 212.310 or PGDipDes admission
P (237.130 or 237.131) plus two of 198.157, 212.157, 213.157, 213.158, 221.157, 222.157, 222.158, 223.157, 224.157, R 221.271
P 221.257, R 221.270, 221.272
P 221.258, R 221.257, 221.370
P 221.357
P 221.453
P 221.454
P 222.257, R 222.202, 222.203, 222.210, 222.220, 222.230, 222.231, 222.270
P 222.258, R 222.210, 222.230, 222.231, 222.270
P 222.357, R 222.301, 222.303, 222.310, 222.320, 222.330, 222.340, 222.370, 222.385
### Schedule C – Elective Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Co-requisites</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>197.119</td>
<td>Coding for Creative Practice</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>197.122</td>
<td>Digital Fabrication</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>197.123</td>
<td>Visual Identity Systems</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>197.191</td>
<td>Art and Design: Special Topic I</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>197.211</td>
<td>Rapid Ideation</td>
<td>15</td>
<td>P 75 credits at 100 level</td>
<td></td>
<td></td>
</tr>
<tr>
<td>197.228</td>
<td>Contemporary Design Project A</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>197.238</td>
<td>Interaction and Interface I</td>
<td>15</td>
<td>P 75 credits at 100 level including 198.157 or 212.157 or 213.157 or 213.158 or 221.157 or 222.157 or 223.157 or 224.157; R 198.291</td>
<td></td>
<td></td>
</tr>
<tr>
<td>197.270</td>
<td>Creative Ecologies I</td>
<td>15</td>
<td>P 75 credits at 100 level including 198.157 or 212.157 or 213.157 or 213.158 or 221.157 or 222.157 or 223.157 or 224.157; R 198.291</td>
<td></td>
<td></td>
</tr>
<tr>
<td>197.285</td>
<td>Projections: Trends and Forecasting</td>
<td>15</td>
<td>P 75 credits at 100 level; R 212.228</td>
<td></td>
<td></td>
</tr>
<tr>
<td>197.288</td>
<td>Creative Industries</td>
<td>15</td>
<td>P 75 credits at 100 level</td>
<td></td>
<td></td>
</tr>
<tr>
<td>197.291</td>
<td>Art and Design: Special Topic II</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>197.331</td>
<td>Contemporary Design Project B</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>197.332</td>
<td>Contemporary Design Project C</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>197.338</td>
<td>Interaction and Interface II</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>197.370</td>
<td>Creative Ecologies II</td>
<td>15</td>
<td>P 198.258 or 212.258 or 213.258 or 213.242 or 221.258 or 222.258 or 223.258 or 224.258; R 197.377</td>
<td></td>
<td></td>
</tr>
<tr>
<td>197.379</td>
<td>Service and Experience Design</td>
<td>15</td>
<td>P 198.258 or 212.258 or 213.242 or 221.258 or 222.258 or 223.258 or 224.258</td>
<td></td>
<td></td>
</tr>
<tr>
<td>197.383</td>
<td>Internship</td>
<td>15</td>
<td>P 198.258 or 212.258 or 213.258 or 221.258 or 222.258 or 223.258 or 224.258; R 212.326, 223.326</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Level</td>
<td>Credits</td>
<td>Notes</td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------------</td>
<td>-------</td>
<td>---------</td>
<td>-------</td>
<td></td>
</tr>
<tr>
<td>222.314</td>
<td>Strategies for Communication</td>
<td>15</td>
<td>75</td>
<td>credits at 200 level</td>
<td></td>
</tr>
<tr>
<td>222.316</td>
<td>Identity Systems</td>
<td>15</td>
<td>222.258</td>
<td></td>
<td></td>
</tr>
<tr>
<td>222.326</td>
<td>Sequential Art</td>
<td>15</td>
<td>P 198.258 or 212.258 or 213.242 or 221.258 or 222.220 or 222.230 or 223.258 or 224.258</td>
<td></td>
<td></td>
</tr>
<tr>
<td>222.333</td>
<td>Concept Design for Imaginary Worlds</td>
<td>15</td>
<td>222.232 or 222.225 or Permission Course Coordinator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>222.347</td>
<td>Editorial Design</td>
<td>15</td>
<td>P 222.158 and (198.258 or 212.258 or 213.242 or 221.258 or 222.258 or 223.258 or 224.258)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>222.348</td>
<td>Narrative Information Design</td>
<td>15</td>
<td>P 222.158 and (198.258 or 212.258 or 213.242 or 221.258 or 222.258 or 223.258 or 224.258)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>222.349</td>
<td>Wayshowing</td>
<td>15</td>
<td>P 198.258 or 212.258 or 213.242 or 221.258 or 222.258 or 223.258 or 224.258</td>
<td></td>
<td></td>
</tr>
<tr>
<td>222.390</td>
<td>Visual Communication Design Special Topic A</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>222.391</td>
<td>Visual Communication Design Special Topic B</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>222.392</td>
<td>Visual Communication Design Special Topic C</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>222.409</td>
<td>Contemporary Letterpress</td>
<td>15</td>
<td>P 198.358 or 212.358 or 213.342 or 221.358 or 222.358 or 223.358 or 224.358 or 222.304</td>
<td></td>
<td></td>
</tr>
<tr>
<td>222.413</td>
<td>Rhetoric and Persuasion</td>
<td>15</td>
<td>P 75 credits at 300 level</td>
<td></td>
<td></td>
</tr>
<tr>
<td>222.416</td>
<td>Dynamic Identities</td>
<td>15</td>
<td>P 198.358 or 212.358 or 213.342 or 221.358 or 222.358 or 223.358 or 224.358</td>
<td></td>
<td></td>
</tr>
<tr>
<td>222.417</td>
<td>Image and Identity</td>
<td>15</td>
<td>P 198.358 or 212.358 or 213.342 or 221.358 or 222.358 or 223.358 or 224.358</td>
<td></td>
<td></td>
</tr>
<tr>
<td>222.449</td>
<td>Spatial Type</td>
<td>15</td>
<td>P 198.358 or 212.358 or 213.342 or 221.358 or 222.358 or 223.358 or 224.358</td>
<td></td>
<td></td>
</tr>
<tr>
<td>222.490</td>
<td>Visual Communication Design Special Topic D</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>222.491</td>
<td>Visual Communication Design Special Topic E</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>222.494</td>
<td>Graphic Design Special Topic</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>222.496</td>
<td>Visual Communication Design Special Topic F</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>222.497</td>
<td>Visual Communication Design Special Topic G</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>222.499</td>
<td>Independent Visual Communication Design Study</td>
<td>15</td>
<td>P Permission Head of School</td>
<td></td>
<td></td>
</tr>
<tr>
<td>223.207</td>
<td>Materials Lab</td>
<td>15</td>
<td>P 75 credits at 100 level, R 223.206, 212.206</td>
<td></td>
<td></td>
</tr>
<tr>
<td>223.211</td>
<td>Fashion Textiles</td>
<td>15</td>
<td>P 75 credits at 100 level including 198.157 or 212.157 or 213.157 or 221.157 or 222.157 or 223.157 or 224.157</td>
<td></td>
<td></td>
</tr>
<tr>
<td>223.301</td>
<td>Contemporary Wallcoverings</td>
<td>15</td>
<td>P 223.157 plus (198.258 or 212.258 or 213.242 or 221.258 or 222.258 or 223.201 or 223.258 or 224.258)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>223.312</td>
<td>Textile Interactions</td>
<td>15</td>
<td>P (223.157 plus one of 198.258, 212.258, 213.242, 221.258, 222.258, 223.258, 224.258 or 223.203)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>223.328</td>
<td>Textile Design Special Topic B</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>223.411</td>
<td>Embroidered Textiles</td>
<td>15</td>
<td>P 223.211 or Permission Course Coordinator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>223.412</td>
<td>Sustainable Colouration</td>
<td>15</td>
<td>P 223.258 or 223.207 or Permission Course Coordinator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>223.407</td>
<td>Materials Research and Experimentation</td>
<td>15</td>
<td>P 198.358 or 212.358 or 213.342 or 221.358 or 222.358 or 223.358 or 224.358</td>
<td></td>
<td></td>
</tr>
<tr>
<td>223.490</td>
<td>Textile Design Special Topic C</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>223.491</td>
<td>Textile Design Special Topic D</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>223.495</td>
<td>Textile Design Independent Study</td>
<td>15</td>
<td>P Permission Head of School</td>
<td></td>
<td></td>
</tr>
<tr>
<td>224.204</td>
<td>Design for Performance</td>
<td>15</td>
<td>P 75 credits at 100 level, R 226.xxx courses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>224.205</td>
<td>Design for Display</td>
<td>15</td>
<td>P 75 credits at 100 level, R 197.205</td>
<td></td>
<td></td>
</tr>
<tr>
<td>224.302</td>
<td>Spatial Design Special Topic A</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>224.303</td>
<td>Spatial Design Special Topic B</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
224.306  Game Space  15  P 198.258 or 212.258 or 213.242 or 221.258 or 222.258 or 223.258 or 224.258

224.307  Furnishings  15  P 198.258 or 212.258 or 213.242 or 221.258 or 222.258 or 223.258 or 224.258

224.490  Spatial Design Special Topic C  15  P Permission Course Coordinator

224.495  Spatial Design Independent Study  15  P Permission Head of School

237.117  Māori Art and Design Studio I – Toi Atea  15  R 197.117

237.130  Communication for Makers  15  R 237.101, 237.114

237.131  Conversations in Creative Cultures  15  R 237.102

237.211  Māori Visual and Material Culture – Toi Atea  15  P 197.109 or 237.102, R 197.110

237.217  Māori Art and Design Studio II A – Toi Atea  15  P 197.117 or 237.117, R 197.217

237.218  Māori Art and Design Studio II B – Toi Atea  15  P 197.117 or 237.117, R 197.218

The Degree of Bachelor of Design

BDes

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Degree of Bachelor of Design requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) be selected into the Qualification based partially on the assessment of a portfolio of work submitted by the applicant.

2. An applicant with an incomplete Massey University Bachelor of Design with Honours may, at the discretion of Academic Board, transfer into the Bachelor of Design.

3. Notwithstanding Regulation 2, holders of a Massey University Diploma in Photography who are admitted to the Degree of Bachelor of Fine Arts, may, on surrender of the diploma, be permitted to transfer up to 120 credits at 100 level and up to 75 credits at 200 level to the Bachelor of Fine Arts.

Qualification Requirements

4. Candidates for the Degree of Bachelor of Design shall follow a parts-based programme of study, which shall consist of courses totalling at least 480 credits, comprising:
   (a) Part I, Part II, Part III, and Part IV as specified in Schedules A and B;
   (b) Elective courses from Schedule C or other courses from Massey University;
   And including
   (c) not more than 180 credits at 100 level;
   (d) at least 180 credits must be at 300 level or above, including at least 60 credits at 400 level or above;
   (e) completion of at least one major.

5. Notwithstanding Regulation 3 holders of a Massey University Diploma in Fashion Design and Technology may, on surrender of the diploma, be permitted to transfer up to 120 credits at 100 level and include up to 195 credits at 100 level in a Bachelor of Design, fashion design major.

6. Notwithstanding Regulation 3 holders of a Massey University Diploma in Photography may, on surrender of the diploma, be permitted to transfer up to 120 credits at 100 level and up to 120 credits at 200 level to the Bachelor of Design, Photography major.

7. The Academic Board may grant exemptions to the requirements of Regulation 6 based on the subjects studied and prior performance of the student.

Specialisations


9. Candidates may include a minor from any undergraduate degree within the University for which recognised minors are specified, in accordance with the following requirements:
   (a) The overall balance of credits as specified in regulation 3 are maintained.
   (b) The minor must be in a different subject area from the major(s).
   (c) Where the minor is from another undergraduate degree the regulations of that programme for the minor will apply.
   (d) No course may be credited to both a major and a minor.

Student Progression

10. In order to progress to Part II the candidate shall have passed a total of 75 credits at 100 level with at least 60 credits from the Part I courses including one of 237.130 or 237.131 and the Schedule B course relevant to the major to be taken.

11. The Academic Board may grant exemptions to the requirements in Regulation 8 based on the subjects studied and prior performance of the student.

Completion Requirements

12. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply; or

13. Candidates may be graduated when they meet the Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded an alternative creative arts qualification should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

14. The general Unsatisfactory Academic Progress regulations will apply.

Schedules for the Qualification

Schedule A – Core Courses


Part II: 237.230 plus 237.231 or 197.288.

Part III: 237.330 plus 237.331 or 197.388.

Part IV: 197.465 or 212.358 or 213.342 or 221.358 or 222.358 or 223.358 or 224.358 or Permission Head of School.
Part II: 212.257, 212.258.
Part III: 212.357, 212.358.
Part IV: 212.455.

Fashion Design
No new enrolments from 2018.
Part II: 212.257, 212.258.
Part III: 212.357, 212.358.
Part IV: 212.455.

Fashion Design and Business
Part II: 212.257, 212.258.
Part III: 212.357, 212.358.
Part IV: 212.455 and one of 197.465, 213.465 or 237.465. Plus 90 credits above 100 level including at least 45 credits at 300 level from one major in the Bachelor of Business.
Note: Where a Business major requires a 100-level pre-requisite, the credits for the pre-requisite do not count towards the business major, but do count towards the Bachelor of Design with Honours requirements provided the overall credit requirements in regulation 3 are maintained; and no more than 105 credits from the BBs Schedule are included in the degree.

Industrial Design
Part II: 198.257, 198.258.
Part IV: 198.455.

Photography
Part I: 221.157.
Part II: 221.257, 221.258.
Part III: 221.357, 221.358.
Part IV: 221.455.
The Degree of Bachelor of Education

**BEd**

**Completion Requirements**

11. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

**Transition Provisions**

12. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations, candidates who have completed at least 15 credits towards the Bachelor of Education Degree prior to 1 January 2018 may be permitted to substitute a course or courses already completed from an Education endorsement for a course at the same level, including core courses. These transition arrangements expire on 31 December 2022.

**Schedule A – Core courses for the Bachelor of Education**

- **254.101** An Introduction to Social and Cultural Studies in Education 15  P 181.101, 187.101
- **275.102** Human Development 15  P 208.102, 209.102
- **254.231** Curriculum Theory, Policy and Practice 15  P  Any 100-level Education course;  R 187.231
- **256.201** Educational Psychology 15  P 188.201, 186.230
- **254.304** Critical Theories of Education 15  P 187.304, 270.363
- **263.301** Learning and Motivation 15  P  Any 200-level Education course
- **263.331** Assessment and Learning 15  P 188.331
- **267.390** Educational Research Literacy 15

**Schedule B – Specific courses for the majors**

### Early Years Education

90 credits from:

- **265.120** Principles of the Early Years Curriculum 15
- **265.289** Learning and Development in the Early Years 15  P 254.101, 265.120 or 275.102
- **265.293** Studies in Infants and Toddlers 15  P One of 254.101, 265.120 or 275.102
- **265.322** Perspectives in Early Years Education 15
- **265.344** Issues in Early Childhood Education 15
- **265.374** Leadership in Early Childhood 15  P  Any 200-level Education course

### Inclusive Education

90 credits from:

- **264.101** How People Learn 15
- **249.284** Introduction to Equity and Inclusion in Education 15
- **249.285** Understanding Learners with Diverse Needs 15
- **249.382** Teaching Strategies for Diverse Learners 15
- **249.334** Creating Inclusive Classrooms 15
- **249.384** Consultation and Collaboration in Inclusive Education 15
The Degree of Bachelor of Engineering with Honours

**BE(Hons)**

**Qualification Regulations**

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

**Part II**

**Admission**

1. Admission to the Degree of Bachelor of Engineering with Honours requires that the candidate will:
   (a) meet the University admission requirements as specified; and have achieved
   (b) NCEA Level 3 with at least 16 credits in Physics, and at least 16 externally-assessed credits in Mathematics, normally including algebra, differentiation and integration, and in addition for the major of Chemical and Bioprocess Engineering and the major of Engineering and Innovation Management, with a minor in Chemical and Bioprocess, at least 14 credits in Chemistry, or achieved at an equivalent level in an assessment alternative to NCEA; or
   (c) minimum C passes in both of 124.100 Introductory Physics and either 160.103 Introductory University Mathematics or 160.132 Concepts in Mathematics, and in addition for the major of Chemical and Bioprocess Engineering and the major of Engineering and Innovation Management, with a minor in Chemical and Bioprocess Engineering, in 123.103 Introductory Chemistry, or equivalent(s).

2. Candidates for the Degree of Bachelor of Engineering with Honours shall follow a parts-based programme of study, which shall consist of courses totalling at least 480 credits, comprising:
   (a) a First Part, Second Part, Third Part, and Fourth Part;
   (b) at least 4 years of study;
   And including:
   (c) 900 hours of practical work experience;
   (d) completion of one major;
   (e) completion of a minor.

<table>
<thead>
<tr>
<th>Schedule C – Elective courses for the Bachelor of Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>172.232 Language and Society in New Zealand 15</td>
</tr>
<tr>
<td>172.233 Language Learning Processes 15</td>
</tr>
<tr>
<td>172.239 Language and Culture 15 R 172.132</td>
</tr>
<tr>
<td>249.284 Introduction to Equity and Inclusion in Education 15</td>
</tr>
<tr>
<td>249.285 Understanding Learners with Diverse Needs 15</td>
</tr>
<tr>
<td>249.287 Early Intervention 15</td>
</tr>
<tr>
<td>249.382 Teaching Strategies for Diverse Learners 15</td>
</tr>
<tr>
<td>249.384 Consultation and Collaboration in Inclusive Education 15</td>
</tr>
<tr>
<td>249.334 Creating Inclusive Classrooms 15</td>
</tr>
<tr>
<td>253.250 Counseling Principles and Practice 15 P Any 100-level Education, Social Sciences, or Business Studies course; R 209.250</td>
</tr>
<tr>
<td>253.255 Cultural Issues in Counselling 15</td>
</tr>
<tr>
<td>253.353 Guidance Principles and Practice 15</td>
</tr>
<tr>
<td>253.355 Professional Issues in Counselling 15</td>
</tr>
<tr>
<td>254.102 Introduction to Professional and Ethical Practice in Different Learning Contexts 15</td>
</tr>
<tr>
<td>254.103 Learning in the Digital Age 15 R 186.103</td>
</tr>
<tr>
<td>254.162 Introduction to Literacy and Numeracy 15</td>
</tr>
<tr>
<td>254.203 Sociologically Imagining Education 15 R 187.203</td>
</tr>
<tr>
<td>254.330 Philosophy for Children 15 R 187.330, 134.330</td>
</tr>
<tr>
<td>254.336 Learning in the Digital World R 186.336</td>
</tr>
<tr>
<td>254.337 Teaching and Learning with Pasifika Peoples in New Zealand 15</td>
</tr>
<tr>
<td>257.370 Teaching Learners of English as Another Language 15</td>
</tr>
<tr>
<td>257.375 Learning English as Another Language 15 P Any 200-level Education or Language Studies course; R 207.375</td>
</tr>
<tr>
<td>257.377 Teaching and Learning Languages up to Year 10 15 R 207.377</td>
</tr>
<tr>
<td>258.301 Language, Literacy and Cognitive Development 15 P Any 200-level Education course</td>
</tr>
<tr>
<td>262.339 The Education of Gifted and Talented Students 15 P Any 200-level Education course</td>
</tr>
<tr>
<td>264.101 How People Learn 15</td>
</tr>
<tr>
<td>265.120 Principles of the Early Years Curriculum 15</td>
</tr>
<tr>
<td>265.299 Learning and Development in the Early Years P 254.101, 254.129 or 275.102</td>
</tr>
<tr>
<td>265.293 Studies in Infants and Toddlers 15 P One of 254.101, 254.129 or 275.102</td>
</tr>
<tr>
<td>265.322 Perspectives in Early Years Education 15</td>
</tr>
<tr>
<td>265.344 Issues in Early Childhood Education 15</td>
</tr>
<tr>
<td>269.322 Multicultural Education 15</td>
</tr>
<tr>
<td>269.274 The Treaty of Waitangi: Implications for Education 15 R 150.201</td>
</tr>
<tr>
<td>269.332 Māori Issues in Education 15</td>
</tr>
<tr>
<td>269.372 Understanding Migrant Cultures in Aotearoa/New Zealand 15</td>
</tr>
<tr>
<td>275.202 Development Through Relationships 15 P 275.102, R 209.202</td>
</tr>
<tr>
<td>275.203 Development in Childhood 15 P 275.102</td>
</tr>
<tr>
<td>275.204 Adult Development 15 P 275.102</td>
</tr>
<tr>
<td>275.208 Development in Adolescence 15 P 275.102, R 208.308, 208.208, 209.308</td>
</tr>
<tr>
<td>275.304 Development of Gender 15</td>
</tr>
<tr>
<td>275.307 Infants in Families 15 P 275.202</td>
</tr>
<tr>
<td>276.396 Mathematics in the Middle Years R 211.396</td>
</tr>
</tbody>
</table>
1. Candidates who have passed all courses and completed all other requirements for a Bachelor of Engineering with Honours but whose performance in the courses is deemed by the Academic Board, upon recommendation of the examiners, not to be of Honours standard will be awarded the Bachelor of Science should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

18. The general Unsatisfactory Academic Progress Regulations will apply.

Transitional Provisions

19. All candidates commencing study towards the Bachelor of Engineering with Honours on or after 1 January 2015 must satisfy the requirements specified in these regulations.

20. Candidates who commenced study towards the Product Development major prior to 2015 will be permitted to complete under the regulations specified in these regulations.

The requirements for each major are set out in the Schedule for the Degree of Bachelor of Engineering with Honours.

Schedule for the Degree of Bachelor of Engineering with Honours

Chemical and Bioprocess Engineering (Chem and Bioprocess)

Auckland and Manawatū Campuses

First Part

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>123.171</td>
<td>Chemistry for Biological Systems 1</td>
<td>15 C 124.171, 228.171, (141.111 or 228.111), R 123.101</td>
</tr>
<tr>
<td>124.171</td>
<td>Physical Principles for Engineering and Technology 1</td>
<td>15 C 123.171 or 159.171, 228.171, 141.111 or 228.111, R 124.101</td>
</tr>
<tr>
<td>228.111</td>
<td>Engineering Practice 1: Global Perspectives</td>
<td>15 C 123.171 or 159.171, 124.171, 228.171; R 140.125, 140.150, 141.111, 228.125 and 228.150</td>
</tr>
<tr>
<td>228.171</td>
<td>Engineering Mathematics 1A</td>
<td>15 C 123.171 or 159.171, 228.171, (228.111 or 141.111), R 160.101, 160.102, 160.161, 160.111</td>
</tr>
<tr>
<td>123.172</td>
<td>Chemistry for Biological Systems 2</td>
<td>15 P 123.171 or 123.101, C 124.172, 228.172, and (141.112 or 228.112), R 123.102</td>
</tr>
<tr>
<td>124.172</td>
<td>Physical Principles for Engineering and Technology 2</td>
<td>15 P 124.171, (123.171 or 159.171), 228.171, (141.111 or 228.111), C 1123.172 or 159.172, 228.172, (141.112 or 228.112), R 124.102</td>
</tr>
<tr>
<td>228.112</td>
<td>Engineering Practice 2: Creative Solutions</td>
<td>15 P One of 140.125, 140.150, 141.111, 228.111, 228.125, or 228.150, C 123.172 or 159.172, 228.172, 124.172, R 140.125, 141.112, 143.150, 228.120, 228.152</td>
</tr>
<tr>
<td>228.172</td>
<td>Engineering Mathematics 1B</td>
<td>15 P 228.171, (123.171 or 159.171), 124.171, (228.111 or 141.111), C 124.172, (123.172 or 159.172), (228.112 or 141.112), R 160.112, 160.133, 160.101, 160.102</td>
</tr>
</tbody>
</table>

Second Part

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>123.271</td>
<td>Molecules to Materials</td>
<td>15 P (123.171 or 123.101) and (123.172 or 123.102)</td>
</tr>
</tbody>
</table>

(e) attending field trips, studios, workshops, tutorials and laboratories as required.

3. In addition to the requirements specified in Regulation 2, candidates for the Bachelor of Engineering (Engineering and Innovation Management) must complete a minor as specified in the Schedule to the Qualification.

4. Candidates, who in the opinion of the Academic Board, have passed with sufficient merit subjects for the New Zealand Certificate in Science, The National Diploma in Engineering, or an equivalent qualification, may be granted credit, including part or all of the First and Second Parts. The credit granted will be determined by Academic Board after taking into account the areas of study of the certificate and the standard of pass attained.

5. Notwithstanding Regulation 2, candidates, who in the opinion of the Academic Board, have achieved the admission requirements for the Degree of Bachelor of Engineering with Honours to an excellent standard, may be admitted to the programme after the commencement of Part One, but no later than the start of Part Two, and may be granted an exemption, including part or all of the First Part. The exemption granted will be determined by Academic Board after taking into account the level of achievement in the subjects passed prior to, and subsequent to, admission. Alternative courses of an equivalent credit value must be substituted for the exempted courses.

6. The maximum credit or exemption granted under Regulations 4 and 5 or any other credit recognition process shall be 240 credits.

Specialisations

7. Candidates shall complete one of the following majors:
   - Chemical and Bioprocess Engineering
   - Electronics and Computer Engineering
   - Engineering and Innovation Management
   - Mechatronics.

The following major continues to be offered for students in accordance with transition regulations 19 to 20:
   - Product Development

The requirements for each major are set out in the Schedule for the Degree of Bachelor of Engineering with Honours.

Academic Requirements

8. Candidates for the Engineering and Innovation Management major shall complete one of the following minors:
   - Chemical and Bioprocess Engineering
   - Electronics and Computer Engineering
   - Mechatronics.

9. Every candidate for the Degree of Bachelor of Engineering with Honours shall complete to the satisfaction of Academic Board a minimum of 900 hours of approved practical work and associated reports in accordance with the following courses:
   (a) 228.110 Practicum I;
   (b) 228.210 Practicum II;
   (c) 228.310 Practicum III.

   Passes in these courses will be awarded on the basis of practical work completed in accordance with the guidelines governing the practical work requirements.

Student Progression

10. Candidates may progress from Part One to Two, Two to Three, and Three to Four, by passing all courses in the prior part, either by examination or by the award of a combined results pass.

11. Candidates who fail to pass a complete Part in accordance with Regulation 10 shall re-enrol in the remaining unpassed course(s) at the next available offering of the course(s).

12. Candidates who are retaking courses from Part One in accordance with Regulation 11 may not progress to Part Two until all of Part One has been successfully completed.

13. Candidates who are retaking courses in Parts Two and Three in accordance with Regulation 11 may apply for permission to enrol in courses from the subsequent part, where the nominated courses are from different areas of study to the courses unpassed; permission will only be granted where, in the opinion of Academic Board, the academic record of the candidate shows proven merit.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>228.211</td>
<td>Engineering Practice 3: Product Development</td>
<td>15</td>
</tr>
<tr>
<td>228.271</td>
<td>Engineering Mathematics 2</td>
<td>15</td>
</tr>
<tr>
<td>200.271</td>
<td>Heat and Mass – Conservation and Transfer</td>
<td>15</td>
</tr>
<tr>
<td>123.201</td>
<td>Chemical Energetics</td>
<td>15</td>
</tr>
<tr>
<td>141.212</td>
<td>Food Technology 4: Manufacturing</td>
<td>15</td>
</tr>
<tr>
<td>280.201</td>
<td>Industrial Microbiology</td>
<td>15</td>
</tr>
<tr>
<td>280.272</td>
<td>Fluid Flow and Particle Technology</td>
<td>15</td>
</tr>
</tbody>
</table>

**Third Part**

**Manawatū Campus**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>288.312</td>
<td>Engineering Practice 5: Process Engineering with Constraints</td>
<td>30</td>
</tr>
<tr>
<td>288.371</td>
<td>Statistical Modelling for Engineers and Technologists</td>
<td>15</td>
</tr>
<tr>
<td>280.341</td>
<td>Environmental Technology</td>
<td>15</td>
</tr>
<tr>
<td>280.371</td>
<td>Process Engineering Operations</td>
<td>15</td>
</tr>
<tr>
<td>280.372</td>
<td>Reaction Technologies and Process Modelling</td>
<td>15</td>
</tr>
<tr>
<td>280.304</td>
<td>Bioseparation and Purification Processes</td>
<td>15</td>
</tr>
</tbody>
</table>

15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>123.201</td>
<td>Organic and Biological Chemistry</td>
<td>15</td>
</tr>
<tr>
<td>162.307</td>
<td>Microbial Biotechnology</td>
<td>15</td>
</tr>
<tr>
<td>228.741</td>
<td>Energy Systems</td>
<td>15</td>
</tr>
<tr>
<td>280.760</td>
<td>Industrial Refrigeration</td>
<td>15</td>
</tr>
<tr>
<td>238.201</td>
<td>Nanoscience</td>
<td>15</td>
</tr>
</tbody>
</table>

**Fourth Part**

**Manawatū Campus**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>228.711</td>
<td>Engineering Practice 6: Design Capstone Project</td>
<td>30</td>
</tr>
<tr>
<td>228.798</td>
<td>Individual Research Project</td>
<td>30</td>
</tr>
<tr>
<td>280.721</td>
<td>Process Improvement</td>
<td>15</td>
</tr>
<tr>
<td>280.771</td>
<td>Chemical and Bioprocess Engineering</td>
<td>15</td>
</tr>
<tr>
<td>280.702</td>
<td>Process Control</td>
<td>15</td>
</tr>
</tbody>
</table>

15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>141.710</td>
<td>Food Packaging Engineering and Legislation</td>
<td>15</td>
</tr>
<tr>
<td>141.723</td>
<td>Industrial Systems Improvement</td>
<td>15</td>
</tr>
<tr>
<td>228.741</td>
<td>Energy Systems</td>
<td>15</td>
</tr>
<tr>
<td>228.744</td>
<td>Case Studies of Renewable Energy Systems</td>
<td>15</td>
</tr>
<tr>
<td>280.750</td>
<td>Renewable Energy and Sustainable Development</td>
<td>15</td>
</tr>
<tr>
<td>280.760</td>
<td>Industrial Refrigeration</td>
<td>15</td>
</tr>
</tbody>
</table>

**Electronics and Computer Engineering (Elec&CompEng)**

**Auckland and Manawatū Campuses**

**First Part**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>124.171</td>
<td>Physical Principles for Engineering and Technology 1</td>
<td>15</td>
</tr>
<tr>
<td>124.172</td>
<td>Physical Principles for Engineering and Technology 2</td>
<td>15</td>
</tr>
<tr>
<td>159.171</td>
<td>Computational Thinking and Software Development</td>
<td>15</td>
</tr>
<tr>
<td>159.172</td>
<td>Computational Thinking and Algorithms</td>
<td>15</td>
</tr>
</tbody>
</table>

**Second Part**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>228.211</td>
<td>Engineering Practice 3: Product Development</td>
<td>15</td>
</tr>
<tr>
<td>228.271</td>
<td>Engineering Mathematics 2</td>
<td>15</td>
</tr>
<tr>
<td>281.273</td>
<td>Communication Network Architectures</td>
<td>15</td>
</tr>
<tr>
<td>281.282</td>
<td>Digital Electronic Systems</td>
<td>15</td>
</tr>
</tbody>
</table>

**Third Part**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>228.311</td>
<td>Engineering Practice 5: Design with Constraints</td>
<td>30</td>
</tr>
<tr>
<td>288.371</td>
<td>Statistical Modelling for Engineers and Technologists</td>
<td>15</td>
</tr>
<tr>
<td>281.374</td>
<td>Communication Systems</td>
<td>15</td>
</tr>
<tr>
<td>281.384</td>
<td>Embedded Systems Design</td>
<td>15</td>
</tr>
<tr>
<td>281.386</td>
<td>Advanced Electronic Circuits</td>
<td>15</td>
</tr>
</tbody>
</table>
Back to Contents

Auckland Campus
123.172

15 credits from:
281.353

Control Engineering

15

P 281.272; R 143.335, 143.346,
281.335, 282.346

158.326

Software Architecture

15

P 158.212 or 159.234 or 159.270

Manawatū Campus
15 credits from:
15

P 281.272; R 143.335, 282.346,
281.335, 282.346

281.353

Control Engineering

159.251

Software Engineering Design and
15
Construction

P (159.101 and 159.102) or 159.272;
R 159.351

158.326

Software Architecture

P 158.212 or 159.234 or 159.270

15

Fourth part
228.711

Engineering Practice 6: Design
Capstone Project

30

P 228.311 or 228.312; R 228.485,
280.430

228.798

Individual Research Project

30

P 228.311 or 228.312

281.755

Digital Signal Processing

15

P 281.272; R 124.344, 143.333,
281.333

281.785

Advanced Computer Engineering

15

P 281.384; R 143.474, 281.474

Chemistry for Biological
Systems 2

15

Electronics and Computer Engineering minor
159.171

Computational Thinking and
Software Development

15

159.172

Computational Thinking and
Algorithms

15

R Restriction
C Corequisite
P Prerequisite

281.776

Advanced Communication
Engineering

15

P 281.273, 281.374; R 143.448,
143.466, 281.448, 281.466

281.786

Advanced Micro- and NanoElectronics

15

P 281.281; R 124.345, 143.457,
281.457

Any 700 level 15 credit course selected from the following prefixes: 158
Information Technology, 159 Computer Science.

P 159.171 or 159.101; R 159.102

Mechatronics minor
159.171

Computational Thinking and
Software Development

15

159.172

Computational Thinking and
Algorithms

15

P 159.171 or 159.101; R 159.102

Second Part
Core courses (45 credits):
228.211

Engineering Practice 3: Product
Development

15

P 124.172, 228.172, 228.112 and
(123.172 or 159.172); C 228.271 and
two of 123.271, 280.271, 281.281,
282.260, 281.273; R 141.211

228.271

Engineering Mathematics 2

15

P 228.171, 228.172; C (141.211
or 228.211) and two of 123.271,
280.271, 281.281, 282.260, 281.273;
R 228.222, 228.223

30 credits from:

Auckland Campus

P 123.171 or 123.101; C 124.172,
228.172, and (141.112 or 228.112);
R 123.102

And either Chemical and Bioprocess Engineering minor
141.212

Food Technology 4:
Manufacturing

15

P 123.172, 124.172, 228.172, and
(141.112 or 228.112); C 123.201,
280.201 and 280.272; R 228.212

Or either Electronics and Computer Engineering or Mechatronics minors

Manawatū Campus
281.776

Advanced Communication
Engineering

15

P 281.273, 281.374; R 143.448,
143.466, 281.448, 281.466

281.756

Image and Video Processing

15

P 281.272; R 281.473

228.212

Engineering Practice 4: Materials
and Manufacturing

15

P (141.211 or 228.211), 228.271 and
two of 123.271, 280.271, 281.281,
282.260, 281.273; C (123.201,
280.201, 280.272) or (159.270,
281.272, 281.282); R 141.212

Any 700 level 15-credit course selected from the following prefixes: 158
Information Technology, 159 Computer Science.

Minor specialisation courses (75 credits):

Engineering and Innovation Management (EIM)

Chemical and Bioprocess Engineering minor

First Part
Core courses (90 credits):
124.171

124.172

228.111

228.112

228.171

228.172

Physical Principles for
Engineering and Technology 1

15

C (123.171 or 159.171), 228.171,
(141.111 or 228.111); R 124.101

15

P 124.171, (123.171 or 159.171),
228.171, (141.111 or 228.111); C
(123.172 or 159.172), 228.172,
(141.112 or 228.112); R 124.102

15

C 123.171 or 159.171, 124.171,
228.171; R 140.125, 140.150,
141.111, 228.125 and 228.150

Engineering Practice 2: Creative
Solutions

15

P One of 140.125, 140.150, 141.111,
228.111, 228.125, or 228.150;
C 123.172 or 159.172, 228.172,
124.172; R 140.120, 141.112,
143.150, 228.120, 228.152

Engineering Mathematics 1A

15

C (123.171 or 159.171), 124.171,
(228.111 or 141.111); R 160.101,
160.102, 160.161, 160.111

15

P 228.171, (123.171 or 159.171),
124.171, (228.111 or 141.111); C
124.172, (123.172 or 159.172),
(228.112 or 141.112); R 160.112,
160.133, 160.101, 160.102

Physical Principles for
Engineering and Technology 2
Engineering Practice 1: Global
Perspectives

Engineering Mathematics 1B

Minor specialisation courses (30 credits):

Chemical and Bioprocess Engineering minor
123.171

Chemistry for Biological
Systems 1

15

214 MASSEY UNIVERSITY 2018 CALENDAR

C 124.171, 228.171, (141.111 or
228.111); R 123.101

123.201

Chemical Energetics

15

P 123.102 or 123.172

123.271

Molecules to Materials

15

P (123.171 or 123.101) and (123.172
or 123.102)

280.201

Industrial Microbiology

15

P 123.171 and 123.172; R 142.201,
141.222, 162.212, 162.214

280.271

Heat and Mass – Conservation
and Transfer

15

P 123.172, 124.172, 228.172

280.272

Fluid Flow and Particle
Technology

15

P 123.172, 124.172, 228.172

Electronics and Computer Engineering minor
159.270

Hardware-Oriented Computing

15

P 159.102 or 159.172; R 159.234

281.272

Signals and Systems

15

P 281.281 and (228.271 or 160.204);
R 124.344, 143.227, 143.333,
281.227, 281.333

281.273

Communication Network
Architectures

15

P 159.172; C 228.271

281.281

Analogue Electronic Systems

15

P 124.171 124.172; R 124.241,
124.251, 281.251

281.282

Digital Electronic Systems

15

P 159.172; R 124.242, 124.252,
281.252

Mechatronics minor
159.270

Hardware-Oriented Computing

15

P 159.102 or 159.172; R 159.234

281.272

Signals and Systems

15

P 281.281 and (228.271 or 160.204);
R 124.344, 143.227, 143.333,
281.227, 281.333

281.281

Analogue Electronic Systems

15

P 124.171 124.172; R 124.241,
124.251, 281.251


### Third Part

Core courses (90 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>228.371</td>
<td>Statistical Modelling for Engineers and Technologists</td>
</tr>
<tr>
<td>287.320</td>
<td>Product Design</td>
</tr>
<tr>
<td>287.342</td>
<td>Agile Manufacturing</td>
</tr>
<tr>
<td>125.230</td>
<td>Business Finance</td>
</tr>
</tbody>
</table>

And either Chemical and Bioprocess Engineering minor:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>228.312</td>
<td>Engineering Practice 5: Process Engineering with Constraints</td>
</tr>
</tbody>
</table>

Or either Electronics and Computer Engineering or Mechatronics minor:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>228.311</td>
<td>Engineering Practice 5: Engineering Design with Constraints</td>
</tr>
</tbody>
</table>

Minor specialisation courses (30 credits):

#### Chemical and Bioprocess Engineering minor

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>280.371</td>
<td>Process Engineering Operations</td>
</tr>
<tr>
<td>280.372</td>
<td>Reaction Technologies and Process Modelling</td>
</tr>
</tbody>
</table>

#### Electronics and Computer Engineering minor

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>281.374</td>
<td>Communication Systems</td>
</tr>
<tr>
<td>281.385</td>
<td>Advanced Electronic Circuits</td>
</tr>
</tbody>
</table>

#### Mechatronics minor

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>282.371</td>
<td>Mechanical Engineering – Solid Dynamics</td>
</tr>
<tr>
<td>281.353</td>
<td>Control Engineering</td>
</tr>
</tbody>
</table>

### Fourth Part

Core courses (60 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>228.711</td>
<td>Engineering Practice 6: Design Capstone Project</td>
</tr>
<tr>
<td>228.798</td>
<td>Individual Research Project</td>
</tr>
</tbody>
</table>

Minor specialisation courses (15 credits):

#### Chemical and Bioprocess Engineering minor

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>280.702</td>
<td>Process Control</td>
</tr>
</tbody>
</table>

#### Electronics and Computer Engineering minor

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>281.755</td>
<td>Digital Signal Processing</td>
</tr>
</tbody>
</table>

or

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>281.785</td>
<td>Advanced Computer Engineering</td>
</tr>
</tbody>
</table>

#### Mechatronics minor

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>282.778</td>
<td>Mechatronics</td>
</tr>
</tbody>
</table>

### Engineering and Innovation Management

#### Elective courses (45 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>238.700</td>
<td>Life Cycle Assessment (LCA) and Footprinting Principles</td>
</tr>
<tr>
<td>287.740</td>
<td>Innovation Management</td>
</tr>
<tr>
<td>287.706</td>
<td>New Product Development Practices</td>
</tr>
<tr>
<td>287.741</td>
<td>Quality System Development and Management</td>
</tr>
<tr>
<td>287.742</td>
<td>Business Process Improvement</td>
</tr>
<tr>
<td>287.743</td>
<td>Lean Operations</td>
</tr>
<tr>
<td>287.744</td>
<td>Advanced Manufacturing Strategies</td>
</tr>
</tbody>
</table>

### Mechatronics (Mechatronics)

#### Auckland and Manawatū Campuses

#### First Part

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>124.171</td>
<td>Physical Principles for Engineering and Technology 1</td>
</tr>
<tr>
<td>124.172</td>
<td>Physical Principles for Engineering and Technology 2</td>
</tr>
<tr>
<td>159.171</td>
<td>Computational Thinking and Software Development</td>
</tr>
<tr>
<td>228.111</td>
<td>Engineering Practice 1: Global Perspectives</td>
</tr>
<tr>
<td>228.112</td>
<td>Engineering Practice 2: Creative Solutions</td>
</tr>
<tr>
<td>228.171</td>
<td>Engineering Mathematics 1A</td>
</tr>
<tr>
<td>228.172</td>
<td>Engineering Mathematics 1B</td>
</tr>
</tbody>
</table>

#### Second Part

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>228.211</td>
<td>Engineering Practice 3: Product Development</td>
</tr>
<tr>
<td>282.260</td>
<td>Manufacturing Engineering and Computer-Aided Design</td>
</tr>
<tr>
<td>282.271</td>
<td>Engineering Mathematics 2</td>
</tr>
<tr>
<td>281.281</td>
<td>Analogue Electronic Systems</td>
</tr>
<tr>
<td>159.270</td>
<td>Hardware-Oriented Computing</td>
</tr>
<tr>
<td>282.212</td>
<td>Engineering Practice 4: Materials and Manufacturing</td>
</tr>
<tr>
<td>281.272</td>
<td>Signals and Systems</td>
</tr>
<tr>
<td>281.282</td>
<td>Digital Electronic Systems</td>
</tr>
</tbody>
</table>

Back to Contents
Third Part

Engineering Practice 5: Engineering Design with Constraints 30 P 281.281, 281.282, 228.211, 228.212, C 281.384 or 280.341 or 287.342
Statistical Modelling for Engineers and Technologists 15 P 228.271; R 228.340

Mechanical Engineering – Solid Dynamics 15 P 124.172, R 282.221, 282.360
Mechanical Engineering – Mechanism and Component Design 15 P 124.172, 282.360, R 282.221, 282.360
Mechanical Engineering – Fluid Mechanics and Thermodynamics 15 P 124.172, R 282.221, 282.366

Control Engineering 15 P 281.272, R 143.335, 143.346, 282.346, 281.335

Fourth Part

Engineering Practice 6: Design Capstone Project 30 P 282.311 or 282.312; R 228.485, 280.430
Individual Research Project 30 P 282.311 or 282.312
Industrial Systems Design and Integration 15 P 159.270, 282.371, 282.372, R 143.472, 282.472
Mechatronics 15 P 281.353, 282.371; R 143.478, 282.470
Robotics and Automation 15 P 281.384, 282.372; R 143.462, 282.462

Any 700-level 15-credit course selected from the following prefixes: 158 Information Technology, 159 Computer Science, 282 Electronics and Information Engineering, 287 Mechatronics and Automation Engineering, 287 Industrial Innovation.

Product Development (ProdDev)

No new enrolments from 2015.

Auckland and Manawatū Campuses

First Part

Physical Principles for Engineering and Technology 1 15 P 123.171 or 159.171, 228.171, (141.111 or 228.111), R 124.101
Physical Principles for Engineering and Technology 2 15 P 124.171, (123.171 or 159.171), 228.171, (141.111 or 228.111); C 124.171, (123.172 or 159.172), 228.172, (141.112 or 228.112); R 124.102
Computational Thinking and Software Development 15

Second Part

Engineering Practice 3: Product Development 15 P 124.172, 228.112, 228.211 and (123.172 or 159.172); C 228.271 and two of 123.271, 281.271, 281.281, 282.260, 281.273; R 141.211
Manufacturing Engineering and Computer-Aided Design 15 P 124.172 and 228.172, C 228.271, 228.211; R 143.334, 228.334

Engineering Mathematics 2 15 P 159.171 or 159.101; R 159.102
Engineering Practice 5: Industrial Innovation 15 P 124.172, 228.171, (141.211 or 228.211) and two of 123.271, 281.271, 281.281, 282.260, 281.273; R 141.212
Signals and Systems 15 P 281.281 and (228.271 or 160.204); R 124.344, 143.227, 143.333, 281.227, 281.333
Digital Electronic Systems 15 P 159.172, R 124.242, 124.252, 281.252

Third Part

Business Finance 15 P 115.114 or 115.105
Engineering Practice 5: Engineering Design with Constraints 30 P 281.281, 281.282, 228.211, 228.212; C 281.384 or 280.341 or 287.342
Statistical Modelling for Engineers and Technologists 15 P 228.271; R 228.340
Mechanical Engineering – Solid Dynamics 15 P 124.172, 282.221, 282.360
Mechanical Engineering – Mechanism and Component Design 15 P 124.172, 282.221, 282.360
Product Design 15 P 228.211 and 228.212
Agile Manufacturing 15 R 143.329, 143.342

Fourth Part

Engineering Practice 6: Design Capstone Project 30 P 282.311 or 282.312; R 228.485, 280.430
Individual Research Project 30 P 282.311 or 282.312
Mechatronics 15 P 281.353, 282.371; R 143.478, 282.470
Robotics and Automation 15 P 281.384, 282.372; R 143.462, 282.462

Any 700-level 15-credit course selected from the following prefixes: 158 Information Technology, 159 Computer Science, 282 Electronics and Information Engineering, 287 Mechatronics and Automation Engineering, 287 Industrial Innovation.

Product Development (ProdDev)

No new enrolments from 2015.

Auckland and Manawatū Campuses

First Part

Physical Principles for Engineering and Technology 1 15 C 123.171 or 159.171, 228.171, (141.111 or 228.111), R 124.101
Physical Principles for Engineering and Technology 2 15 P 124.171, (123.171 or 159.171), 228.171, (141.111 or 228.111); C 123.172 or 159.172, 228.172, (141.112 or 228.112); R 124.102
Computational Thinking and Software Development 15

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

The Degree of Bachelor of Engineering

BE

Part II

Candidates who have passed all courses and completed all other requirements for a BE(Hons) but whose performance in the courses is deemed by the Academic Board, upon recommendation of the examiners, not to be of Honours standard will be awarded a degree of Bachelor of Engineering.
The Degree of Bachelor of Fine Arts with Honours
BFA(Hons)

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II
Admission
1. Admission to the Degree of Bachelor of Fine Arts with Honours requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) be selected into the Qualification based partially on the assessment of a portfolio of work submitted by the applicant, and an interview at the discretion of the University.
2. An applicant who holds the degree of Bachelor of Fine Arts shall not be admitted to the Bachelor of Fine Arts with Honours.

Qualification Requirements
3. Candidates for the Degree of Bachelor of Fine Arts with Honours shall follow a parts based programme of study, which shall consist of courses totalling at least 480 credits, comprising:
   (a) Part I, Part II, Part III, and Part IV as specified in Schedule A;
   (b) elective courses from Schedule B to the Degree; and/or elective courses from Schedule C to the Degree of the Bachelor of Design with Honours; or any other course.
   And including:
   (c) not more than 165 credits at 100 level;
   (d) at least 90 credits at 200-level;
   (e) at least 105 credits at 300-level;
   (f) at least 120 credits at 400 level or above.
4. Notwithstanding Regulation 3, holders of a Massey University Diploma in Photography who are admitted to the Degree of Bachelor of Fine Arts with Honours, may, on surrender of the diploma, be permitted to transfer up to 120 credits at 100-level and up to 75 credits at 200-level to the Bachelor of Fine Arts with Honours.

Specialisations
5. The Degree of Bachelor of Fine Arts with Honours is awarded without specialisation.

Student Progression
6. In order to progress to Part II the candidate shall have passed a total of 75 credits at 100 level with at least 60 credits from the Part I courses including one of 237.130 or 237.131.

7. For progression to Part IV of Bachelor of Fine Arts with Honours, candidates must have passed the Part III credits from Schedule A.
8. The Academic Board may grant exemptions to the requirements of Regulations 6 and 7 based on the subjects studied and prior performance of the student.
9. The Degree of Bachelor of Fine Arts with Honours may be awarded with First Class Honours or with Second Class Honours Division I or Second Class Honours Division II or with Third Class Honours. The class of Honours awarded shall be determined by the examiners on the performance of the candidate in Part IV of the programme.

Completion Requirements
10. The Bachelor of Fine Arts with Honours must be completed within the following timeframes:
   (a) five consecutive academic years for full-time students
   (b) eight consecutive academic years for part-time students
   unless a specified time of suspension or extension has been approved by the Academic Board. Permission must be sought in advance of any suspension or extension by applying in writing to the Programme Director. Suspensions or extensions granted will appear on the academic record.
11. Candidates may be graduated when they meet the Qualification requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of the Academic Board, be awarded the Bachelor of Fine Arts should they meet the relevant qualification requirements.

Unsatisfactory Academic Progress
12. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Bachelor of Fine Arts with Honours
Schedule A

Part I
<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</th>
<th>Credits</th>
<th>Required Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>237.130</td>
<td>Communication for Makers</td>
<td>15</td>
<td>R 237.101, 237.114</td>
</tr>
<tr>
<td>237.131</td>
<td>Conversations in Creative Cultures</td>
<td>15</td>
<td>R 237.102</td>
</tr>
</tbody>
</table>

Plus one of:
<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</th>
<th>Credits</th>
<th>Required Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>213.157</td>
<td>Studio I (Art Lab)</td>
<td>15</td>
<td>R 197.132</td>
</tr>
<tr>
<td>213.158</td>
<td>Studio I (Art Place)</td>
<td>15</td>
<td>R 197.131</td>
</tr>
</tbody>
</table>

Plus three of:
<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</th>
<th>Credits</th>
<th>Required Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>198.157</td>
<td>Studio I (Object)</td>
<td>15</td>
<td>R 197.132</td>
</tr>
<tr>
<td>212.157</td>
<td>Studio I (Dress)</td>
<td>15</td>
<td>R 197.135</td>
</tr>
<tr>
<td>213.157</td>
<td>Studio I (Art Lab)</td>
<td>15</td>
<td>R 197.132</td>
</tr>
<tr>
<td>213.158</td>
<td>Studio I (Art Place)</td>
<td>15</td>
<td>R 197.131</td>
</tr>
<tr>
<td>221.157</td>
<td>Studio I (Lens)</td>
<td>15</td>
<td>R 221.101</td>
</tr>
<tr>
<td>222.157</td>
<td>Studio I (Screen)</td>
<td>15</td>
<td>R 197.131</td>
</tr>
<tr>
<td>222.158</td>
<td>Studio I (Type)</td>
<td>15</td>
<td>R 197.131, 222.100</td>
</tr>
<tr>
<td>223.157</td>
<td>Studio I (Material)</td>
<td>15</td>
<td>R 197.133</td>
</tr>
<tr>
<td>224.157</td>
<td>Studio I (Space)</td>
<td>15</td>
<td>R 197.131</td>
</tr>
</tbody>
</table>

Part II

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</th>
<th>Credits</th>
<th>Required Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>213.241</td>
<td>Art Studio II A</td>
<td>30</td>
<td>P 213.157 or 213.158 or [197.131 and 197.132]; R 213.251</td>
</tr>
<tr>
<td>213.242</td>
<td>Art Studio II B</td>
<td>30</td>
<td>P 213.241; R 213.251</td>
</tr>
<tr>
<td>237.230</td>
<td>Creative Cultures and Contexts I</td>
<td>15</td>
<td>P 75 credits at 100 level; R 198.281, 212.202, 213.252, 221.281, 222.281, 223.202, 224.281</td>
</tr>
</tbody>
</table>

PLUS one of the following
<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</th>
<th>Credits</th>
<th>Required Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>197.288</td>
<td>Creative Industries</td>
<td>15</td>
<td>P 75 credits at 100 level</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>237.231</td>
<td>Creative Cultures and Contexts II</td>
<td>15</td>
<td>P 75 credits at 100 level</td>
</tr>
</tbody>
</table>

Part III

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</th>
<th>Credits</th>
<th>Required Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>213.341</td>
<td>Art Studio III A</td>
<td>30</td>
<td>P 213.242 or [213.251 or 213.201]; R 213.300, 213.351</td>
</tr>
<tr>
<td>213.342</td>
<td>Art Studio III B</td>
<td>30</td>
<td>P 213.341; R 213.300, 213.351</td>
</tr>
<tr>
<td>213.357</td>
<td>Introduction to Fine Arts Research Methods and Practices</td>
<td>15</td>
<td>P 213.352 or 237.330</td>
</tr>
<tr>
<td>237.330</td>
<td>Creative Cultures and ideas</td>
<td>15</td>
<td>P 237.230 or 237.231</td>
</tr>
</tbody>
</table>

PLUS one of the following
<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</th>
<th>Credits</th>
<th>Required Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>197.388</td>
<td>Creative Enterprise</td>
<td>15</td>
<td>P 75 credits at 200 level; R198.481, 212.425, 221.382, 222.382, 223.425, 224.382</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>237.331</td>
<td>Creative Cultures and Display</td>
<td>15</td>
<td>P 75 credits at 200 level</td>
</tr>
</tbody>
</table>

Part IV

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</th>
<th>Credits</th>
<th>Required Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>213.441</td>
<td>Art Studio IV A Research</td>
<td>30</td>
<td>P (213.342 or 213.351) and 213.357; C 213.483; R 213.401, 213.451</td>
</tr>
</tbody>
</table>

Back to Contents
213.442 Art Studio IV B 45 P 213.440 or 213.441; R 213.401, 213.461
213.463 Fine Arts Research Seminar 15 P 213.357 or Permission Head of School; C 213.441
PLUS one of the following
197.465 Creative Futures 15 P 198.358 or 212.358 or 213.342 or 221.358 or 222.358 or 223.358 or 224.358
OR
213.465 Exhibition 15 C (198.454 or 198.455 or 212.454 or 212.455 or 213.442 or 221.454 or 222.454 or 224.454 or 224.455) or Permission Head of School
OR
237.465 Creative Exposition 15 P [237.330 and (198.358 or 212.358 or 213.342 or 221.358 or 222.358 or 223.358 or 224.358)] or Permission Head of School

Schedule B
213.150 Painting 15 R 213.203
213.151 Contemporary Sculpture 15 R 213.204
213.154 Contemporary Drawing 15
213.155 Drawing the Body I 15 R 197.101
213.211 Fine Arts Special Topic II 15 P Permission Course Coordinator

213.254 Contemporary Drawing Projects 15 P 75 credits at 100 level from College of Creative Arts; R 197.201
213.255 Drawing the Body II 15 P 213.155 or 197.101; R 197.200
213.256 Contemporary Art Projects A 15 P 75 credits at 100 level from College of Creative Arts
213.257 Contemporary Art Projects B 15 P 75 credits at 100 level from College of Creative Arts
213.258 Contemporary Art Projects C 15 P 75 credits at 100 level from College of Creative Arts
213.259 Contemporary Art Projects D 15 P 75 credits at 100 level from College of Creative Arts
213.260 Fine Arts Special Topic IIIB 30
213.261 Contemporary Art Projects F 15 P 75 credits at 100 level from College of Creative Arts
213.262 Contemporary Art Projects G 15 P 75 credits at 100 level from College of Creative Arts
213.263 Contemporary Art Projects H 15 P 75 credits at 100 level from College of Creative Arts
213.264 Contemporary Art Projects I 15 P 75 credits at 100 level from College of Creative Arts
213.265 Contemporary Art Projects J 15 P 75 credits at 100 level from College of Creative Arts
213.311 Fine Arts Special Topic III 15 P Permission Course Coordinator
213.355 Drawing the Body III 15 P 213.255 or 197.200; R 197.301
213.356 Contemporary Art Projects E 15 P 75 credits at 200 level from College of Creative Arts
213.358 Fine Arts Internship 15 P 60 credits at 200 level from College of Creative Arts; R 213.412
213.359 Contemporary Art Projects K 15 P 75 credits at 200 level from College of Creative Arts
213.360 Fine Arts Special Topic IIIC 30
213.411 Fine Arts Special Topic IV 15 P Permission Course Coordinator
213.464 Art in Context 15 P 75 credits at 300 level

The Degree of Bachelor of Fine Arts
BFA

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II
Admission
1. Admission to the Degree of Bachelor of Fine Arts requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) be selected into the Qualification based partially on the assessment of a portfolio of work submitted by the applicant, and an interview at the discretion of the University.

Qualification Requirements
2. Candidates for the Degree of Bachelor of Fine Arts shall follow a parts-based programme of study, which shall consist of courses totalling at least 480 credits, comprising:
   (a) Part I, Part II, Part III, and Part IV as specified in Schedule A;
   (b) elective courses from Schedule B to the Degree; and/or elective courses from Schedule C to the Degree of the Bachelor of Design with Honours or any other course.
And including:
   (c) not more than 180 credits at 100 level;
   (d) at least 90 credits at 200 level;
   (e) at least 90 credits at 300 level;
   (f) at least 90 credits at 400 level or above.

3. Notwithstanding Regulation 2, holders of a Massey University Diploma in Photography who are admitted to the Degree of Bachelor of Fine Arts, may, on surrender of the diploma, be permitted to transfer up to 120 credits at 100 level and up to 75 credits at 200 level to the Bachelor of Fine Arts.

Specialisations
4. The Degree of Bachelor of Fine Arts is awarded without specialisation.

Student Progression
5. In order to progress to Part II the candidate shall have passed a total of 75 credits at 100 level with at least 60 credits from the Part I courses including one of 237.130 or 237.131.
6. The Academic Board may grant exemptions to the requirements of Regulation 5 based on the subjects studied and prior performance of the student.

Completion Requirements
7. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.
8. Candidates may be graduated when they meet the Qualification requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded an alternative qualification should they meet the relevant qualification requirements.

Unsatisfactory Academic Progress
9. The general Unsatisfactory Academic Progress regulations will apply.
## Schedule for the Bachelor of Fine Arts

### Schedule A

#### Part I

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>237.130</td>
<td>Communication for Makers</td>
<td>15</td>
<td>R 237.101, 237.114</td>
</tr>
<tr>
<td>237.131</td>
<td>Conversations in Creative Cultures</td>
<td>15</td>
<td>R 237.102</td>
</tr>
</tbody>
</table>

Plus one of:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>213.157</td>
<td>Studio I (Art Lab)</td>
<td>15</td>
<td>R 197.132</td>
</tr>
<tr>
<td>213.158</td>
<td>Studio I (Art Place)</td>
<td>15</td>
<td>R 197.131</td>
</tr>
</tbody>
</table>

Plus three of:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>198.157</td>
<td>Studio I (Object)</td>
<td>15</td>
<td>R 197.132</td>
</tr>
<tr>
<td>212.157</td>
<td>Studio I (Dress)</td>
<td>15</td>
<td>R 197.135</td>
</tr>
<tr>
<td>213.157</td>
<td>Studio I (Art Place)</td>
<td>15</td>
<td>R 197.131</td>
</tr>
<tr>
<td>221.157</td>
<td>Studio I (Lens)</td>
<td>15</td>
<td>R 221.101</td>
</tr>
<tr>
<td>222.157</td>
<td>Studio I (Screen)</td>
<td>15</td>
<td>R 197.131</td>
</tr>
<tr>
<td>222.158</td>
<td>Studio I (Type)</td>
<td>15</td>
<td>R 197.131, 222.100</td>
</tr>
<tr>
<td>223.157</td>
<td>Studio I (Material)</td>
<td>15</td>
<td>R 197.133</td>
</tr>
<tr>
<td>224.157</td>
<td>Studio I (Space)</td>
<td>15</td>
<td>R 197.131</td>
</tr>
</tbody>
</table>

#### Part II

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>213.241</td>
<td>Art Studio IIA</td>
<td>30</td>
<td>P 213.157 or 213.158 or (197.131 and 197.132); R 213.251</td>
</tr>
<tr>
<td>213.242</td>
<td>Art Studio IIB</td>
<td>30</td>
<td>P 213.241; R 213.251</td>
</tr>
<tr>
<td>237.230</td>
<td>Creative Cultures and Contexts I</td>
<td>15</td>
<td>P 75 credits at 100 level; R 198.281, 212.202, 213.252, 221.281, 222.281, 223.202, 224.281</td>
</tr>
</tbody>
</table>

PLUS one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>197.288</td>
<td>Creative Industries</td>
<td>15</td>
<td>P 75 credits at 100 level</td>
</tr>
</tbody>
</table>

OR

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>237.231</td>
<td>Creative Cultures and Contexts II</td>
<td>15</td>
<td>P 75 credits at 100 level</td>
</tr>
</tbody>
</table>

#### Part III

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>213.341</td>
<td>Art Studio IIIA</td>
<td>30</td>
<td>P 213.242 or (213.251 or 213.201); R 213.300, 213.351</td>
</tr>
<tr>
<td>213.342</td>
<td>Art Studio IIIB</td>
<td>30</td>
<td>P 213.341; R 213.300, 213.351</td>
</tr>
<tr>
<td>237.330</td>
<td>Creative Cultures and Ideas</td>
<td>15</td>
<td>P 237.230 or 237.231</td>
</tr>
</tbody>
</table>

PLUS one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>197.388</td>
<td>Creative Enterprise</td>
<td>15</td>
<td>P 75 credits at 200 level; R 198.481, 212.425, 221.362, 222.382, 223.425, 224.382</td>
</tr>
</tbody>
</table>

OR

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>237.331</td>
<td>Creative Cultures and Display</td>
<td>15</td>
<td>P 75 credits at 200 level</td>
</tr>
</tbody>
</table>

#### Part IV

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>213.440</td>
<td>Art Studio IV A Practice</td>
<td>30</td>
<td>P 213.342 or 213.351; R 213.401, 213.451</td>
</tr>
<tr>
<td>213.442</td>
<td>Art Studio IV B</td>
<td>45</td>
<td>P 213.440 or 213.441; R 213.401, 213.461</td>
</tr>
</tbody>
</table>

PLUS one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>197.465</td>
<td>Creative Futures</td>
<td>15</td>
<td>P 198.358 or 212.358 or 213.342 or 221.358 or 222.358 or 223.358 or 224.358 or 224.455 or Permission Head of School</td>
</tr>
</tbody>
</table>

---

### Schedule B

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>213.150</td>
<td>Painting</td>
<td>15</td>
<td>R 213.203</td>
</tr>
<tr>
<td>213.151</td>
<td>Contemporary Sculpture</td>
<td>15</td>
<td>R 213.204</td>
</tr>
<tr>
<td>213.154</td>
<td>Contemporary Drawing</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>213.155</td>
<td>Drawing the Body I</td>
<td>15</td>
<td>R 197.101</td>
</tr>
<tr>
<td>213.211</td>
<td>Fine Arts Special Topic II</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
</tr>
<tr>
<td>213.254</td>
<td>Contemporary Drawing Projects</td>
<td>15</td>
<td>P 75 credits at 100 level from College of Creative Arts; R 197.201</td>
</tr>
<tr>
<td>213.255</td>
<td>Drawing the Body II</td>
<td>15</td>
<td>P 213.155 or 197.101; R 197.200</td>
</tr>
<tr>
<td>213.256</td>
<td>Contemporary Art Projects A</td>
<td>15</td>
<td>P 75 credits at 100 level from College of Creative Arts</td>
</tr>
<tr>
<td>213.257</td>
<td>Contemporary Art Projects B</td>
<td>15</td>
<td>P 75 credits at 100 level from College of Creative Arts</td>
</tr>
<tr>
<td>213.258</td>
<td>Contemporary Art Projects C</td>
<td>15</td>
<td>P 75 credits at 100 level from College of Creative Arts</td>
</tr>
<tr>
<td>213.259</td>
<td>Contemporary Art Projects D</td>
<td>15</td>
<td>P 75 credits at 100 level from College of Creative Arts</td>
</tr>
<tr>
<td>213.260</td>
<td>Fine Arts Special Topic IIB</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>213.261</td>
<td>Contemporary Art Projects F</td>
<td>15</td>
<td>P 75 credits at 100 level from College of Creative Arts</td>
</tr>
<tr>
<td>213.262</td>
<td>Contemporary Art Projects G</td>
<td>15</td>
<td>P 75 credits at 100 level from College of Creative Arts</td>
</tr>
<tr>
<td>213.263</td>
<td>Contemporary Art Projects H</td>
<td>15</td>
<td>P 75 credits at 100 level from College of Creative Arts</td>
</tr>
<tr>
<td>213.264</td>
<td>Contemporary Art Projects I</td>
<td>15</td>
<td>P 75 credits at 100 level from College of Creative Arts</td>
</tr>
<tr>
<td>213.265</td>
<td>Contemporary Art Projects J</td>
<td>15</td>
<td>P 75 credits at 100 level from College of Creative Arts</td>
</tr>
<tr>
<td>213.266</td>
<td>Fine Arts Special Topic III</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
</tr>
<tr>
<td>213.295</td>
<td>Drawing the Body III</td>
<td>15</td>
<td>P 213.255 or 197.200; R 197.301</td>
</tr>
<tr>
<td>213.356</td>
<td>Contemporary Art Projects E</td>
<td>15</td>
<td>P 75 credits at 200 level from College of Creative Arts</td>
</tr>
<tr>
<td>213.358</td>
<td>Fine Arts Internship</td>
<td>15</td>
<td>P 60 credits at 200 level from College of Creative Arts; R 213.412</td>
</tr>
<tr>
<td>213.359</td>
<td>Contemporary Art Projects K</td>
<td>15</td>
<td>P 75 credits at 200 level from College of Creative Arts</td>
</tr>
<tr>
<td>213.360</td>
<td>Fine Arts Special Topic III B</td>
<td>30</td>
<td>P Permission Course Coordinator</td>
</tr>
<tr>
<td>213.411</td>
<td>Fine Arts Special Topic IV</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
</tr>
<tr>
<td>213.464</td>
<td>Art in Context</td>
<td>15</td>
<td>P 75 credits at 300 level</td>
</tr>
</tbody>
</table>

---
The Degree of Bachelor of Food Technology with Honours
BFoodTech(Hons)

Qualification Regulations

Part I

Subject to Part IA, these regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Degree of Bachelor of Food Technology with Honours requires that the candidate will:
   (a) meet the University admission requirements as specified; and have achieved
   (b) NCEA Level 3 with at least 16 credits in Physics, and at least 16 externally-assessed credits in Mathematics, normally including algebra, differentiation and integration, and at least 14 credits in Chemistry, or achieved at an equivalent level in an assessment alternative to NCEA; or
   (c) minimum C passes in either 160.103 Introductory University Mathematics or 160.132 Concepts in Mathematics, and in 124.100 Introductory Physics and in 123.103 Introductory Chemistry, or equivalent(s).

Qualification Requirements

2. Candidates for the Degree of Bachelor of Food Technology with Honours shall follow a parts-based programme of study, which shall consist of courses totalling at least 480 credits, comprising:
   (a) a First Part, Second Part, Third Part and Fourth Part;
   (b) at least four years of study;
   And including:
   (c) a minimum of 900 hours of practical work experience;
   (d) completion of one major; and
   (e) attending field trips, studios, workshops, tutorials and laboratories as required.

3. Candidates, who in the opinion of the Academic Board, have passed with sufficient merit subjects for the New Zealand Certificate in Science, the National Diploma in Engineering or an equivalent qualification, may be granted credit, including part or all of the First and Second Parts. The credit granted will be determined by Academic Board after taking into account the areas of study of the certificate and the standard of pass attained.

4. Notwithstanding Regulation 2, candidates who, in the opinion of the Academic Board, have achieved the admission requirements for the Degree of Bachelor of Food Technology with Honours to an excellent standard, may be admitted to the programme after the commencement of Part One but no later than the start of Part Two, and may be granted an exemption, including part or all of the First Part. The exemption granted will be determined by Academic Board after taking into account the level of achievement in the subjects passed prior to, and subsequent to, admission. Alternative courses of an equivalent credit value must be substituted for the exempted courses.

5. The maximum credit or exemption granted under Regulations 3 and 4 or any other credit recognition process shall be 240 credits.

Specialisations

6. Candidates shall complete one of the following majors:
   • Food Product Technology; or
   • Food Process Engineering.

   The requirements for each major are set out in the Schedule for the Degree of Bachelor of Food Technology with Honours.

Academic Requirements

7. Every candidate for the Degree of Bachelor of Food Technology with Honours shall complete to the satisfaction of Academic Board a minimum of 900 hours of approved practical work and associated reports in accordance with the following courses:
   (a) 228.110 Practicum I;
   (b) 228.210 Practicum II;
   (c) 228.310 Practicum III.

   Passes in these or approved equivalent courses will be awarded on the basis of practical work completed in accordance with the guidelines governing the practical work requirements.

Student Progression

8. Candidates may progress from Part One to Two, Two to Three, and Three to Four, by passing all courses in the prior part, either by examination or by the award of a combined results pass.

9. Candidates who fail to pass a complete Part in accordance with Regulation 8 shall re-enrol in the remaining unpassed course(s) at the next available offering(s) of the course(s).

10. Candidates who are re-taking courses from Part One in accordance with Regulation 9 may not progress to Part Two until all of Part One has been successfully completed.

11. Candidates who are re-taking courses in Parts Two and Three in accordance with Regulation 9 may apply for permission to enrol in courses from the subsequent part, where the nominated courses are from different areas of study to the courses unpassed; permission will only be granted where, in the opinion of Academic Board, the academic record of the candidate shows proven merit.

12. The Degree of Bachelor of Food Technology with Honours may be awarded with First Class Honours or with Second Class Honours (Division I) or with Second Class Honours (Division II), or with Third Class Honours. The class of Honours shall be determined by the candidate’s performance in the Second, Third and Fourth Parts of the Degree.

13. Candidates who have passed all courses and completed all other requirements for a Bachelor of Food Technology with Honours but whose performance in the courses is deemed by the Academic Board, upon recommendation of the examiners, not to be of Honours standard will be awarded the Degree of Bachelor of Food Technology.

Completion Requirements

14. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

15. Candidates may be graduated when they meet the Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Bachelor of Science should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

16. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Degree of Bachelor of Food Technology with Honours
(Auckland and Manawatū campuses)

Part One (120 credits)

Compulsory courses:

123.171 Chemistry for Biological Systems 1 15 C 124.171, 228.172, (141.111 or 228.111); R 123.101
124.171 Physical Principles for Engineering and Technology 1 15 C (123.171 or 159.171), 228.171, (141.111 or 228.111); R 124.101
141.111 Food Technology 1: Global Perspectives 15 C 123.171, 124.171, 228.171; R 228.111, 228.125 and 228.150
228.171 Engineering Mathematics 1A 15 C (123.171 or 159.171), 124.171, (228.111 or 141.111); R 160.101, 160.102, 160.181, 160.111
123.172 Chemistry for Biological Systems 2 15 P 123.171 or 123.101; C 124.172, 228.172 and (141.112 or 228.112); R 123.102
124.172 Physical Principles for Engineering and Technology 2 15 P 124.171, (123.171 or 159.171), 228.171, (141.111 or 228.111); C (123.172 or 159.172), 228.172, (141.112 or 228.112); R 124.102
141.112 Food Technology 2: Creative Solutions 15
P One of 140.125, 140.150, 141.111, 228.111, 228.125 or 228.150; C 123.172, 224.172, 124.172; R 228.120 and 228.112

228.172 Engineering Mathematics 1B 15
P 228.171, (123.171 or 159.171), 124.171, (228.111 or 141.111); C 124.172, (123.172 or 159.172), (228.112 or 141.112), R 160.112, 180.133, 180.101, 160.102

Part Two (120 credits)
Compulsory courses:

123.271 Molecules to Materials 15
P ([123.171 or 123.101] and [123.172 or 123.102])

141.211 Food Technology 3: Product Development 15
P 123.172, 124.172, 228.172 and 141.112; C 123.271, 228.271, 280.271; R 228.211, 228.292

228.271 Engineering Mathematics 2 15
P 228.171, 228.172, C [141.211 or 228.211] and two of 123.271, 280.271, 281.281, 282.260, 281.273, R 228.222, 228.223

280.271 Heat and Mass – Conservation and Transfer 15
P 123.172, 124.172 and 228.172

123.201 Chemical Energetics 15
P 123.102 or 123.172

141.212 Food Technology 4: Manufacturing 15
P 123.172, 124.172, 228.172 and (141.112 or 228.112); C 123.201, 280.201 and 228.272; R 228.212

280.201 Industrial Microbiology 15
P 123.171 and 123.172; R 142.201, 141.222, 162.212, 162.214

280.272 Fluid Flow and Particle Technology 15
P 123.172, 124.172 and 228.172

Part Three (120 credits)
Compulsory courses:

141.311 Food Technology 5: Food Microbiology and Safety 15
P One of 280.201 or 142.222, 162.212 or 162.214

141.385 Food Chemistry 15
P ([123.220 or 122.221 or 122.222] and [123.172, 123.271 and 123.201]); R 141.391, 151.231

228.371 Statistical Modelling for Engineers and Technologists 15
P 228.271, R 228.340

280.371 Process Engineering Operations 15
P 280.271 and 280.272; R 280.391

141.312 Food Technology 6: Food Characterisation 15
P 123.271, 123.201, 141.211, 141.212; R 141.330

141.362 Food Formulation Technology 15
P 123.220 or (123.271 and 123.201)

280.372 Reaction Technologies and Process Modelling 15
P 123.201, 123.271, 228.271, 280.271, 280.272, 280.270, R 280.391 and 280.392

Food Product Technology Major
141.358 Nutrition and Food Choice 15
P 123.271; R 141.458

Food Process Engineering Major (Manawatū only)
280.304 Bioseparation and Purification Processes 15
P ([141.294 and 280.299 or 142.221] or 280.271 and 280.272); R 142.304

Part Four (120 credits)
Compulsory courses:

141.710 Food Packaging Engineering and Legislation 15
P 280.271 or (141.294 and 141.221 or 280.299), (280.371 or 280.391), (280.372 or 280.392), R 228.732 or 228.733 or 228.734 or 228.735 or 228.736

141.723 Industrial Systems Improvement 15
R 141.424, 278.342, 228.479

Food Product Technology Major
141.791 Advanced Food Technology 15
P ([141.311 or 141.393], [141.312 or 141.330], [141.362, 141.395], [141.358 or 141.458], [228.371 or 280.394], [280.371 or 280.391], and [280.372 or 280.392]); R 141.491

An approved elective from:

112.702 International Agri-Food Marketing Strategies 15

141.755 Added Value Processing of Food Products 15
P 280.201 or 141.222 or 162.212 or 162.214; R 141.355

151.718 Advanced Topics in Macronutrient Nutrition 15
R 151.742

238.700 Life Cycle Assessment (LCA) and Footprinting Principles 15
P 160.1xx or 161.1xx

280.711 Chemical and Bioprocess Engineering 15
P (140.391 or 280.391), (140.392 or 280.392), 280.371, 280.372; R 142.403, 280.403

280.702 Process Control 15
P (228.222 and 228.271) and (280.371 or 280.391); R 142.402

287.741 Quality System Development and Management 15
P 228.371; R 287.730

Food Process Engineering Major

Food Process Engineering Research Project 30
P ([141.311 or 141.393], [141.362, 141.395], [228.340, 280.394], [280.371 or 280.391], [280.372 or 280.392]); R 141.449, 141.459, 141.759

Food Engineering Design 30
P ([141.311 or 141.393], [141.362, 141.395], [228.340, 280.394], [280.371 or 280.391], [280.372 or 280.392]); R 141.471, 141.444

Process Control 15
P (228.222 and 228.271) and (280.371 or 280.391); R 142.402

Chemical and Bioprocess Engineering 15
P (140.391 or 280.391), (140.392 or 280.392), 280.371, 280.372; R 142.403, 280.403

Specific Regulations for the Degree of Bachelor of Food Technology with Honours jointly delivered and awarded with the Singapore Institute of Technology

Part IA

For the degree of Bachelor of Food Technology with Honours jointly delivered and awarded with the Singapore Institute of Technology, the regulations are to be read in conjunction with the regulations relating to Massey University’s qualifications and with all other Statutes and Regulations of the Singapore Institute of Technology.

The programme of study for the degree of Bachelor of Food Technology with Honours jointly delivered and awarded with the Singapore Institute of Technology will consist of modules/courses totalling 240 Singapore Institute of Technology credits/480 Massey University credits, completed in accordance with Regulations 1 to 16 for the degree. Notwithstanding Clause 12, students from the Singapore Institute of Technology may be awarded higher distinction or distinction, in accordance with Singapore Institute of Technology regulations.
Schedule for the Degree of Bachelor of Food Technology with Honours jointly awarded with the Singapore Institute of Technology

Food Product Technology

Part One
Compulsory modules/courses:

FTE1011 Chemistry for Food Technology P C pass in A-level Chemistry or equivalent
FTE1012 Biomolecular Science for Food Technology P C pass in A-level Chemistry or equivalent
FTE1013 Mass and Energy Balance P C pass in A-level Physics or equivalent
FTE1014 Food Technology 2: Global and Creative Solutions P C pass in A-level Mathematics or equivalent
FTE1015 Engineering Mathematics I P C pass in A-level Mathematics or equivalent
FTE1021 Engineering Fundamentals (Mechanics and Electricity) P FTE1013
FTE1022 Food Technology 3: Product Development P FTE1011, FTE1012, FTE1013, FTE1014, FTE1015
FTE1023 Programming for Engineering P FTE1015
FTE1024 Industrial Microbiology P FTE1011, FTE1012

Part Two
Compulsory modules/courses:

FTE2011 Chemical Energetics P FTE1011
FTE2012 Molecules to Materials P FTE1011, FTE1012
FTE2013 Technical Writing and Communication
FTE2014 Heat and Mass – Conservation and Transfer P FTE1021, FTE1023
FTE2015 Fluid Flow and Particle Technology P FTE1021, FTE1023
FTE2021 Food Technology 4: Manufacturing P FTE1012, FTE1021, FTE1023
FTE2022 Food Technology 5: Food Microbiology and Safety P FTE1024
FTE2023 Food Chemistry P FTE2011, FTE2012
FTE2024 Career and Professional Development
FTE2025 Engineering Maths 2 P FTE1023

The Degree of Bachelor of Food Technology BFoodTech

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part III

FTE2031 Food Technology 6: Food Characterisation P FTE2021, FTE2022, FTE2023
FTE2032 Food Formulation Technology P FTE2023
FTE2033 Nutrition and Food Choice P FTE2023
FTE2034 Statistical Modelling for Engineering and Technology P FTE2025

Part Three
Compulsory modules/courses:

FTE3011 Food Packaging Engineering and Legislation P FTE2014
FTE3012 Industrial Systems Improvement P FTE2015
FTE3021 Integrated Work Study Programme P FTE2024
FTE3031 Food Technology Project Preparation P FTE2022, FTE2034, FTE2031, FTE2032, FTE2033, FTE3013, FTE3014
FTE3032 Innovative Food Design & Development Preparation P FTE2031, FTE2032, FTE2034, FTE3013, FTE3011, FTE3012, FTE3021

Part Four
Compulsory modules/courses:

FTE 4012 Food Technology Project P FTE2022, FTE2034, FTE2031, FTE2032, FTE2033, FTE3013, FTE3014
FTE4021 Advanced Food Technology P FTE2031, FTE2032, FTE2034, FTE3013, FTE3011, FTE3012
FTE4022 Innovative Food Design and Development P FTE2031, FTE2032, FTE2034, FTE3013, FTE3011, FTE3012, FTE3021

An approved elective from:

141.755 Added-Value Processing of Food Products P 280.201 or 141.222 or 162.212 or 162.214, R 141.355
119.792 Special Topic
FTE4013 Crystallisation in Foods
FTE4014 Special Topic

Modules/Courses Total: 240 SIT credits/480 Massey University credits.

The Degree of Bachelor of Health Science BHlthSc

Qualification Requirements

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II
Admission
1. Admission to the Degree of Bachelor of Health Science requires that the candidate will meet the University admission requirements as specified.

Qualification Requirements
2. Candidates for the Degree of Bachelor of Health Science shall follow a flexible programme of study, which shall consist of courses totalling at least 360 credits, comprising:
   (a) not more than 165 credits at 100 level;
   (b) at least 75 credits at 300 level;
   And including:
   (c) the core courses listed in Schedule A for the Qualification courses;
   (d) at least one major;
   (e) at least 300 credits from the Schedule to the Qualification, including 75 credits at 300-level;
   (f) attending field trips, studios, workshops, tutorials and laboratories as required.
3. Notwithstanding Regulation 2(c), candidates completing the Degree of Bachelor of Health Science with a major in Psychology must substitute 175.203 Introduction to Psychological Research for core course 214.212 Research Methods in the Health Sciences.

**Specialisations**

4. Candidates may complete a major by passing at least 120 credits in a specialisation including at least 90 credits above 100 level of which at least 45 credits must be at 300 level. The requirements for each major are set out in Schedule B for the Qualification.

5. Notwithstanding Regulation 4, and at the discretion of Academic Board, students transferring from the Certificate in Public Health may have a personal course variation approved in excess of stated limits, to meet the requirements of the Bachelor of Health Science in Public Health through substitution of courses from Certificate.

6. Candidates may complete a double major by meeting the requirements of both majors, including at least 75 credits at 300 level.


*No new enrolments.

8. The following majors are offered in accordance with the transition Regulation 16: Human Health and the Environment, Māori Health, Sport and Exercise.

9. Candidates may include one or two minors in the degree of Bachelor of Health Science. The requirements for each minor are set out in Schedule B for the Qualification.


*No new enrolments.

11. A minor must include a minimum of 60 credits, including 45 credits above 100-level, of which at least 15 credits must be at 300 level.

(a) The minor(s) must be in a different subject area from the major(s).

(b) Where the minor is from another undergraduate degree the regulations of that programme for the minor will apply.

(c) No course may be credited to both a major and a minor.

**Completion Requirements**

12. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

13. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Diploma in Science and Technology should they meet the relevant Qualification requirements.

**Unsatisfactory Academic Progress**

14. The general Unsatisfactory Academic Progress regulations will apply.

**Transitional Provisions**

15. All candidates commencing study towards the Degree of Bachelor of Health Science on or after 1 January 2016 must satisfy the requirements specified in these regulations.

16. All candidates who commenced study towards the Degree of Bachelor of Health Science prior to 2016, and who have passed at least 60 credits whilst enrolled in the Degree of Bachelor of Health Science, may complete under the Degree of Bachelor of Health Science regulations in the 2015 Massey University Calendar (or earlier regulations) until the end of the 2019 academic year.

17. Candidates who commenced study towards the Degree of Bachelor of Health Science prior to 2016, but who have not completed at least 60 credits or who have not completed the qualification by the end of the 2019 academic year, must complete the degree in accordance with these regulations.

18. These transition arrangements expire at the end of 2019.

19. Subject to the Maximum time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, all candidates who enrolled in the Bachelor of Health Science prior to 1 January 2018 and have completed at least 15 credits from Schedule A may substitute a course or courses already taken for courses of the same level listed in Schedule A. All candidates who enrolled prior to 1 January 2018 and have completed at least 15 credits from one of the following majors/minors may substitute a course or courses already taken for a course or courses of the same level within the major and/or minor: Health and Ageing minor; Health Promotion major and minor; Integrated Human Health major; Public Health major and minor; Rehabilitation major and minor.

20. In all cases candidates must complete the qualification within the timeframes for completion as specified in the Completion Requirements.

**Schedule for the Degree of Bachelor of Health Science**

**Schedule A: Core Courses (120 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>214.101</td>
<td>Human Bioscience: Normal Body Function</td>
<td>15</td>
</tr>
<tr>
<td>231.106</td>
<td>Introduction to Public Health</td>
<td>15</td>
</tr>
<tr>
<td>250.100</td>
<td>Introduction to Communication in Health</td>
<td>15</td>
</tr>
<tr>
<td>250.205</td>
<td>Principles and Practice of Human Epidemiology</td>
<td>15</td>
</tr>
<tr>
<td>250.301</td>
<td>Systems Thinking for Health</td>
<td>15</td>
</tr>
<tr>
<td>250.331</td>
<td>Health of Communities</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>15 credits from:</td>
<td></td>
</tr>
<tr>
<td>250.231</td>
<td>Health and Health Inequalities</td>
<td>15</td>
</tr>
<tr>
<td>150.112</td>
<td>Haunora Tangata: Māori and Global Indigenous Health</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>15 credits from:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Either</td>
<td></td>
</tr>
<tr>
<td>214.212</td>
<td>Research Methods in the Health Sciences</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>Or (Psychology Major only):</td>
<td></td>
</tr>
<tr>
<td>175.203</td>
<td>Introduction to Psychological Research</td>
<td>15</td>
</tr>
</tbody>
</table>

**Schedule B: Specialisations**

**Community Nutrition Minor (60 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>214.131</td>
<td>Introduction to Food and Nutrition</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>R 141.101, 151.232, 151.344</td>
<td></td>
</tr>
<tr>
<td>214.231</td>
<td>Nutrition for Special Populations</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>P 214.131 or 231.106</td>
<td></td>
</tr>
<tr>
<td>214.331</td>
<td>Food Choice and Promotion</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>R 151.232, 151.334</td>
<td></td>
</tr>
<tr>
<td>214.334</td>
<td>Nutrition and Health in the 21st Century</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>R 151.333, 151.345</td>
<td></td>
</tr>
<tr>
<td>214.335</td>
<td>Food Politics</td>
<td>15</td>
</tr>
</tbody>
</table>

**Environmental Health Major (150 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>214.110</td>
<td>Introduction to Environmental Health and Housing</td>
<td>15</td>
</tr>
<tr>
<td>214.111</td>
<td>Chemistry in the Environment</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>R 123.103</td>
<td></td>
</tr>
<tr>
<td>214.209</td>
<td>Microbiology and Communicable Diseases</td>
<td>15</td>
</tr>
<tr>
<td>214.213</td>
<td>Toxic Substances, Human Health and the Environment</td>
<td>15</td>
</tr>
<tr>
<td>214.215</td>
<td>Food Safety and Human Health</td>
<td>15</td>
</tr>
<tr>
<td>214.216</td>
<td>Environmental and Public Health Law</td>
<td>15</td>
</tr>
<tr>
<td>214.312</td>
<td>Environmental Monitoring and Investigative Methods</td>
<td>15</td>
</tr>
<tr>
<td>214.314</td>
<td>Water and Waste Treatment</td>
<td>15</td>
</tr>
<tr>
<td>214.316</td>
<td>Bio-Physical Effects of Noise and Vibration</td>
<td>15</td>
</tr>
</tbody>
</table>
### Environmental Health Minor (60 credits)

- 214.110 Introduction to Environmental Health and Housing 15
- 214.209 Microbiology and Communicable Diseases 15
- 214.215 Food Safety and Human Health 15
- 214.216 Environmental and Public Health Law 15
- 214.314 Water and Waste Treatment 15
- 214.316 Bio-Physical Effects of Noise and Vibration 15

### Ergonomics/Human Factors Minor (60 credits)

**Compulsory courses (45 credits):**

- 251.100 Work and Health 15
- 128.200 Healthy Workplace Design 15
- 128.300 Ergonomics/Human Factors: Work, Performance, Health and Design 15

**Elective courses:**

- 251.271 Occupational Health and Safety I 15
- 251.272 Occupational Health and Safety II 15
- 252.201 Sleep, Circadian Rhythms, and Shift Work 15
- 214.302 Intervention and Prevention Strategies in Health 15
- 251.372 Occupational Hygiene 15

### Health and Ageing Minor (60 credits)

No new enrolments from 2018.

### Health Promotion Major (120 credits)

**Compulsory courses (75 credits):**

- 231.107 Social Determinants of Health 15
- 231.200 Theories and Models of Health Promotion 15
- 231.306 Public Health Evaluation 15
- 231.307 Intervention Research and Design 15
- 231.308 Health Promotion Advocacy 15

**15 credits from:**

- 150.201 Te Kawanata o Waitangi: The Treaty of Waitangi in New Zealand Society 15
- 150.202 Hauora Tangata: Māori Health Foundations 15

**Elective courses:**

- 231.105 An Introduction to New Zealand’s Health Systems 15
- 231.201 Global Health Promotion 15
- 179.230 The Wellbeing of Pacific Peoples in New Zealand 15
- 175.317 Health Psychology 15

### Health Promotion Minor (60 credits)

**Compulsory course (15 credits):**

- 231.107 Social Determinants of Health 15

### Human Physiology Minor (60 credits)

- 194.101 Essentials of Mammalian Biology 15
- 194.241 Physiological Control Systems 15
- 194.242 Physiology of Mammalian Organ Systems 15
- 194.350 Human Lifecycle Physiology 15

### Integrated Human Health Major (120 credits)

**Compulsory courses (90 credits):**

- 214.102 Applied Sciences for Health Professionals 15
- 214.201 Human Biosciences: Impaired Body Function 15
- 234.226 Physiological Aspects of Exercise and Health I 15
- 252.201 Sleep, Circadian Rhythms and Shift Work 15
- 231.307 Intervention, Research and Design 15
- 231.310 Health in Action 15

**15 credits from:**

- 214.231 Nutrition for Special Populations 15
- 234.225 Nutrition for Sport, Exercise and Health 15

**15 credits from:**

- 214.331 Food Choice and Nutrition Promotion 15
- 214.333 Interaction Between Genes, Environment and Health 15
- 214.334 Nutrition and Health in the 21st Century 15
- 214.335 Food Politics 15
- 234.326 Physiological Aspects of Exercise and Health II 15
- 252.301 Sleep, Health and Performance 15

### Integrated Human Health Minor (60 credits)

**Compulsory courses (45 credits):**

- 214.102 Applied Sciences for Health Professionals 15
- 214.201 Human Biosciences: Impaired Body Function 15
- 231.307 Intervention, Research and Design 15

**Elective courses:**

- 214.231 Nutrition for Special Populations 15
- 234.225 Nutrition for Sport, Exercise and Health 15
- 234.226 Physiological Aspects of Exercise and Health I 15
- 252.201 Sleep, Circadian Rhythms and Shift Work 15
Mental Health Minor (60 credits)

147.102 Mental Health and Society 15
147.202 Mental Health Policy and Practice 15 P 147.102
147.302 Alcohol and Drug Use 15
147.317 Disability in Society 15 P 250.317

Occupational Safety and Health Major (120 credits)
Compulsory courses (105 credits):

251.100 Work and Health 15
114.240 Organisational Behaviour 15
251.271 Occupational Health and Safety I 15
251.272 Occupational Health and Safety II 15
251.370 Health and Safety Auditing 15
251.372 Occupational Hygiene 15
251.374 Project in Occupational Health and Safety 15

15 credits from:

128.300 Ergonomics/Human Factors: Work, Performance, Health and Design 15

Occupational Safety and Health Minor (60 credits)

251.100 Work and Health 15
251.271 Occupational Health and Safety I 15
251.272 Occupational Health and Safety II 15

15 credits from:

251.375 Special Topic in Occupational Health and Safety 15
128.300 Ergonomics/Human Factors: Work, Performance, Health and Design 15

Psychology Major (120 credits)
Compulsory courses (30 credits)

175.101 Psychology as a Social Science 15
175.102 Psychology as a Natural Science 15

30 credits from:

175.201 Social Psychology 15
175.205 Brain and Behaviour 15 P 175.102
175.206 Memory and Cognition 15 P 175.102
175.210 Nga Tirohanga Rua o te Taha Hinengaro: Bicultural Perspectives in Psychology 15 R 175.312

60 credits from:

175.301 Community Psychology 15 P 175.203
175.302 Abnormal and Therapeutic Psychology 15 P 175.203
175.303 The Practice of Psychological Research 15 P 175.203
175.308 Assessment of Individual Differences 15 P 175.203
175.309 Forensic Psychology 15 P 175.203
175.311 Psychology of Women 15 P 175.203
175.317 Health Psychology 15 P 175.203
175.318 Experimental Psychology 15 P 175.203; P/C 175.205, 175.206
175.345 Organisational Psychology 15 P 175.203

Psychology Minor (75 credits)

175.102 Psychology as a Natural Science 15

15 credits from 300 level, 15 credits from above 100 level, 30 credits from any level from the above Schedule.

Public Health Major (120 credits)
No new enrolments from 2018
Compulsory courses (75 credits):

231.107 Social Determinants of Health 15
231.108 Health Intervention Management 15
214.209 Microbiology and Communicable Diseases 15
214.317 Environmental Health 15
231.307 Intervention Research and Design 15 P 250.201 or 231.302

15 credits from:

150.201 Te Kavenata o Waitangi: The Treaty of Waitangi in New Zealand Society 15 R 269.274
150.202 Hauora Tangata: Māori Health Foundations 15 P Any 100-level BA course

Elective courses:

179.230 The Wellbeing of Pacific Peoples in New Zealand 15
147.302 Alcohol and Drug Use 15
231.302 Contemporary Issues in Public Health 15 P 250.131, 231.105, 231.205
147.317 Disability in Society 15 R 250.317

Public Health Minor (60 credits)

231.107 Social Determinants of Health 15
150.201 Te Kavenata o Waitangi: The Treaty of Waitangi in New Zealand Society 15 R 269.274
150.202 Hauora Tangata: Māori Health Foundations 15 P Any 100-level BA course

Rehabilitation Major (120 credits)
Compulsory courses:

147.101 Rehabilitation Studies 15
147.201 Issues in Rehabilitation 15
147.303 Case Management and Rehabilitation Counselling 15 P 147.101 or 147.201
147.102 Mental Health and Society 15
147.202 Mental Health Policy and Practice 15 P 147.102
147.302 Alcohol and Drug Use 15
147.317 Disability in Society 15 R 250.317
147.333 Health and Ageing 15 R 250.333

Rehabilitation Minor (60 credits)

147.101 Rehabilitation Studies 15
147.201 Issues in Rehabilitation 15
147.303 Case Management and Rehabilitation Counselling 15 P 147.101 or 147.201
147.317 Disability in Society 15 R 250.317
147.333 Health and Ageing 15 R 250.333
Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Degree of Bachelor of Information Sciences requires that the candidate will meet the University admission requirements as specified.

Qualification Requirements

2. Candidates for the Degree of Bachelor of Information Sciences shall follow a flexible programme of study, which shall consist of courses totalling at least 360 credits, comprising:
   (a) not more than 165 credits at 100 level;
   (b) at least 75 credits at 300 level;
   and including:
   (c) core courses as set out in Schedule A for the Qualification;
   (d) at least 15 credits, and no more than 30 credits, of capstone courses as listed in Schedule B for the Qualification;
   (e) at least one major or joint major;
   (f) attending field trips, workshops, tutorials and laboratories as required.

3. Candidates who, in the opinion of the Academic Board, have passed with sufficient merit an NZQF recognised Level 6 diploma in a relevant subject, or equivalent, may be granted specified or unspecified credit not exceeding a total of 240 credits. The credit granted will be determined by Academic Board after taking into account the areas of study, the quantum of study and the standard of pass attained.

Specialisations

4. Candidates may complete a major by fulfilling the requirements for a major or joint major as set out in Schedule C for the Qualification.

5. Majors available are: Computer Science, Data Science, Information Technology and Information Systems.

6. Joint Major available is Software Engineering.

7. Candidates may complete a double major in the qualification subject to the following:
   (a) the qualification requirements regarding core courses and capstone courses are met;
   (b) the requirements of both majors are met;
   (c) a joint major may not be included as part of a double major.

8. Candidates may include one or two minors in the qualification subject to the following:
   (a) a minor must include a minimum of 60 credits in a subject with at least 45 credits above 100 level and at least 15 credits at 300 level;
   (b) the minor(s) must be in a different subject area from the major;
   (c) no course may be credited to both a major and a minor or to two minors;
   (d) minors may be included from any undergraduate degree within the University for which recognised minors are specified;
   (e) where a minor is from another undergraduate degree the regulations of that programme for the minor will apply.

9. Minors available within the Degree of Bachelor of Information Sciences are: Business, Computer Science, Data Science, Information Technology, and Information Systems; the requirements for which are specified in Schedule C for the Qualification.

Completion Requirements

10. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

11. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded either the Certificate in Science and Technology or the Diploma in Science and Technology should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

12. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions

13. All candidates commencing study towards the Degree of Bachelor of Information Sciences on or after 1 January 2017 must satisfy the requirements specified in these regulations.

14. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, all candidates who commenced study towards the Bachelor of Information Sciences prior to 1 January 2017 may be permitted course substitution beyond the normal limits.

15. In all cases candidates must complete the qualification within the timeframes for completion as specified in the Completion Requirements.

16. These transition arrangements expire on 31 December 2021.

Schedules for the Qualification

Schedule A: Core Courses

15 credits from:

- 247.177 Written Communication for Information Sciences 15 R 119.155, 139.107, 139.177, 230.100, 247.155
- 192.102 Academic Writing in English for Speakers of Other Languages 15

15 credits from:

- 161.101 Statistics for Business 15 R 115.101, 161.100, 161.110, 161.120, 161.130, 161.140
- 161.120 Introductory Statistics 15 R 115.101, 161.100, 161.101, 161.110, 161.120, 161.130, 161.140
- 161.130 Introductory Biostatistics 15 R 161.100, 161.101, 161.110, 161.120, 161.140, 115.101, 195.101
- 161.140 Agri-Statistics 15 R 115.101, 161.100, 161.101, 161.120, 161.130, 195.101

15 credits from:

- 159.101 Programming Fundamentals 15
- 159.171 Computational Thinking and Software Development 15

15 credits from:

- 158.345 Professionalism in the Information Sciences 15 P 157.2xx or 158.2xx or 159.2xx

Schedule B: Capstone Courses

At least 15 credits and no more than 30 credits from:

- 152.399 Integrative Management 15 P Any 114.3xx or 152.3xx or 157.3xx course
- 158.383 Information Technology Project 15 P 159.101 or 159.171 and three of 159.212, 158.225, 158.235, 158.258, 158.244, 158.247; R 158.329
- 159.333 Programming Project 15 P Three of 159.201, 159.202, 159.233, 159.234, 159.235; R 159.381 and 159.382
- 159.356 Software Engineering Capstone Project 15 P 159.352
- 247.310 ICT Industry Engagement Project 30 P Three of 157.2xx (B) 158.2xx (B), 159.2xx (B)
Schedule C: Specialisations

Computer Science Major (135 credits)

Compulsory courses (30 credits):
15 credits from:
160.102 Linear Mathematics 15 R 160.112, 160.133, 228.172

160.103 Introductory University Mathematics 15 A student who has passed 160.131, 160.132, 160.133, 160.101, 160.111, 160.112, 228.171 or 228.172 may not be also credited with a pass in 160.103 that is obtained in either the same or a subsequent examination period.


160.133 Process in Mathematics 15 P 160.132 or 160.111 or 228.171 or 160.101 or 160.102 or 160.103 or A- or better in 160.131; R 160.112, 228.172; both of 160.101, 160.102. And, 160.133 may not be taken at the same time as any of 160.101, 160.102 or 160.111.

15 credits from:
159.102 Computer Science Fundamentals 15 P 159.101; R 159.172
159.103 Introduction to Games Programming and Simulation 15 P 159.101
159.172 Computational Thinking and Algorithms 15 P 159.171 or 159.101; R 159.102

Specialisation courses (105 credits):
60 credits from:
159.201 Algorithms and Data Structures 15 P 159.101, 159.102; R 159.271
159.202 Declarative Programming 15 P 159.101, 159.102; R 159.272
159.233 Computer Architecture 15 P 159.101, 159.102; R 159.253
159.234 Object-Oriented Programming 15 P 159.101 and 159.102; R 159.270
159.235 Graphical Programming 15 P 159.101, 159.102
159.251 Software Engineering Design and Construction 15 P 159.101 and 159.102 or 159.272; R 159.351
159.253 Computer Systems 15 P 159.1x1, 159.1x2; R 159.233
159.270 Hardware-Oriented Computing 15 P 159.102 or 159.172; R 159.234
159.271 Computational Thinking for Problem Solving 15 P 159.1x1, 159.1x2; R 159.201
159.272 Programming Paradigms 15 P 159.1x1, 159.1x2; R 159.202, 159.234

45 credits from:
159.302 Artificial Intelligence 15 P 159.201 or 159.202 or 159.211
159.331 Algorithms and Languages 15 P 159.201, 159.202
159.334 Computer Networks 15 P 159.201 or 159.234; R 159.354
159.335 Concurrent Programming and Operating Systems 15 P 159.201; R 159.355
159.336 Mobile Application Development 15 P 159.234 or 159.272
159.339 Internet Programming 15 P 159.201 or 159.234; R 159.359
159.352 Advanced Web Development 15 P 159.272 and 158.252 or 158.258; R 159.339, 159.359
159.354 Data Communication Networks 15 P 159.270 or 159.271; R 159.334, 281.375
159.355 Concurrent Systems 15 P 159.201 or 159.272; R 159.335
159.360 Programming for Computer Graphics 15 P (159.270 or 159.271 or 159.272) and 160.1xx; R 159.235, 159.360
159.372 Intelligent Machines 15 P 159.271 or 159.272; R 159.302

Computer Science Minor (75 credits)
[159.101 and 159.102] or [159.171 and 159.172]; at least 45 credits from courses numbered 159.2xx and 159.3xx from the schedule for the major above, including at least 15 credits from courses numbered 159.3xx.

Data Science Major (150 credits)
Compulsory courses (105 credits):
159.102 Computer Science Fundamentals 15 P 159.101; R 159.172

159.222 Data Wrangling and Machine Learning 15 P (159.1x1 and 159.1x2) and 161.1xx
159.201 Algorithms and Data Structures 15 P 159.101 and 159.102, R 159.271
158.333 Applied Machine Learning and Data Visualisation 15 P 158.222
158.337 Database Development 15 P 157.2xx or 158.2xx or 159.2xx; R 157.331, 158.247
159.302 Artificial Intelligence 15 P 159.201 or 159.202 or 159.211

Specialisation courses (45 credits):
30 credits from:
160.211 Linear Algebra 15 P 160.102 or 160.112 or 160.133 or 228.172
161.220 Data Analysis 15 P One of 115.101, 161.100–161.130; R 161.250
161.221 Applied Linear Models 15 P One of 115.101 or 161.100–161.130; R 161.320
161.250 Data Analysis for Biologists 15 P 115.101 or 161.100–161.130, R 161.220

15 credits from:
161.323 Multivariate Analysis 15 P 161.2xx
161.324 Data Mining 15 P 161.220 or 161.221 or 161.250; R 161.223, 161.777

Data Science Minor (75 credits)
159.102, 158.222, 158.333; 15 credits from [161.100–161.140]; 15 credits from [160.211, 161.220, 161.221, 161.250].

Information Systems Major (135 credits)
Specialisation courses (135 credits):
30 credits from:
157.150 Management Information Systems 15 R 157.100, 115.107
158.100 Computer Applications and the Information Age 15
158.120 Fundamentals of Information Technology 15

200-level courses (60 credits):
45 credits or 60 credits from:
157.216 Management, Analytics and Decision Making 15
157.240 Social Media Networks for Business 15
157.241 Technology Trends for Organisations 15 P 157.150 or 157.107 or 158.1xx or 159.1xx; R 157.242
158.244 System Management and Testing 15 P 115.107 or 157.1xx or 158.1xx or 159.1xx

Not more than 15 credits from:
152.233 Fundamentals of Entrepreneurship and Innovation 15
152.234 Business Model Innovation 15
158.258 Web Development 15 P 158.1xx or 159.1xx

300-level courses (45 credits):
30 credits or 45 credits from:
157.340 Organisational Knowledge Management 15 P 114.2xx or 152.2xx or 157.2xx or 158.2xx or 159.2xx
Information Systems Minor (75 credits)
At least 30 credits from 157.1xx, 158.1xx, 159.1xx; at least 45 credits from courses numbered 157.2xx and 157.3xx from the schedule for the major, including at least 15 credits from courses numbered 157.3xx.

Information Technology Major (135 credits)
Specialisation courses (135 credits):

30 credits from:
- 157.150 Management Information Systems
- 158.100 Computer Applications and the Information Age
- 158.120 Fundamentals of Information Technology

200-level courses (60 credits):
45 credits or 60 credits from:
- 158.212 Application Software Development
- 158.225 Systems Analysis and Modelling
- 158.235 Networks, Security and Privacy
- 158.244 System Management and Testing
- 158.247 Database Design
- 158.258 Web Development

No more than 15 credits from:
- 157.216 Management, Analytics and Decision Making
- 157.240 Social Media Networks for Business
- 157.241 Technology Trends for Organisations

300-level courses (45 credits):
30 credits or 45 credits from:
- 158.326 Software Architecture
- 158.335 The Internet of Things and Cloud Computing
- 158.337 Database Development
- 158.347 Database Paradigms
- 158.359 User Experience Design

No more than 15 credits from:
- 157.340 Organisational Knowledge Management
- 157.350 Technology Governance and Risk Management
- 157.394 Managing Technology Projects and Programmes

Information Technology Minor (75 credits)
At least 30 credits from 157.1xx, 158.1xx, 159.1xx; at least 45 credits from courses numbered 158.2xx and 158.3xx from the schedule for the major, including at least 15 credits from courses numbered 158.3xx.

Software Engineering Joint Major (195 credits)
Specialisation courses (195 credits)

15 credits from:
- 160.101 Calculus I
- 160.102 Linear Mathematics
- 160.103 Introductory University Mathematics

15 credits from:
- 159.102 Computer Science Fundamentals
- 159.103 Introduction to Games Programming and Simulation
- 159.172 Computational Thinking and Algorithms

45 credits from:
- 158.212 Application Software Development
- 158.222 Data Wrangling and Machine Learning
- 158.225 Systems Analysis and Modelling
- 158.235 Networks, Security and Privacy
- 158.244 System Management and Testing
- 158.247 Database Design
- 158.258 Web Development

45 credits from:
- 159.201 Algorithms and Data Structures
- 159.202 Declarative Programming
- 159.233 Computer Architecture
- 159.234 Object-Oriented Programming
- 159.235 Graphical Programming
- 159.251 Software Engineering Design and Construction
- 159.253 Computer Systems
- 159.270 Hardware-Oriented Computing
- 159.271 Computational Thinking for Problem Solving
- 159.272 Programming Paradigms

Back to Contents
30 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>158.326</td>
<td>Software Architecture</td>
<td>15</td>
</tr>
<tr>
<td>158.333</td>
<td>Applied Machine Learning and Data Visualisation</td>
<td>15</td>
</tr>
<tr>
<td>158.335</td>
<td>The Internet of Things and Cloud Computing</td>
<td>15</td>
</tr>
<tr>
<td>158.337</td>
<td>Database Development</td>
<td>15</td>
</tr>
<tr>
<td>158.347</td>
<td>Database Paradigms</td>
<td>15</td>
</tr>
</tbody>
</table>

30 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>158.359</td>
<td>User Experience Design</td>
<td>15</td>
</tr>
<tr>
<td>159.302</td>
<td>Artificial Intelligence</td>
<td>15</td>
</tr>
<tr>
<td>159.331</td>
<td>Algorithms and Languages</td>
<td>15</td>
</tr>
<tr>
<td>159.333</td>
<td>Computer Networks</td>
<td>15</td>
</tr>
<tr>
<td>159.335</td>
<td>Concurrent Programming and Operating Systems</td>
<td>15</td>
</tr>
<tr>
<td>159.336</td>
<td>Mobile Application Development</td>
<td>15</td>
</tr>
<tr>
<td>159.339</td>
<td>Internet Programming</td>
<td>15</td>
</tr>
<tr>
<td>159.352</td>
<td>Advanced Web Development</td>
<td>15</td>
</tr>
</tbody>
</table>

30 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>159.106</td>
<td>Ngā Hanga Whakairo: Traditional Māori Visual Art</td>
<td>15</td>
</tr>
<tr>
<td>159.107</td>
<td>Mata Puare: Studio IA</td>
<td>30</td>
</tr>
<tr>
<td>159.108</td>
<td>Mata Puare: Studio IB</td>
<td>45</td>
</tr>
</tbody>
</table>

159.354 | Data Communication Networks                      | 15     |
| 159.355 | Concurrent Systems                               | 15     |
| 159.360 | Programming for Computer Graphics                | 15     |
| 159.372 | Intelligent Machines                             | 15     |

Business Minor (60 credits)

Compulsory courses (30 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>125.230</td>
<td>Business Finance</td>
<td>15</td>
</tr>
<tr>
<td>152.233</td>
<td>Fundamentals of Entrepreneurship and Innovation</td>
<td>15</td>
</tr>
</tbody>
</table>

15 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>114.241</td>
<td>Principles of Human Resources Management</td>
<td>15</td>
</tr>
<tr>
<td>156.200</td>
<td>Marketing for Non-Marketers</td>
<td>15</td>
</tr>
</tbody>
</table>

15 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>152.336</td>
<td>Leadership Practice</td>
<td>15</td>
</tr>
<tr>
<td>152.350</td>
<td>Strategic Management and Governance</td>
<td>15</td>
</tr>
</tbody>
</table>

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Admission

1. Admission to Part I of the Bachelor of Māori Visual Arts will conform to the normal requirements and procedures of the University and will be based partly on the assessment of a portfolio of work submitted by the candidate.

Programme of study

2. The Bachelor of Māori Visual Arts degree consists of four parts, each containing 120 credits.

3. The degree of Bachelor of Māori Visual Arts may be awarded with or without Honours. A candidate who has fulfilled the requirements prescribed in the Regulations and whose work has been of a sufficiently high standard may be recommended by the Academic Board for admission to the degree with First or Second Class Honours. Candidates awarded Second Class Honours shall be listed in Division I or Division II.

4. The following Schedule sets out parts, course numbers and credit values applying to courses offered for the degree of Bachelor of Māori Visual Arts.

Schedule to the Degree of Bachelor of Māori Visual Arts

Part I

(At least 120 credits required.)

Compulsory:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.106</td>
<td>Ngā Hanga Whakairo: Traditional Māori Visual Art</td>
<td>15</td>
</tr>
<tr>
<td>150.107</td>
<td>Mata Puare: Studio IA</td>
<td>30</td>
</tr>
<tr>
<td>150.108</td>
<td>Mata Puare: Studio IB</td>
<td>45</td>
</tr>
</tbody>
</table>

300.110 | Te Reo Whakahaoaha: Socialising in Te Reo        | 15     |

or

300.111 | Te Reo Kōnakinaki: Developing Te Reo              | 15     |

Electives:

Any one of the following courses or another course approved by the Head of School.

146.101 | Introductory Social Anthropology                 | 15     |
| 150.114 | He Tirohanga o Mua: Māori Custom, Lore and Economics | 15 |
| 154.101 | Introduction to Media Studies                    | 15     |

Part II

(At least 120 credits required.)

Compulsory:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.206</td>
<td>Ngā Momo Whakairo: Contemporary Māori Visual Art</td>
<td>15</td>
</tr>
<tr>
<td>150.207</td>
<td>Mata Oho: Studio IIA</td>
<td>30</td>
</tr>
<tr>
<td>150.208</td>
<td>Mata Oho: Studio IIB</td>
<td>45</td>
</tr>
</tbody>
</table>

300.111 | Te Reo Kōnakinaki: Developing Te Reo              | 15     |

or

300.210 | Te Reo Kōrerorero: Discussing in Te Reo           | 15     |

Electives:

Any one of the following courses or another course approved by the Head of School.

146.206 | Visual Ethnography                               | 15     |
| 150.213 | Tikanga-ā-Iwi: Tribal Development                | 15     |

plus either

150.354 | Data Communication Networks                      | 15     |
| 159.355 | Concurrent Systems                               | 15     |
| 159.360 | Programming for Computer Graphics                | 15     |

plus either

159.372 | Intelligent Machines                             | 15     |

The Degree of Bachelor of Māori Visual Arts

BMVA
Part III
(A at least 120 credits required.)
Compulsory:

- 150.201 Te Kāvenaotū o Waitangi: Te Treaty of Waitangi in New Zealand
- 150.307 Mata: Studio IIIA

The Degree of Bachelor of Medical Laboratory Science BMLSc

No new enrolments from 2017

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

The Bachelor of Medical Laboratory Science consists of two parts, being a pre-selection phase followed by the professional phase.

1. Admission to the Pre-selection Phase of the Bachelor of Medical Laboratory Science requires that the candidate will meet the University admission requirements as specified.

2. Entry to the Professional Phase is by selection in accordance with criteria established by the Medical Laboratory Science Examinations Sub-Committee, which will include consideration of Grade (Point) Average across the best 7 courses for the pre-selection phase.

3. Candidates must make application to be considered for selection.

Qualification Requirements

4. Candidates for the Degree of Bachelor of Medical Laboratory Science shall follow a parts-based programme of study, which shall consist of courses totalling at least 480 credits, comprising:

   (a) a first part, second part, third part, and fourth part; the courses for each part are prescribed in the Schedule to the Degree;

   And including

   (b) attending tutorials, laboratories, and practica as required;

   (c) successful completion of two placements.

Specialisations

5. The Bachelor of Medical Laboratory Science is awarded without specialisations.

Academic Requirements

6. Every candidate for the Degree of Bachelor of Medical Laboratory Science shall perform to the satisfaction of the Academic Board, approved practical work of 900 hours over 2 placements of 15 weeks duration in approved Medical Laboratories, in accordance with the requirements of the following courses:

   (a) 202.471 Advanced Haematology;

   (b) 202.472 Advanced Transfusion Science;

   (c) 202.473 Advanced Histological Technique;

   (d) 202.476 Human Cytogenetics;

   (e) 202.477 Immunology and Virology;

   (f) 202.478 Advanced Clinical Biochemistry;

   (g) 202.479 Diagnostic Medical Microbiology.

Placements will be allocated in consideration of subject preference, availability, Grade (Point) Average, and may include an interview and selection.

A pass in each course is conditional upon satisfactory completion of practical work in accordance with the conditions approved by the Medical Laboratory Science Programme Committee.

Student Progression

7. The Academic Board may, under such conditions as it may determine and taking into account the recommendations of the examiners, permit a candidate to progress from Part One to Two, Two to Three, and Three to Four through the award of a Combined Results Pass.

8. Candidates may not proceed to Part Four until all prior Parts have been successfully completed.

9. In cases of sufficient academic merit over the Third and Fourth Parts, the Bachelor of Medical Laboratory Science may be awarded with distinction.

Completion Requirements

10. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

11. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Bachelor of Science (Biological Sciences) should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

12. For candidates enrolled in the Degree of Bachelor of Medical Laboratory Science, the following will lead to exclusion from the qualification:

   (a) failure to obtain a pass in a compulsory 200- or 300-level course in which they have been enrolled on two occasions;

   (b) failure of the practical work component in one or more of the 400-level courses.

13. Persons excluded under clause 12(b) will only be re-admitted to the Bachelor of Medical Laboratory Science with approval of Academic Board under such conditions as it may determine.

Transitional Provisions

14. Candidates who have been awarded Restricted passes prior to the commencement of the 2017 academic year may credit a maximum of 45 credits of Restricted passes to the Qualification across the 100-, 200-, and 300-levels. No Restricted passes may be credited at 400-level.
Schedule for the Bachelor of Medical Laboratory Science

Pre-Selection Phase

Part One (120 credits)

List A

Compulsory:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>247.155</td>
<td>Communication in the Sciences</td>
<td>15</td>
</tr>
<tr>
<td>122.102</td>
<td>Biochemistry of Cells</td>
<td>15</td>
</tr>
<tr>
<td>123.101</td>
<td>Chemistry and Living Systems</td>
<td>15</td>
</tr>
<tr>
<td>161.130</td>
<td>Introductory Biostatistics</td>
<td>15</td>
</tr>
<tr>
<td>162.101</td>
<td>Biology of Cells</td>
<td>15</td>
</tr>
<tr>
<td>194.101</td>
<td>Essentials of Mammalian Biology</td>
<td>15</td>
</tr>
</tbody>
</table>

List B

Highly recommended:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>123.102</td>
<td>Chemistry and the Material World</td>
<td>15</td>
</tr>
</tbody>
</table>

List C

Electives:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>124.111</td>
<td>Physics for Life Sciences</td>
<td>15</td>
</tr>
<tr>
<td>158.100</td>
<td>Computer Applications and the Information Age</td>
<td>15</td>
</tr>
<tr>
<td>160.101</td>
<td>Calculus I</td>
<td>15</td>
</tr>
<tr>
<td>160.102</td>
<td>Linear Mathematics</td>
<td>15</td>
</tr>
<tr>
<td>160.103</td>
<td>Introductory University Mathematics</td>
<td>15</td>
</tr>
<tr>
<td>160.111</td>
<td>Mathematics 1A</td>
<td>15</td>
</tr>
<tr>
<td>160.132</td>
<td>Concepts in Mathematics</td>
<td>15</td>
</tr>
</tbody>
</table>

Part Two (120 credits)

Electives:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>122.231</td>
<td>Introductory Biology of Cells</td>
<td>15</td>
</tr>
<tr>
<td>122.233</td>
<td>Biochemistry of Cells</td>
<td>15</td>
</tr>
<tr>
<td>162.211</td>
<td>Introductory Biostatistics</td>
<td>15</td>
</tr>
<tr>
<td>162.283</td>
<td>Medical Microbiology</td>
<td>15</td>
</tr>
<tr>
<td>194.241</td>
<td>Physiology of Mammalian Organ Systems</td>
<td>15</td>
</tr>
<tr>
<td>194.242</td>
<td>Physiology of Mammalian Organ Systems</td>
<td>15</td>
</tr>
<tr>
<td>160.132</td>
<td>Introductory Biology of Cells</td>
<td>15</td>
</tr>
<tr>
<td>160.111</td>
<td>Introductory Chemistry</td>
<td>15</td>
</tr>
<tr>
<td>124.100</td>
<td>Introductory Chemistry</td>
<td>15</td>
</tr>
<tr>
<td>122.101</td>
<td>Introductory Physics of Mammalian Organ Systems</td>
<td>15</td>
</tr>
</tbody>
</table>

Part Three (120 credits)

Electives:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>202.382</td>
<td>Clinical Biochemistry</td>
<td>15</td>
</tr>
<tr>
<td>162.384</td>
<td>Advanced Medical Microbiology</td>
<td>15</td>
</tr>
<tr>
<td>162.389</td>
<td>Immunology</td>
<td>15</td>
</tr>
<tr>
<td>202.372</td>
<td>Histological Technique and Medical Cytology</td>
<td>15</td>
</tr>
<tr>
<td>202.381</td>
<td>Haematology</td>
<td>15</td>
</tr>
<tr>
<td>202.382</td>
<td>Transfusion Science</td>
<td>15</td>
</tr>
<tr>
<td>203.300</td>
<td>DNA Technology</td>
<td>15</td>
</tr>
</tbody>
</table>

Part Four (120 credits)

Electives:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>202.471</td>
<td>Advanced Haematology</td>
<td>60</td>
</tr>
<tr>
<td>202.472</td>
<td>Advanced Transfusion Science</td>
<td>60</td>
</tr>
<tr>
<td>202.473</td>
<td>Advanced Histological Technique</td>
<td>60</td>
</tr>
<tr>
<td>202.476</td>
<td>Human Cytogenetics</td>
<td>60</td>
</tr>
<tr>
<td>202.477</td>
<td>Immunology and Virology</td>
<td>60</td>
</tr>
<tr>
<td>202.478</td>
<td>Advanced Clinical Biochemistry</td>
<td>60</td>
</tr>
<tr>
<td>202.479</td>
<td>Diagnostic Medical Microbiology</td>
<td>60</td>
</tr>
</tbody>
</table>

The Degree of Bachelor of Natural Sciences

BNatSc

No new enrolments from 2018

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Degree of Bachelor of Natural Sciences requires that the candidate will have:
(a) met the University admission requirements as specified; and
(b) have achieved at least 16 credits in each of two of NCEA Level 3 Biology, Chemistry, Physics, Mathematics; or
(c) have achieved a minimum B grade at A level in two of Biology, Chemistry, Physics, Mathematics in the University of Cambridge International Examinations; or
(d) have achieved at least 29 points including five points in each of two of Biology, Chemistry, Physics, Mathematics in the International Baccalaureate; or
(e) passed with a minimum C grade two of 162.103 Introductory Biology, or 123.103 Introductory Chemistry, or 124.100 Introductory Physics; or
(f) have achieved to an equivalent level as in Regulations 1(b) to (e) in an alternative examination; or
(g) have achieved 16 credits at Merit or Excellence in each of five subjects in NCEA Level 3; or
(h) have achieved a B grade average across previous University study.

Qualification Requirements

2. Candidates for the Degree of Bachelor of Natural Sciences shall follow a parts-based programme of study, which shall consist of courses totalling at least 360 credits, comprising:
(a) completion of Parts One, Two, and Three;
(b) not more than 165 credits at 100 level;
(c) at least 75 credits at 300 level.

And including:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.133</td>
<td>Processes in Mathematics</td>
<td>15</td>
</tr>
<tr>
<td>199.101</td>
<td>Biology of Animals</td>
<td>15</td>
</tr>
</tbody>
</table>

Any other course offered by the University.
The Degree of Bachelor of Nursing BN

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Degree of Bachelor of Nursing requires that the candidate will:
   (a) meet the University admission requirements as specified;
   (b) have achieved 14 credits or more at NCEA Level 3 or higher in at least one of the following subjects: biology, chemistry, or physics;
   (c) hold a current First Aid Certificate from an approved provider;
   (d) meet Health Clearance and Police Vetting requirements as specified by the Academic Board or their delegate;
   (e) meet the requirements for registration as a nurse in New Zealand as set down by the Nursing Council of New Zealand in terms of good character and fitness to be a nurse;
   (f) have achieved an IELTS of 6.5 with no band less than 6.5 within the preceding three months, if English is not the applicant’s first language and the language of instruction in previous schooling is not English; and
   (g) be selected into the programme on the basis of a selection process which include a written application, and may include an interview and practical exercises as determined by the Academic Board or their delegate.

Qualification Requirements

2. Candidates for the Degree of Bachelor of Nursing shall follow a part-based programme of study, which shall consist of courses totalling at least 360 credits, comprising:
   (a) Part One, Part Two, and Part Three, as defined by the Schedule to the Qualification;
   and including:
   (b) the compulsory courses listed in the Schedule for the Qualification; and
   (c) attending contact workshops, block courses, field trips, workshops, tutorials, laboratories, and clinical experiences as required.

Schedule for the Bachelor of Natural Sciences

Part One (120 credits)

Compulsory courses (60 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>123.101</td>
<td>Chemistry and Living Systems</td>
<td>15</td>
</tr>
<tr>
<td>124.111</td>
<td>Physics for Life Sciences</td>
<td>15</td>
</tr>
<tr>
<td>246.101</td>
<td>Science and Sustainability</td>
<td>15</td>
</tr>
<tr>
<td>246.102</td>
<td>Core Skills for Natural Scientists</td>
<td>15</td>
</tr>
</tbody>
</table>

15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>120.101</td>
<td>Biology of Plants</td>
<td>15</td>
</tr>
<tr>
<td>162.101</td>
<td>Biology of Cells</td>
<td>15</td>
</tr>
<tr>
<td>199.101</td>
<td>Biology of Animals</td>
<td>15</td>
</tr>
</tbody>
</table>

15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.111</td>
<td>Mathematics IA</td>
<td>15</td>
</tr>
</tbody>
</table>

Part Two (120 credits)

Compulsory courses (45 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>246.201</td>
<td>Systems and Models in the Natural Sciences</td>
<td>30</td>
</tr>
<tr>
<td>246.202</td>
<td>Bacteriophage Discovery and Genomics</td>
<td>15</td>
</tr>
</tbody>
</table>

15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.113</td>
<td>Economics of Business</td>
<td>15</td>
</tr>
<tr>
<td>145.111</td>
<td>Society, Environment and Place</td>
<td>15</td>
</tr>
<tr>
<td>159.101</td>
<td>Programming Fundamentals</td>
<td>15</td>
</tr>
<tr>
<td>175.102</td>
<td>Psychology as a Natural Science</td>
<td>15</td>
</tr>
<tr>
<td>200.161</td>
<td>Introduction to Politics</td>
<td>15</td>
</tr>
<tr>
<td>219.101</td>
<td>Media Skills</td>
<td>15</td>
</tr>
<tr>
<td>134.218</td>
<td>Environmental Philosophy</td>
<td>15</td>
</tr>
<tr>
<td>152.230</td>
<td>Entrepreneurship</td>
<td>15</td>
</tr>
<tr>
<td>152.252</td>
<td>Project Management</td>
<td>15</td>
</tr>
</tbody>
</table>

30 credits at any level from Schedule B to the Degree of Bachelor of Science.

Part Three (120 credits)

Compulsory courses (60 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>134.308</td>
<td>Philosophy of Science</td>
<td>15</td>
</tr>
<tr>
<td>246.301</td>
<td>Special Topic in Natural Sciences</td>
<td>15</td>
</tr>
<tr>
<td>246.302</td>
<td>Research Themes in Natural Sciences</td>
<td>30</td>
</tr>
</tbody>
</table>

45 credits from Schedule B to the Degree of Bachelor of Science, with at least 15 credits at 300 level.

15 credits from any approved courses from any subject area in the University.
Specialisations
3. The Degree of Bachelor of Nursing is awarded without specialisation.

Academic Requirements
4. Every candidate for the Degree of Bachelor of Nursing shall complete to the satisfaction of Academic Board a minimum of 1100 hours of approved clinical practice and associated reports in accordance with the following courses:
   168.162: Nursing Fundamentals
   168.165: Health Assessment and Clinical Decision-making I
   168.262: Nursing People with Long-Term Conditions
   168.263: Mental Health and Addictions Nursing I
   168.264: Primary Health Care and Health Promotion
   168.362: Nursing People with Acute Conditions
   168.363: Mental Health and Addictions Nursing II
   168.364: Pre-graduate Nursing Practice.

   Passes in these courses will be awarded on the basis of practical work completed in accordance with the guidelines and standards governing the practical work requirements.

Student Progression
5. Candidates may progress from Part One to Part Two, and from Part Two to Part Three, by passing all courses in the previous part.

6. The Academic Board may, under such conditions as it may determine and taking into account the recommendations of the examiners, admit any candidate to a supplementary examination where available in a course in which the candidate failed to gain a pass.

7. Candidates who fail to complete all the courses related to any Part in accordance with Regulation 5 shall re-enrol in the remaining unpassed course(s) at the next available offering of the course(s).

8. Candidates must maintain their eligibility for registration with the Nursing Council of New Zealand in terms of good character and fitness to be a nurse, throughout the duration of their enrolment in the programme.

Completion Requirements
9. A candidate’s programme of study may not exceed five years, unless a specified time of suspension or extension has been approved by the Academic Board and the Nursing Council of New Zealand. Permission must be sought in advance of any suspension or extension by applying in writing to the Bachelor of Nursing Programme Director. Suspensions or extensions granted will appear on the academic transcript.

10. Candidates may be permitted to graduate when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress
11. For candidates enrolled in the Degree of Bachelor of Nursing, the following will lead to exclusion from the qualification:
   (a) failure to obtain a pass in any of the Bachelor of Nursing courses for which they have been enrolled for two occasions;
   (b) failure to pass courses totalling at least 75 academic credits or failure to pass at least 60% of an approved part-time programme of study in any academic year; or
   (c) failure to complete the Degree within five years from the date of first enrolment.

   Candidates excluded under (a), (b), or (c) above will only be re-admitted to the Bachelor of Nursing with the approval of the Academic Board.

Transitional Provisions
12. All candidates commencing study towards the Degree of Bachelor of Nursing on or after 1 January 2017 must satisfy the requirements specified in these regulations and as outlined in the Schedule for the Qualification.
Part II

Admission
1. Admission to the Degree of Bachelor of Resource and Environmental Planning requires that the candidate will meet the University admission requirements as specified.

Qualification Requirements
2. Candidates for the Degree of Bachelor of Resource and Environmental Planning shall follow a parts-based programme of study, which shall consist of courses totalling at least 480 credits, comprising:
   (a) completion of 120 credits in each of Parts I, II, III, and IV.
   And including:
   (b) the compulsory courses from Schedule A for the Qualification;
   (c) at least one minor;
   (d) a minimum of 15 credits from Schedule C of the Degree;
   (e) elective courses to a maximum of 15 credits from courses offered for other Bachelor degrees;
   (f) attending field trips, studios, workshops, tutorials, and laboratories as required.
3. Courses with significant overlap of content will not be approved for inclusion in the Degree; course 132.221 Planning Studies cannot be credited to the Degree of Bachelor of Resource and Environmental Planning.

Specialisations
4. Candidates shall complete a minor by passing at least 120 credits in a minor including 90 credits above 100 level of which at least 45 credits must be above 200 level. The requirements for each minor are set out in Schedule B for the Qualification.

Student Progression
6. Candidates shall not enrol in Part II unless they have passed all of their Part I requirements (120 credits) within two years of their enrolment into the Degree of Bachelor of Resource and Environmental Planning.
7. Candidates must complete the Schedule A requirements for Part II prior to progressing to Part III, and for Part III prior to progressing to Part IV.
8. The Degree of Bachelor of Resource and Environmental Planning may be awarded with or without a class of Honours.

Completion Requirements
9. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.
10. Candidates may be graduated when they meet the Admission, Qualification, and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded an alternative qualification should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
11. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions
12. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates who have completed at least 15 credits towards the Bachelor of Resource and Environmental Planning prior to 1 January 2017 may be permitted to substitute a course or courses already completed for one or more of the following courses: 115.113, 115.114, 115.115, 115.211. These transition arrangements expire 31 December 2021.
13. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates who have completed at least 15 credits towards a Bachelor of Resource and Environmental Management, Management minor prior to 1 January 2018 may be permitted to substitute a course or courses already completed towards the minor for a course or courses at the same level included in the Schedule for the minor. These transition arrangements expire 31 December 2022.

Schedule to the Degree of Bachelor of Resource and Environmental Planning

Schedule A: Compulsory Planning Courses

| Part I |  |
|----------------|
| 132.101 Introduction to Professional Planning | 15 |
| 132.102 Introduction to Planning Analytics | 15 |
| 132.111 Planning and the Environment | 15 |
| 132.112 Planning for Sustainable Development | 15 |
| 132.212 Professional Practice I | 15 |
| 132.213 Policy Analysis and Evaluation | 15 |
| 132.217 Planning Hazard-Resilient Communities | 15 |
| 132.218 Building Collaborative Communities | 15 |
| 150.201 Te Kawanata o Waitangi: The Treaty of Waitangi in New Zealand Society | 15 |
| 150.202 Treaty of Waitangi: The Treaty of Waitangi in New Zealand Society | 15 |

| Part II |  |
|----------------|
| 132.304 Toihoi Taihoa: Māori and Planning | 15 |
| 132.305 Natural Resource Policy and Planning | 15 |
| 132.311 Planning Theory | 15 |
| 132.312 Environmental and Planning Law | 15 |
| 132.313 Advanced Planning Techniques | 15 |
| 132.314 Transport and Urban Planning | 15 |

| Part IV |  |
|----------------|
| 132.403 Planning Project | 30 |
| 132.412 Professional Practice II | 15 |
| 132.414 Urban Planning and Design | 15 |
| 132.415 Environmental Planning | 15 |
| 132.419 Professional Practice Studio | 15 |

Schedule B: Minor Requirements

Agriculture

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>117.152</td>
<td>Animals and Agriculture</td>
<td>15</td>
</tr>
<tr>
<td>117.153</td>
<td>Agriculture</td>
<td>15</td>
</tr>
<tr>
<td>132.101</td>
<td>Plants in Agriculture</td>
<td>15</td>
</tr>
</tbody>
</table>

Ecology

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>120.101</td>
<td>Biology of Plants</td>
<td>15</td>
</tr>
<tr>
<td>199.101</td>
<td>Biology of Animals</td>
<td>15</td>
</tr>
<tr>
<td>120.218</td>
<td>The Flora of New Zealand</td>
<td>15</td>
</tr>
<tr>
<td>188.263</td>
<td>Environmental Science I</td>
<td>15</td>
</tr>
<tr>
<td>196.205</td>
<td>Ecology and Conservation</td>
<td>15</td>
</tr>
<tr>
<td>199.206</td>
<td>The Fauna of New Zealand</td>
<td>15</td>
</tr>
<tr>
<td>196.313</td>
<td>Limnology</td>
<td>15</td>
</tr>
</tbody>
</table>

234 MASSEY UNIVERSITY 2018 CALENDAR
198.316 New Zealand Plant Ecology 15 P 120.218 and 196.205
198.317 Community and Ecosystem Ecology 15 P Two 199.2xx/198.2xx courses
120.303 Plant Biodiversity 15 P 120.218
162.304 Environmental Microbiology 15 P 162.212 and one of 141.222, 162.211, 162.213, 162.214, 196.213
188.363 Environmental Science II 15 P 188.263
199.312 Behavioural Ecology 15 P Two 199.2xx/198.2xx courses
199.317 Animal Biodiversity 15 P 196.207 or 196.217

Economics
115.113 Economics for Business 15 R 115.106
115.114 Finance Fundamentals 15 R 115.105
115.115 Management in Context 15 R 115.108
178.200 Intermediate Macroeconomics 15 P 178.100
178.201 Intermediate Microeconomics 15 P 115.106 or 115.113
178.240 Managerial Economics 15 P 115.106 or 115.113 or 178.101
178.242 Land Economics 15 P Any 178.1xx course or 115.106 or 115.113
178.300 Advanced Macroeconomics 15 P 178.200
178.301 Advanced Microeconomics 15 P 178.201
178.360 Natural Resource and Environmental Economics 15
178.370 Development Economics 15

Geography
145.111 Society, Environment and Place 15
145.121 Introduction to Physical Geography 15
145.202 Working with Geographic Data 15
145.213 Resource Conservation and Sustainability 15 R 145.313
145.214 Social Change and Environment 15
145.216 Urban Environments 15
145.218 Development and Inequality 15
145.222 Rivers and Slopes 15 P 145.121
145.223 Climate Change and Natural Hazards 15 P 145.121 or 233.101; R 145.325
145.224 Biogeography 15 R 145.324
145.230 Coastal Environments 15 P 145.121; R 145.330
145.301 Research Practice in Human Geography 15
145.303 Field Work: Alpine Physical Geography 15 P 145.222
145.304 Applied Field Geomorphology 15 P At least two from 145.222, 145.223, 145.230
145.311 Geographies of Globalisation 15
145.318 Geopolitics 15
145.320 Quaternary Biogeography and Environmental Change 15 P 145.223 or 145.224; R 145.302
145.327 Catchment Dynamics 15 P 145.222

Management
115.114 Finance Fundamentals 15 R 115.105
115.115 Management in Context 15 R 115.108
152.203 Business and Society 15 R 52.101
152.232 Small Business Management 15
152.250 Managing Organisations 15 R 152.200
152.252 Project Management 15
152.261 International Business 15
152.304 Managing Services 15
152.325 Designing and Developing Organisations 15 P Any 200-level course from the 152 course prefix series; R 152.360, 152.303, 152.341
152.333 New Venture Project 15
152.336 Leadership Practice 15 R 152.328 152.329

152.350 Strategic Management and Governance 15 P Any 200-level Management course; R 152.341, 152.365

Māori Studies
150.114 He Tirohanga o Mua: Māori Custom, Lore and Economics 15
150.202 Haurua Tangata: Māori Health Foundations 15 P Any 100-level BA course
150.204 Mana Māori: Māori and Politics 15 P Any 100-level BA course
150.213 Tikanga-ā-Iwi: Tribal Development 15 P 150.114 or 146.101; nil for GradDipMāoriDevpt; nil for GradDipArts
150.216 He Huarahi Rangahau: Māori and Research 15 P Three courses at 100 level including one course from Māori Studies
150.301 Te Mana Te Kawanatanga: Māori Policy and the State 15 P 150.201; nil for GradDipArts
150.302 Planning for Māori Health 15 P 150.202
150.303 Mana Wāhine: Māori Women 15 P 150.216 (or approved alternative research methods course); R 150.203

Property Management
115.113 Economics of Business 15 R 115.106
115.114 Finance Fundamentals 15 R 115.105
115.115 Management in Context 15 R 115.108
127.241 Property Market Principles 15
127.242 Introduction to Property Valuation 15 R 127.256
150.201 Law of Property 15 P 115.211 or 115.103 or 155.202; R 155.216, 155.700
178.242 Land Economics 15 P Any 178.1xx course or 115.106 or 115.113
218.274 Building Services 15 P 218.172 or 138.281 or 138.254; R 217.274, 138.382
127.341 Property Management and Development 15 P 127.241
127.342 Applied Property Finance and Investment 15 P 127.241, 127.242, 127.245 and one of 127.341 or 127.343 or 127.378; C 127.341 or 127.343 or 127.378
127.343 Applied Property Valuation 15 P 127.242

Soil/Earth Science
121.103 New Zealand Environments 15
145.121 Introduction to Physical Geography 15
189.151 Soil Properties and Processes 15 P 119.153 or 123.101 or 120 credits; R 189.142
233.101 Introductory Earth Science 15 R 189.141
145.222 Rivers and Slopes 15 P 145.121
145.223 Climate Change and Natural Hazards 15 P 145.121 or 233.101; R 145.325
145.230 Coastal Environments 15 P 145.121, R 145.330
189.251 Soil Fertility and Fertilisers 15 P 189.151 or 189.142
189.252 Land, Soil and Water 15 P One of 189.151, 189.142, 233.101
233.202 Earth Science Field Work I 15 P 233.101 or 145.121; R 189.272
233.205 Volcanology and Mineralogy 15 P 233.101; R 233.305
233.250 Understanding New Zealand Geology 15 P 233.101; R 233.200, 233.207
233.251 GIS and Remote Sensing 15 P 233.101 or 189.151 or 145.121 or 158.100; R 233.201, 233.294
145.303 Field Work: Alpine Physical Geography 15 P 145.222
145.304 Applied Field Geomorphology 15 P At least two from 145.222, 145.223, 145.230
145.320 Quaternary Biogeography and Environmental Change 15 P 145.223 or 145.224; R 145.302
145.327 Catchment Dynamics 15 P 145.222
The Degree of Bachelor of Retail and Business Management  
**BRBM**

### Qualification Regulations

#### Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

#### Part II

**Admission**
1. Admission to the Degree of Bachelor of Retail and Business Management requires that the candidate will meet the University admission requirements as specified.

**Qualification Requirements**
2. Candidates for the Degree of Bachelor of Retail and Business Management shall follow a flexible programme of study, which shall consist of courses totalling at least 360 credits, comprising:
   - (a) not more than 150 credits at 100 level;
   - (b) at least 75 credits at 300 level;
   - And including:
     - (c) at least 300 credits selected from the Schedule to the Degree;
     - (d) the core courses listed in Schedule A to the Qualification;
     - (e) attending field trips, studios, workshops, tutorials and laboratories as required.
3. Candidates who, in the opinion of the Academic Board, have passed with sufficient merit subjects for a Retail qualification registered on the New Zealand Qualifications Framework at Level 5 or higher, may be cross-credited with specified or unspecified courses not exceeding a total of 120 credits.

**Specialisations**
4. Candidates may complete a minor by passing at least 60 credits in a specialisation, including at least 45 credits above 100 level, of which at least 15 credits must be at 300 level. The requirements for each minor are set out in Schedule B to the Qualification.
5. Approved minors are: Business Information Systems and Electronic Commerce, Design, Logistics and Supply Chain Management, Management and Entrepreneurship, Marketing and Retail Banking.
6. Minors may be included from any undergraduate degree within the University for which recognised minors are specified.
   - (a) Where the minor is from another undergraduate degree the regulations of that programme for the minor will apply.
   - (b) No course may be credited to more than one specialisation.

### Academic Requirements
7. Candidates are required to complete 315 hours of practical work in internship placements, in accordance with the requirements of courses:
   - (a) 290.100 Retail Practice Internship (45 hours; 6 days);
   - (b) 290.201 Retail Knowledge (90 hours; 12 days);
   - (c) 290.301 Retail Experience (180 hours; 24 days).
8. Candidates will be responsible for securing their own placements with suitable retail organisations, which must be approved by the Internship Coordinator. All work undertaken must be completed in accordance with the required standards issued.

### Completion Requirements
9. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.
10. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Diploma in Business should they meet the relevant Qualification requirements.

### Unsatisfactory Academic Progress
11. The general Unsatisfactory Academic Progress regulations will apply.

### Transitional Provisions
12. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates who have completed at least 15 credits towards the Bachelor of Retail and Business Management prior to 1 January 2017 may be permitted to substitute a core course or courses already completed for one or more of the following core courses: 115.112, 115.113, 115.115, 115.116, 157.150, 176.102. These transition arrangements expire 31 December 2020.
13. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates who have completed at least 15 credits towards a Bachelor of Retail and Business Management, Management and Entrepreneurship major prior to 1 January 2018 may be permitted to substitute a course or courses already completed towards the major for a course or courses at the same level included in the Schedule for the major. These transition arrangements expire 31 December 2022.
Schedule for the Degree of Bachelor of Retail and Business Management

Schedule A: Compulsory Core Courses (300 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.109</td>
<td>Introduction to Business Data Analysis</td>
<td>15</td>
</tr>
<tr>
<td>115.112</td>
<td>Accounting for Business</td>
<td>15</td>
</tr>
<tr>
<td>115.113</td>
<td>Economics of Business</td>
<td>15</td>
</tr>
<tr>
<td>115.115</td>
<td>Management in Context</td>
<td>15</td>
</tr>
<tr>
<td>115.116</td>
<td>Introduction to Marketing</td>
<td>15</td>
</tr>
<tr>
<td>155.110</td>
<td>Retail Law</td>
<td>15</td>
</tr>
<tr>
<td>290.100</td>
<td>Retail Practice Internship</td>
<td>15</td>
</tr>
<tr>
<td>290.102</td>
<td>Fundamentals of Retailing</td>
<td>15</td>
</tr>
<tr>
<td>114.240</td>
<td>Organisational Behaviour</td>
<td>15</td>
</tr>
<tr>
<td>156.231</td>
<td>Strategic Marketing Management</td>
<td>15</td>
</tr>
<tr>
<td>156.232</td>
<td>Consumer Behaviour</td>
<td>15</td>
</tr>
<tr>
<td>290.201</td>
<td>Retail Knowledge Internship</td>
<td>15</td>
</tr>
<tr>
<td>290.202</td>
<td>Retail Operations</td>
<td>15</td>
</tr>
<tr>
<td>290.203</td>
<td>Retail Buying and Planning</td>
<td>15</td>
</tr>
<tr>
<td>290.204</td>
<td>Store Design and Visual Merchandising</td>
<td>15</td>
</tr>
<tr>
<td>240.280</td>
<td>Logistics and Supply Chain Fundamentals</td>
<td>15</td>
</tr>
<tr>
<td>158.339</td>
<td>Omni-Channel Retail Marketing</td>
<td>15</td>
</tr>
<tr>
<td>290.301</td>
<td>Retail Experience Internship</td>
<td>15</td>
</tr>
<tr>
<td>290.302</td>
<td>Retail Strategy and Business Planning</td>
<td>15</td>
</tr>
</tbody>
</table>

Schedule B: Minors (60 credits)

Business Information Systems and Electronic Commerce
45 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>157.150</td>
<td>Management Information Systems</td>
<td>15</td>
</tr>
<tr>
<td>158.235</td>
<td>Social Media and Digital Marketing</td>
<td>15</td>
</tr>
<tr>
<td>157.240</td>
<td>Social Media Networks for Business</td>
<td>15</td>
</tr>
<tr>
<td>157.241</td>
<td>Technology Trends for Organisations</td>
<td>15</td>
</tr>
</tbody>
</table>

Compulsory 15 credits:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>157.350</td>
<td>Technology Governance and Risk Management</td>
<td>15</td>
</tr>
<tr>
<td>197.288</td>
<td>Creative Industries</td>
<td>15</td>
</tr>
<tr>
<td>222.215</td>
<td>Brand Communication</td>
<td>15</td>
</tr>
</tbody>
</table>

Design

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>156.233</td>
<td>Marketing Research</td>
<td>15</td>
</tr>
<tr>
<td>156.235</td>
<td>Social Media and Digital Marketing</td>
<td>15</td>
</tr>
<tr>
<td>156.237</td>
<td>Marketing Communication and Advertising</td>
<td>15</td>
</tr>
<tr>
<td>156.238</td>
<td>Marketing New Products</td>
<td>15</td>
</tr>
<tr>
<td>156.334</td>
<td>Marketing Consultancy Project</td>
<td>15</td>
</tr>
<tr>
<td>156.338</td>
<td>International Marketing</td>
<td>15</td>
</tr>
<tr>
<td>156.340</td>
<td>Customer Intelligence</td>
<td>15</td>
</tr>
<tr>
<td>156.341</td>
<td>Branding</td>
<td>15</td>
</tr>
</tbody>
</table>

Retail Banking

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>125.220</td>
<td>Financial Institutions and Markets</td>
<td>15</td>
</tr>
<tr>
<td>125.365</td>
<td>Retail Banking</td>
<td>15</td>
</tr>
</tbody>
</table>

The Degree of Bachelor of Science BSc

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Degree of Bachelor of Science requires that the candidate will meet the University admission requirements as specified.

Qualification Requirements

2. Candidates for the Degree of Bachelor of Science shall follow a flexible programme of study, which shall consist of courses totalling at least 360 credits, comprising:

(a) not more than 165 credits at 100 level;
(b) at least 75 credits at 300 level; and including:

(c) a course in communication as per Schedule A to the Degree;
(d) a quantitative course from the 100 or 160 course prefixes;
(e) at least 225 credits from Schedules B and C to the Degree;
(f) at least one course from each of at least four disciplines (as determined by prefix) corresponding to Bachelor of Science specialisations, excluding courses from Schedule A;
(g) completion of at least one major;
(h) attending block courses, contact workshops, field trips, workshops, tutorials and laboratories as required.
3. Notwithstanding Regulation 2(e), and at the discretion of Academic Board, students exiting the Bachelor of Engineering with Honours, Bachelor of Food Technology with Honours, Bachelor of Medical Laboratory Science, and Bachelor of Veterinary Science may have a personal programme variation approved in excess of stated limits, to meet the requirements of the BSc through substitution of courses from the schedules to those degrees.

Specialisations
4. Candidates must complete a major by passing the requirements for a major as specified in Schedule B to the Degree or as directed in Regulations 15(a) to (g).
5. Candidates may complete a double major by meeting the requirements of both majors as specified in Schedule B to the Degree. A double major must include at least 195 credits above 100 level, of which at least 105 credits must be at 300 level, from the combined set of majoring requirements for the two majors.

*No new enrolments.
7. Notwithstanding Regulation 6, the following majors are available in accordance with Transitional Provisions outlined in Regulation 15: Horticultural Science, Information Systems, Information Technology, Mathematical Physics, Molecular Biosciences, Plant Biology, and Sport and Exercise Science.
8. Candidates may include up to two minors in the Degree of Bachelor of Science.
(a) A minor must include at least 60 credits, including at least 45 credits above 100 level, of which at least 15 credits must be at 300 level.
(b) The requirements for each minor are set out in Schedule B to the Degree.
(c) The minor(s) must be in a different subject area from the major(s).
(d) Minors may be included from any undergraduate degree within the University for which recognised minors are specified.
(e) Where the minor is from another undergraduate degree the regulations of that programme for the minor will apply.
(f) No course may be credited to both a major and a minor, or to more than one minor, except at 100 level, where a course from one subject is required as a prerequisite or co-requisite for a course from the other subject. At least 45 credits above 100 level for each minor must be discrete to that minor.
(g) No more than 120 credits from outside the BSc schedules may be credited to a minor(s).

*No new enrolments.

Academic Requirements
10. In any course that involves practical work, satisfactory performance in the practical work is necessary for a pass to be obtained in the course. A pass will only be awarded where practical work has been completed to the satisfaction of the Academic Board in accordance with the guidelines governing the practical work requirements.

Student Progression
11. Candidates may not enrol in a 200-level Bachelor of Science course in their first 90 credits of study towards the Bachelor of Science unless such enrolment has been approved by Academic Board or their delegate.

Completion Requirements
12. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.
13. Candidates may be graduated when they meet the Admission, Qualification, and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Certificate in Science and Technology or Diploma in Science and Technology should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
14. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions
15. The following majors are closed to new enrolments. Candidates already enrolled in these majors may complete subject to the following requirements:
(a) Horticultural Science – No new enrolments 2011. Candidates may complete their major in accordance with the 2010 regulations or earlier regulations.
(b) Information Systems – No new enrolments 2008. Candidates may complete their major in accordance with the 2007 regulations or earlier regulations.
(c) Information Technology – No new enrolments 2011. Candidates may complete their major in accordance with the 2010 regulations or earlier regulations.
(d) Mathematical Physics – No new enrolments 2011. Candidates may complete their major in accordance with the 2010 regulations or earlier regulations.
(e) Molecular Biosciences – No new enrolments 2007. Candidates may complete their major in accordance with the 2006 regulations or earlier regulations.
(f) Plant Biology – No new enrolments 2011. Candidates may complete their major in accordance with the 2010 regulations or earlier regulations.
(g) Sport and Exercise Science – No new enrolments 2010. Candidates may complete their major in accordance with the 2009 regulations or earlier regulations.

Schedule for the Bachelor of Science

Schedule A
Communication Courses (15 credits)
247.155 Communication in the Sciences 15

Written Communication for Information Sciences 15

Academic Writing in English for Speakers of Other Languages 15

Schedule B
Agricultural Science (255 credits)
Compulsory courses:
162.101 Biology of Cells 15

117.254 Principles of Animal Science and Production 15

P 194.101 or 199.101 or 119.154 or 117.152

283.201 Pasture and Crop Agronomy 15 P 283.101 or 120.101, R 171.202

119.258 Agricultural Systems 15 P 119.281

119.373 Integrative Studies 15

119.150 Practicum I 0

119.250 Practicum II 0 P 119.150

15 credits from:
123.101 Chemistry and Living Systems 15 R 123.171

123.102 Chemistry and the Material World 15 P 123.172

238 MASSEY UNIVERSITY 2018 CALENDAR
### Massey University 2018 Calendar

#### Physics I(b)

**15 credits from:**
- **161.130** Introductory Biostatistics 15
- **160.111** Mathematics 1A 15
- **160.112** Mathematics 1B 15
- **160.133** Processes in Mathematics 15

**15 credits from:**
- **122.102** Biochemistry of Cells 15
- **124.102** Physics (b) 15
- **124.111** Physics for Life Sciences 15
- **283.101** Plants in Agriculture 15
- **120.101** Biology of Plants 15
- **194.101** Essentials of Mammalian Biology 15
- **198.101** Biology of Animals 15
- **189.151** Soil Properties and Processes 15
- **233.101** Introductory Earth Science 15
- **189.251** Land, Soil and Water 15
- **120.217** Plant, Cell and Environment 15
- **194.241** Physiological Control Systems 15
- **194.242** Physiology of Mammalian Organ Systems 15
- **194.243** Physiological Strategies for Survival 15
- **196.205** Ecology and Conservation 15
- **122.231** Genes and Gene Expression 15
- **122.232** Protein Biochemistry 15
- **123.203** Organic and Biological Chemistry 15
- **123.204** Inorganic Chemistry and Modelling 15
- **123.205** Chemical and Biochemical Analysis 15
- **123.206** Environmental and Analytical Chemistry 15
- **123.210** Organic Chemistry Perspectives 15
- **123.271** Molecules to Materials 15
- **162.211** Biology and Genetics of Microorganisms 15
- **162.214** Biology of Microorganisms 15
- **196.207** Biological Evolution 15
- **196.217** Evolutionary Biology 15

**20.3.202** Genetic Analysis 15
**203.203** Human Genetics 15
**203.212** Principles of Genetics 15

**30 credits from:**
- **117.342** Animal Nutrition 15
- **117.344** Animal Growth and Meat Production 15
- **117.345** Genetics for Livestock Improvement 15
- **117.347** Reproductive and Lactational Physiology 15
- **117.348** Animal Metabolism 15
- **117.371** Animal Production 15
- **117.381** Solving Problems in Animal Production 15
- **189.362** Soil Fertility and the Environment 15
- **189.363** Soil Resources and Sustainable Land Use 15
- **233.301** Advanced Remote Sensing 15
- **233.302** Earth Science Field Work III 15
- **233.310** Pedology and Quaternary Geology 15
- **233.350** How the Earth Works 15
- **283.301** Pasture Production and Practice 15
- **283.305** Animal Production and Technology 15
- **283.311** Controlling Weeds 15
- **285.301** Controlling Plant Pests and Diseases 15

**15 credits from:**
Courses at 300 level from the 120, 122, 123, 162, 194, 196, 199, 203 prefixes in the Schedule.

#### Animal Science (195 credits)

**Compulsory courses:**
- **122.102** Biochemistry of Cells 15
- **123.101** Chemistry and Living Systems 15
- **162.101** Biology of Cells 15
- **194.101** Essentials of Mammalian Biology 15
- **194.241** Physiological Control Systems 15
- **122.233** Metabolic Biochemistry 15
- **117.254** Principles of Animal Science and Production 15
- **117.255** Animal Health, Behaviour and Welfare 15
- **117.348** Animal Metabolism 15

**15 credits from:**
- **161.101** Statistics for Business 15
- **161.120** Introductory Statistics 15
- **161.130** Introductory Biostatistics 15

**30 credits from:**
- **117.342** Animal Nutrition 15
- **117.344** Animal Growth and Meat Production 15
- **117.345** Genetics for Livestock Improvement 15
- **117.347** Reproductive and Lactational Physiology 15
15 credits from:

117.381 Companion Animal Science 15 P 117.254
117.371 Animal Production 15 P 117.254; R 117.346, 117.351, 117.352, 117.353, 117.354, 117.355
117.381 Solving Problems in Animal Production 15 P 117.254

Animal Science Minor (60 credits)

One of 199.101 or 194.101; 117.254; one of 117.255 or 122.233 or 194.241; at least one 300-level course from the 117 prefix courses listed under the Animal Science major.

Biochemistry (165 credits)

Compulsory courses:

122.102 Biochemistry of Cells 15 P 123.101, 162.101
123.101 Chemistry and Living Systems 15 R 123.171
162.101 Biology of Cells 15
122.231 Genes and Gene Expression 15 P 123.101, 162.101
122.232 Protein Biochemistry 15 P 122.102, R 122.342
122.233 Metabolic Biochemistry 15 P 122.102
123.303 Gene Regulation 15 P 203.300, R 203.303
122.322 Protein Structure and Function 15 P 122.232; R 122.342
203.300 DNA Technology 15 P 122.231; R 203.340

30 credits from:
Selection A (no more than 15 credits):

123.202 Organic and Biological Chemistry 15 P 123.101 or 123.171
123.204 Chemical and Biochemical Analysis 15 P 123.101 or 123.102 or 123.171 or 123.172
162.211 Biology and Genetics of Microorganisms 15 P 162.101; R 162.214

Selection B (at least 15 credits):

123.312 Advanced Organic Chemistry 15 P 123.202, 123.204
123.326 Advanced Chemical Biology 15 P 123.202
203.307 Mammalian Cell Biology 15 P 122.231
203.328 Genome Analysis 15 P 203.300; R 122.328
247.300 Research in Biosciences 15

Biochemistry Minor (90 credits)

123.101; 162.101; 122.102; 45 credits at 200 level and 300 level, with at least 15 credits at 300 level, with the prefix 122.

Biological Sciences (195 credits)

Compulsory courses:

120.101 Biology of Plants 15
162.101 Biology of Cells 15
199.101 Biology of Animals 15

30 credits from:

122.102 Biochemistry of Cells 15 P 123.101, 162.101
123.101 Chemistry and Living Systems 15 R 123.171
123.103 Introductory Chemistry 15 R 119.153, 123.103 may not be taken after 123.101, 123.171, 123.102 or 123.172 have been passed
161.130 Introductory Biostatistics 15 R 115.101, 161.100, 161.101, 161.110, 161.120, 161.140, 195.101
194.101 Essentials of Mammalian Biology 15

Courses at 100 level from the 124 and/or 160 prefix.

60 credits from:
Approved 200-level biological courses in Animal Science, Biochemistry, Chemistry, Ecology, Exercise and Sport Science, Genetics, Geography, Human Nutrition, Marine Ecology, Microbiology, Physiology, Plant Science, Psychology, and/or Zoology.

60 credits from:
Approved 300-level biological courses in Animal Science, Biochemistry, Chemistry, Ecology, Exercise and Sport Science, Genetics, Geography,
Chemistry Minor (60 credits)
At least one of 123.101, 123.102, 123.171, 123.172; 45 credits at 200 level and 300 level, with at least 15 credits at 300 level, with the prefix 123.

Computer Science (150 credits)
Compulsory courses:
30 credits from:
Option A (at least 30 credits):
159.101 Programming Fundamentals 15
159.102 Computer Science Fundamentals 15 P 159.101; R 159.172
159.103 Introduction to Games Programming and Simulation 15 P 159.101

Option B:
159.171 Computational Thinking and Software Development 15
159.172 Computational Thinking and Algorithms 15 P 159.171 or 159.101; R 159.102

60 credits from:
159.201 Algorithms and Data Structures 15 P 159.101 and 159.102; R 159.271
159.202 Declarative Programming 15 P 159.101 and 159.102; R 159.272
159.233 Computer Architecture 15 P 159.101, 159.102, R 159.253
159.234 Object-Oriented Programming 15 P 159.101 and 159.102; R 159.270
159.235 Graphical Programming 15 P 159.101, 159.102
159.251 Software Engineering Design and Construction 15 P (159.101 and 159.102) or 159.172; R 159.351
159.253 Computer Systems 15 P 159.1x1, 159.1x2; R 159.233
159.270 Hardware-Oriented Computing 15 P 159.102 or 159.172; R 159.234
159.271 Computational Thinking for Problem Solving 15 P 159.1x1, 159.1x2; R 159.201
159.272 Programming Paradigms 15 P 159.1x1, 159.1x2; R 159.202, 159.234

60 credits from:
159.302 Artificial Intelligence 15 P 159.201 or 159.202 or 159.211
159.331 Algorithms and Languages 15 P 159.201, 159.202
159.333 Programming Project 15 P Three of (159.201, 159.202, 159.233, 159.234, 159.235); R 159.381 and 159.382
159.334 Computer Networks 15 P 159.201 or 159.234; R 159.354
159.335 Concurrent Programming and Operating Systems 15 P 159.201; R 159.355
159.336 Mobile Application Development 15 P 159.234 or 159.272
159.339 Internet Programming 15 P 159.201 or 159.234, R 159.359
159.352 Advanced Web Development 15 P 159.272 and 159.285 or 159.252; R 159.339, 159.359
159.354 Data Communication Networks 15 P 159.270 or 159.271; R 159.334, 281.376
159.355 Concurrent Systems 15 P 159.201 or 159.272; R 159.335
159.356 Software Engineering Capstone Project 15 P 159.352
159.380 Programming for Computer Graphics 15 P (159.270 or 159.271 or 159.272) and 159.1xx, R 159.235, 159.360
159.372 Intelligent Machines 15 P 159.271 or 159.272; R 159.302

Computer Science Minor (75 credits)
(159.101 and 159.102) or (159.171 and 159.172); 45 credits at 200 level and 300 level, with at least 15 credits at 300 level, with the prefix 159 from the schedule for the major above.

Data Science (195 credits)
Compulsory courses:
159.101 Programming Fundamentals 15
159.102 Computer Science Fundamentals 15 P 159.101; R 159.172

BACHELOR'S DEGREES

160.133 Processes in Mathematics 15
158.222 Data Wrangling and Machine Learning 15 P (159.1x1 and 159.1x2) and 161.1xx
159.201 Algorithms and Data Structures 15 P 159.101 and 159.102; R 159.271
160.211 Linear Algebra 15 P 160.102 or 160.112 or 160.133 or 228.172
158.333 Applied Machine Learning and Data Visualisation 15 P 158.222
158.337 Database Development 15 P 157.2xx or 158.2xx or 159.2xx; R 157.331, 158.247
159.302 Artificial Intelligence 15 P 159.201 or 159.202 or 159.211

15 credits from:
158.100 Computer Applications and the Information Age 15
158.120 Fundamentals of Information Technology 15

15 credits from:
161.220 Data Analysis 15 P One of 115.101, 161.100–161.130; R 161.250
161.221 Applied Linear Models 15 P One of 115.101, or 161.100–161.130; R 161.320
161.250 Data Analysis for Biologists 15 P One of 115.101, 161.100–161.130; R 161.220

15 credits from:
161.323 Multivariate Analysis 15 P 161.2xx
161.324 Data Mining 15 P 161.220 or 161.221 or 161.250; R 161.223, 161.777

Data Science Minor (90 credits)
159.101, 159.102, 161.120, 158.222, 158.333; and 15 credits from 160.211, 161.220, 161.221, or 161.250.

Earth Science (150 credits)
Compulsory courses:
233.101 Introductory Earth Science 15 R 189.141
233.202 Earth Science Field Work I 15 P 233.101 or 145.121; R 189.272
233.205 Volcanology and Mineralogy 15 P 233.101; R 233.305
233.250 Understanding New Zealand Geology 15 P 233.101; R 233.200, 233.207
233.251 GIS and Remote Sensing 15 P 233.101 or 189.151 or 145.121 or 158.100, R 233.201, 233.204
233.301 Advanced Remote Sensing 15 P 233.251
233.302 Earth Science Field Work II 15 P 233.202 and 233.350; R 189.372
233.310 Pedology and Quaternary Geology 15 P 233.250 or 189.252; R 233.210
233.350 How the Earth Works 15 P 233.250 (or 233.200), R 233.300, 233.208, 233.308

15 credits from:
145.121 Introduction to Physical Geography 15
189.151 Soil Properties and Processes 15 P 119.153 or 123.101 or 120 credits; R 189.142

Earth Science Minor (60 credits)
233.101; 45 credits at 200 level and 300 level, with at least 15 credits at 300 level, with the prefix 233.

Ecology (195 credits)
Compulsory courses:
120.101 Biology of Plants 15
### Biology of Cells
- 15 credits from:
  - 161.101 Statistics for Business  
  - 161.120 Introductory Statistics
  - 161.130 Introductory Biostatistics

### Ecology and Conservation
- 15 credits from:
  - 196.205 The Fauna of New Zealand

### The Flora of New Zealand
- 15 credits from:
  - 120.218 The Flora of New Zealand

### Environmental Control Systems
- 15 credits from:
  - 196.207 Biological Evolution
  - 196.217 Evolutionary Biology

### Environmental Science Minor (60 credits)
- 121.103; 45 credits at 200 level and 300 level, with at least 15 credits at 300 level, with the prefix 121.

### Equine Minor (60 credits)
- Compulsory courses:
  - 286.101 Equine Production
  - 286.221 Structure and Function of the Equine Athlete
  - 286.321 Responses to Training in the Equine Athlete

### Exercise and Sport Science (165 credits)
- Compulsory courses:
  - 214.312 Environmental Science Field Work II
  - 188.363 Environmental Science II

### Other Courses
- 15 credits from:
  - 161.101 Statistics for Business
  - 161.120 Introductory Statistics
  - 161.130 Introductory Biostatistics

### New Zealand Environments
- 15 credits from:
  - 196.205 Ecology and Conservation

### New Zealand Plant Ecology
- 15 credits from:
  - 194.241 New Zealand Plant Ecology

### Entomology
- 15 credits from:
  - 196.207 Biological Evolution
  - 196.217 Evolutionary Biology

### Limnology
- 15 credits from:
  - 196.313 Limnology
  - 196.316 New Zealand Plant Ecology
  - 196.317 Community and Ecosystem Ecology
  - 196.318 Molecular Ecology
  - 196.326 Topics in Marine Ecology
  - 199.312 Behavioural Ecology

### Microbial Ecology
- 15 credits from:
  - 196.213 Microbial Ecology
  - 196.211 Biology and Genetics of Microorganisms
  - 196.214 Biology of Microorganisms

### New Zealand Environments
- 15 credits from:
  - 196.205

### New Zealand Plant Ecology
- 15 credits from:
  - 194.241

### New Zealand Environments
- 15 credits from:
  - 196.205

### New Zealand Environments
- 15 credits from:
  - 196.205

### New Zealand Environments
- 15 credits from:
  - 196.205

### New Zealand Environments
- 15 credits from:
  - 196.205

### New Zealand Environments
- 15 credits from:
  - 196.205

### New Zealand Environments
- 15 credits from:
  - 196.205
194.242 Physiology of Mammalian Organ Systems 15 P 194.101
234.224 Motor Behaviour 15 P 214.170 or 234.121; R 234.205

15 credits from:
234.322 Sport Biomechanics II 15 P 234.201 or 234.222; R 194.351, 234.301
234.381 Exercise Psychology 15

15 credits from:
128.300 Ergonomics/Human Factors: Work, Performance, Health and Design 15
151.332 Nutrition for Sport and Performance 15 P 151.232 or 151.344
194.350 Human Lifecycle Physiology 15 P 194.241 or 194.242

Exercise and Sport Science Minor (60 credits)
At least one of 194.101 or 234.121; 45 credits, with at least 15 credits at 300 level, from the following courses: 234.222, 234.223, 234.224, 234.322, 234.323, 234.361.

Genetics (165 credits)
Compulsory courses:
122.102 Biochemistry of Cells 15 P 123.101, 162.101
123.101 Chemistry and Living Systems 15 R 123.171
162.101 Biology of Cells 15
122.231 Genes and Gene Expression 15 P 123.101, 162.101
203.203 Human Genetics 15 P 162.101; R 162.253

15 credits from:
162.211 Biology and Genetics of Microorganisms 15 P 162.101; R 162.214
162.214 Biology of Microorganisms 15 P 162.101; R 162.211, 280.201
196.207 Biological Evolution 15 P 162.101; R 199.319, 196.217
196.217 Evolutionary Biology 15 P 162.101; R 196.207, 199.319
248.202 Bacteriophage Discovery and Genomics 15 P 162.101 or 199.101 or 120.101

15 credits from:
203.202 Genetic Analysis 15 P 162.101; R 203.212
203.212 Principles of Genetics 15 P 162.101; R 203.202

15 credits from:
203.300 DNA Technology 15 P 122.231; R 203.340
203.340 Applied Molecular Biology 15 P 122.231; R 203.300

15 credits from:
203.305 Advanced Practical Genetics 15 P 203.202, 203.300; R 162.365
203.341 Genetics and Evolution 15 P 122.231; R 122.326

30 credits from:
122.303 Gene Regulation 15 P 203.300; R 203.303
203.307 Mammalian Cell Biology 15 P 122.231
203.328 Genome Analysis 15 P 203.300; R 122.328
203.342 Molecular and Cellular Biology 15 P 122.231
203.343 Advanced Genetics and Genomics 15 P [203.212 or 203.202] and 122.231
247.300 Research in Biosciences 15

Genetics Minor (60 credits)
162.101; 122.231; 203.300 or 203.340; and at least 15 credits at 200 level or 300 level with the prefix 203.

Geography (150 credits)
Compulsory courses:
145.111 Society, Environment and Place 15
145.121 Introduction to Physical Geography 15

60 credits from:
121.210 Environmental Issues 15 P 121.103; R 121.311
121.211 New Zealand Environmental Issues 15 P 121.103, 145.111 or 228.111
145.213 Resource Conservation and Sustainability 15 R 145.313
145.214 Social Change and Environment 15
145.216 Urban Environments 15
145.218 Development and Inequality 15
145.222 Rivers and Slopes 15 P 145.121
145.223 Climate Change and Natural Hazards 15 P 145.121 or 233.101; R 145.325
145.224 Biogeography 15 R 145.324
145.230 Coastal Environments 15 P 145.121; R 145.330
233.251 GIS and Remote Sensing 15 P 233.101 or 199.151 or 145.121 or 158.100; R 233.201, 233.204

60 credits from:
Selection A (at least 45 credits)
145.301 Research Practice in Human Geography 15
145.303 Field Work: Alpine Physical Geography 15 P 145.222
145.304 Applied Field Geomorphology 15 P At least two from 145.222, 145.223, 145.230
145.311 Geographies of Globalisation 15
145.318 Geopolitics 15
145.320 Quaternary Biogeography and Environmental Change 15 P 145.223 or 145.224; R 145.302
145.327 Catchment Dynamics 15 P 145.222

Selection B (no more than 15 credits)
121.310 Environmental Solutions 15 P 121.210, R 121.211
121.311 Global Environmental Issues 15 P 121.103
121.313 Applied River Management 15 P 196.205 or 145.222
233.301 Advanced Remote Sensing 15 P 233.251

Geography Minor (75 credits)
At least 75 credits, with at least 45 credits at 200 level and 300 level, including at least 15 credits at 300 level, with the prefix 145.

Horticulture Minor (60 credits)
284.101, 284.201, 284.301, 284.342.

Human Nutrition (180 credits)
Compulsory courses:
122.102 Biochemistry of Cells 15 P 123.101, 162.101
123.101 Chemistry and Living Systems 15 R 123.171
162.101 Biology of Cells 15
122.233 Metabolic Biochemistry 15 P 122.102
151.231 Food Chemistry for Nutrition 15 P 123.101
151.232 Nutrition and Metabolism 15 P 123.101, 122.102; R 151.344
151.331 Maternal and Child Nutrition 15 P 151.232 or 151.344; R 151.345
151.332 Nutrition for Sport and Performance 15 P 151.232 or 151.344
151.333 Adult Nutrition and Positive Ageing 15 P 151.232 or 151.344
151.334 Nutrition Communication and Promotion 15 P 151.232 or 151.344
194.350 Human Lifecycle Physiology 15 P 194.241 or 194.242

15 credits from:
194.241 Physiological Control Systems 15 P 194.101
194.242 Physiology of Mammalian Organ Systems 15 P 194.101
Human Nutrition Minor (90 credits)
122.102, 123.101, 162.101, 151.232 and 30 credits from 151.331, 151.332, 151.333, 151.334.

Logistics and Supply Chain Management (165 credits)
Compulsory courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>158.100</td>
<td>Computer Applications and the Information Age</td>
<td>15</td>
</tr>
</tbody>
</table>

15 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>161.120</td>
<td>Introductory Statistics</td>
<td>15</td>
</tr>
<tr>
<td>161.130</td>
<td>Introductory Biostatistics</td>
<td>15</td>
</tr>
</tbody>
</table>

30 credits from:
Selection A

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.115</td>
<td>Management in Context</td>
<td>15</td>
</tr>
<tr>
<td>159.101</td>
<td>Programming Fundamentals</td>
<td>15</td>
</tr>
<tr>
<td>159.102</td>
<td>Computer Science Fundamentals</td>
<td>15</td>
</tr>
</tbody>
</table>

15 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>159.171</td>
<td>Computational Thinking and Software Development</td>
<td>15</td>
</tr>
<tr>
<td>159.172</td>
<td>Computational Thinking and Algorithms</td>
<td>15</td>
</tr>
<tr>
<td>178.100</td>
<td>Principles of Macroeconomics</td>
<td>15</td>
</tr>
</tbody>
</table>

Selection B (No more than 15 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.103</td>
<td>Introductory University Mathematics</td>
<td>15</td>
</tr>
</tbody>
</table>

15 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.131</td>
<td>Mathematics for Business I</td>
<td>15</td>
</tr>
<tr>
<td>160.132</td>
<td>Concepts in Mathematics</td>
<td>15</td>
</tr>
</tbody>
</table>

Logistics and Supply Chain Management Minor (60 credits)
240.260 and 240.263; 30 credits from 240.363, 240.364 and 240.365.

Marine Ecology (165 credits)
Compulsory courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>162.101</td>
<td>Biology of Cells</td>
<td>15</td>
</tr>
<tr>
<td>199.101</td>
<td>Biology of Animals</td>
<td>15</td>
</tr>
<tr>
<td>161.250</td>
<td>Data Analysis for Biologists</td>
<td>15</td>
</tr>
<tr>
<td>194.245</td>
<td>Animal Form and Function</td>
<td>15</td>
</tr>
</tbody>
</table>

15 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>240.362</td>
<td>Supply Chain Trends and Applications</td>
<td>15</td>
</tr>
<tr>
<td>240.364</td>
<td>Purchasing and Supply Management</td>
<td>15</td>
</tr>
<tr>
<td>240.365</td>
<td>Demand Chain Management</td>
<td>15</td>
</tr>
</tbody>
</table>

15 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>196.225</td>
<td>Introductory Marine Biology</td>
<td>15</td>
</tr>
<tr>
<td>199.211</td>
<td>Invertebrate Zoology</td>
<td>15</td>
</tr>
<tr>
<td>196.326</td>
<td>Topics in Marine Ecology</td>
<td>15</td>
</tr>
<tr>
<td>196.327</td>
<td>Marine Mammalogy</td>
<td>15</td>
</tr>
<tr>
<td>196.350</td>
<td>Quantitative Marine Ecology</td>
<td>15</td>
</tr>
</tbody>
</table>

15 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>161.101</td>
<td>Statistics for Business</td>
<td>15</td>
</tr>
<tr>
<td>161.120</td>
<td>Introductory Statistics</td>
<td>15</td>
</tr>
<tr>
<td>161.130</td>
<td>Introductory Biostatistics</td>
<td>15</td>
</tr>
</tbody>
</table>

15 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>196.318</td>
<td>Molecular Ecology</td>
<td>15</td>
</tr>
<tr>
<td>199.312</td>
<td>Behavioural Ecology</td>
<td>15</td>
</tr>
<tr>
<td>247.300</td>
<td>Research in Biosciences</td>
<td>15</td>
</tr>
</tbody>
</table>

Marine Ecology Minor (60 credits)
199.101, 194.245 or 196.225, 196.326, 196.327.

Mathematics (150 credits)
30 credits from:
Option A

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.101</td>
<td>Calculus I</td>
<td>15</td>
</tr>
<tr>
<td>160.102</td>
<td>Linear Mathematics</td>
<td>15</td>
</tr>
</tbody>
</table>

Option B

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.111</td>
<td>Mathematics 1A</td>
<td>15</td>
</tr>
<tr>
<td>160.112</td>
<td>Mathematics 1B</td>
<td>15</td>
</tr>
</tbody>
</table>

Option C

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.132</td>
<td>Concepts in Mathematics</td>
<td>15</td>
</tr>
<tr>
<td>160.133</td>
<td>Processes in Mathematics</td>
<td>15</td>
</tr>
</tbody>
</table>

60 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.203</td>
<td>Calculus</td>
<td>15</td>
</tr>
<tr>
<td>160.204</td>
<td>Differential Equations I</td>
<td>15</td>
</tr>
<tr>
<td>160.211</td>
<td>Linear Algebra</td>
<td>15</td>
</tr>
<tr>
<td>160.212</td>
<td>Discrete Mathematics</td>
<td>15</td>
</tr>
<tr>
<td>161.200</td>
<td>Statistical Models</td>
<td>15</td>
</tr>
</tbody>
</table>

60 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>124.332</td>
<td>Classical Fields</td>
<td>15</td>
</tr>
<tr>
<td>160.301</td>
<td>Analysis</td>
<td>15</td>
</tr>
<tr>
<td>160.302</td>
<td>Algebra</td>
<td>15</td>
</tr>
<tr>
<td>160.314</td>
<td>Combinatorics</td>
<td>15</td>
</tr>
<tr>
<td>160.318</td>
<td>Differential Equations II</td>
<td>15</td>
</tr>
</tbody>
</table>
### Mathematics Minor (75 credits)

(160.101 and 160.102) or (160.132) (unless exempted for prerequisite purposes) and 160.133 or (160.111 and 160.112); 45 credits at 200 level and 300 level, with at least 15 credits at 300 level, with the prefix 160.

### Microbiology (150 credits)

**Compulsory courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biochemistry of Cells</td>
<td>15</td>
<td>P 123.101, 162.101</td>
</tr>
<tr>
<td>Chemistry and Living Systems</td>
<td>15</td>
<td>R 123.171</td>
</tr>
<tr>
<td>Biology of Cells</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>Genes and Gene Expression</td>
<td>15</td>
<td>P 123.101, 162.101</td>
</tr>
<tr>
<td>Biology and Genetics of Microorganisms</td>
<td>15</td>
<td>P 162.101; R 162.214</td>
</tr>
<tr>
<td>The Microbial World</td>
<td>15</td>
<td>P 162.101, R(D) 162.211 or (141.222) or 162.213 or 196.213</td>
</tr>
<tr>
<td>Medical Microbiology</td>
<td>15</td>
<td>P 162.211</td>
</tr>
<tr>
<td>DNA Technology</td>
<td>15</td>
<td>P 122.231; R 203.340</td>
</tr>
</tbody>
</table>

### Microbiology Minor (60 credits)

162.101; 45 credits at 200 level and 300 level, with at least 15 credits at 300 level, with the prefix 162.

### Nanoscience (180 credits)

No new enrolments from 2018.

**Compulsory courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry and Living Systems</td>
<td>15</td>
<td>R 123.171</td>
</tr>
<tr>
<td>Chemistry and the Material World</td>
<td>15</td>
<td>R 123.172</td>
</tr>
<tr>
<td>Physics for Life Sciences</td>
<td>15</td>
<td>R 124.101, 124.171</td>
</tr>
<tr>
<td>Inorganic Chemistry and Modelling</td>
<td>15</td>
<td>P 123.102 or 123.172</td>
</tr>
<tr>
<td>Biophysics</td>
<td>15</td>
<td>P 124.101 or 124.111 or 124.171; 124.102 or 124.172; 123.101 or 123.102 or 123.172</td>
</tr>
<tr>
<td>Nanoscience</td>
<td>15</td>
<td>P 123.201 or 123.202; R 123.325, 280.412</td>
</tr>
<tr>
<td>Advanced Nanoscience</td>
<td>15</td>
<td>P 123.201 or 123.202, 123.320, 280.312</td>
</tr>
<tr>
<td>Nanoscience and Chemistry Research Project</td>
<td>15</td>
<td>P (236.201, 236.230, 236.227) or (123.201, 123.202, 123.203, 123.204)</td>
</tr>
</tbody>
</table>

### Mathematics in Education (15 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calculus 1</td>
<td>15</td>
<td>R 160.161, 160.112, 160.133, 228.172</td>
</tr>
<tr>
<td>Mathematics 1A</td>
<td>15</td>
<td>P 160.103 or 160.131 or 160.132; R 160.101, 160.102, 160.181, 228.171</td>
</tr>
<tr>
<td>Concepts in Mathematics</td>
<td>15</td>
<td>R 160.101, 160.102, 160.103, 160.111, 160.172, 160.131, 228.171, 228.172, 160.132 may not be taken only if 160.133 has been passed</td>
</tr>
</tbody>
</table>

### Physics (195 credits)

**Compulsory courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physics 1b</td>
<td>15</td>
<td>R 124.171</td>
</tr>
<tr>
<td>Physics for Life Sciences</td>
<td>15</td>
<td>R 124.101, 124.171</td>
</tr>
<tr>
<td>Quantum and Statistical Physics</td>
<td>15</td>
<td>P 124.101 or 124.111 or 124.171, 124.102 or 124.172, 160.112 or 160.101 or 228.172</td>
</tr>
<tr>
<td>Special Relativity and Cosmology</td>
<td>15</td>
<td>P 124.101 or 124.111 or 124.171; R 124.227</td>
</tr>
<tr>
<td>Biophysics</td>
<td>15</td>
<td>P 124.101 or 124.111 or 124.171, 124.102 or 124.172 or 123.101 or 123.171 or 123.102 or 123.172</td>
</tr>
<tr>
<td>Classical Mechanics and Waves</td>
<td>15</td>
<td>P 124.101 or 124.111 or 124.171, 124.102 or 124.172, 160.112 or 160.133 or 160.101 or 228.172; R 124.228</td>
</tr>
<tr>
<td>Calculus</td>
<td>15</td>
<td>P 160.101 or 160.112 or 160.133 or 228.172</td>
</tr>
<tr>
<td>Advanced Experimental Physics</td>
<td>15</td>
<td>P Two of 124.226, 124.229, 124.230, 124.233</td>
</tr>
<tr>
<td>Advanced Quantum Physics</td>
<td>15</td>
<td>P 124.226, 124.233, 160.203</td>
</tr>
<tr>
<td>Modern Statistical Physics and Thermodynamics</td>
<td>15</td>
<td>P 124.226, 160.203</td>
</tr>
<tr>
<td>Classical Fields</td>
<td>15</td>
<td>P 160.203, R 124.328, 160.317</td>
</tr>
</tbody>
</table>

### Nanoscience Minor (90 credits)

No new enrolments from 2018.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calculus 1</td>
<td>15</td>
<td>R 160.161, 160.112, 160.133, 228.172</td>
</tr>
<tr>
<td>Linear Mathematics</td>
<td>15</td>
<td>R 160.112, 160.133, 228.172</td>
</tr>
<tr>
<td>Mathematics 1A</td>
<td>15</td>
<td>P 160.103 or 160.131 or 160.132; R 160.101, 160.102, 160.181, 228.171</td>
</tr>
<tr>
<td>Mathematics 1B</td>
<td>15</td>
<td>P 160.101 or 228.171 or any one of 160.101, 160.102, 160.181; R 228.172; 160.133</td>
</tr>
</tbody>
</table>

### Option A

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calculus 1</td>
<td>15</td>
<td>R 160.161, 160.112, 160.133, 228.172</td>
</tr>
</tbody>
</table>

### Option B

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics 1A</td>
<td>15</td>
<td>P 160.103 or 160.131 or 160.132; R 160.101, 160.102, 160.181, 228.171</td>
</tr>
<tr>
<td>Mathematics 1B</td>
<td>15</td>
<td>P 160.101 or 228.171 or any one of 160.101, 160.102, 160.181; R 228.172; 160.133</td>
</tr>
</tbody>
</table>

### Option C

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concepts in Mathematics</td>
<td>15</td>
<td>R 160.101, 160.102, 160.103, 160.111, 160.112, 160.131, 228.171, 228.172, 160.132 may not be taken only if 160.133 has been passed</td>
</tr>
</tbody>
</table>
### Physics Minor (75 credits)

At least one of 124.111 or 124.171; 124.102 or 124.172; 45 credits at 200 level and 300 level, with at least 15 credits at 300 level, with the prefix 124.

### Physiology (135 credits)

**Compulsory courses:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>194.101</td>
<td>Essentials of Mammalian Biology</td>
<td>15</td>
</tr>
<tr>
<td>194.241</td>
<td>Physiological Control Systems</td>
<td>15</td>
</tr>
<tr>
<td>194.242</td>
<td>Physiology of Mammalian Organ Systems</td>
<td>15</td>
</tr>
</tbody>
</table>

90 credits from –

**At least 15 credits from:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>122.233</td>
<td>Metabolic Biochemistry</td>
<td>15</td>
</tr>
<tr>
<td>151.232</td>
<td>Nutrition and Metabolism</td>
<td>15</td>
</tr>
<tr>
<td>194.243</td>
<td>Physiological Strategies for Survival</td>
<td>15</td>
</tr>
<tr>
<td>194.245</td>
<td>Animal Form and Function</td>
<td>15</td>
</tr>
</tbody>
</table>

At least 60 credits from:

**Selection A** (at least 30 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>194.344</td>
<td>Nerves and the Nervous System</td>
<td>15</td>
</tr>
<tr>
<td>194.346</td>
<td>Control of Metabolism</td>
<td>15</td>
</tr>
</tbody>
</table>

**Selection B**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>151.333</td>
<td>Adult Nutrition and Positive Ageing</td>
<td>15</td>
</tr>
<tr>
<td>194.342</td>
<td>Cell Physiology</td>
<td>15</td>
</tr>
<tr>
<td>194.343</td>
<td>Applied Physiology and Animal Welfare</td>
<td>15</td>
</tr>
<tr>
<td>194.345</td>
<td>Comparative Physiology</td>
<td>15</td>
</tr>
<tr>
<td>194.348</td>
<td>Applied Human Physiology</td>
<td>15</td>
</tr>
</tbody>
</table>

### Physiology Minor (60 credits)

194.101; 45 credits at 200 level and 300 level, with at least 15 credits at 300 level, with the prefix 194.

### Plant Biology Minor (60 credits)

120.101; 45 credits at 200-level and 300-level, with at least 15 credits at 300-level, with the prefix 120.

### Plant Science (180 credits)

**Compulsory courses:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>120.101</td>
<td>Biology of Plants</td>
<td>15</td>
</tr>
<tr>
<td>162.101</td>
<td>Biology of Cells</td>
<td>15</td>
</tr>
<tr>
<td>284.101</td>
<td>Production Horticulture</td>
<td>15</td>
</tr>
<tr>
<td>120.217</td>
<td>Plant, Cell and Environment</td>
<td>15</td>
</tr>
<tr>
<td>120.218</td>
<td>The Flora of New Zealand</td>
<td>15</td>
</tr>
<tr>
<td>120.302</td>
<td>Plant Development</td>
<td>15</td>
</tr>
</tbody>
</table>

15 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>123.101</td>
<td>Chemistry and Living Systems</td>
<td>15</td>
</tr>
</tbody>
</table>

### Psychology (150 credits)

**Compulsory courses**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.101</td>
<td>Psychology as a Social Science</td>
<td>15</td>
</tr>
<tr>
<td>175.102</td>
<td>Psychology as a Natural Science</td>
<td>15</td>
</tr>
<tr>
<td>175.203</td>
<td>Introduction to Psychological Research</td>
<td>15</td>
</tr>
</tbody>
</table>

45 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.201</td>
<td>Social Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.205</td>
<td>Brain and Behaviour</td>
<td>15</td>
</tr>
<tr>
<td>175.206</td>
<td>Memory and Cognition</td>
<td>15</td>
</tr>
<tr>
<td>175.210</td>
<td>Ngā Tirohanga Rua o te Taha Hinengaro: Bicultural Perspectives in Psychology</td>
<td>15</td>
</tr>
</tbody>
</table>

60 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.301</td>
<td>Community Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.302</td>
<td>Abnormal and Therapeutic Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.303</td>
<td>The Practice of Psychological Research</td>
<td>15</td>
</tr>
<tr>
<td>175.304</td>
<td>The Psychology of Security</td>
<td>15</td>
</tr>
<tr>
<td>175.306</td>
<td>Assessment of Individual Differences</td>
<td>15</td>
</tr>
<tr>
<td>175.309</td>
<td>Forensic Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.311</td>
<td>Psychology of Women</td>
<td>15</td>
</tr>
<tr>
<td>175.316</td>
<td>Evolution, Culture and Mind</td>
<td>15</td>
</tr>
<tr>
<td>175.317</td>
<td>Health Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.318</td>
<td>Experimental Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.343</td>
<td>Personnel Psychology and Career Development</td>
<td>15</td>
</tr>
<tr>
<td>175.345</td>
<td>Organisational Psychology</td>
<td>15</td>
</tr>
</tbody>
</table>

### Psychology Minor (75 credits)

175.102; 175.203; and an additional 45 credits, with at least 15 credits at 300 level, with the prefix 175.

### Statistics (150 credits)

**Compulsory course**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>161.200</td>
<td>Statistical Models</td>
<td>15</td>
</tr>
</tbody>
</table>
## Selection A (no more than 15 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.203</td>
<td>Calculus</td>
<td>15</td>
</tr>
<tr>
<td>160.211</td>
<td>Linear Algebra</td>
<td>15</td>
</tr>
</tbody>
</table>

## Selection B

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>161.221</td>
<td>Applied Linear Models</td>
<td>15</td>
</tr>
<tr>
<td>161.223</td>
<td>Introduction to Data Mining</td>
<td>15</td>
</tr>
</tbody>
</table>

## Selection C (at least 60 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>161.304</td>
<td>Advanced Statistical Modelling</td>
<td>15</td>
</tr>
<tr>
<td>161.321</td>
<td>Sampling and Experimental Design</td>
<td>15</td>
</tr>
<tr>
<td>161.322</td>
<td>Design and Analysis of Surveys and Experiments</td>
<td>15</td>
</tr>
<tr>
<td>161.323</td>
<td>Multivariate Analysis</td>
<td>15</td>
</tr>
<tr>
<td>161.324</td>
<td>Data Mining</td>
<td>15</td>
</tr>
<tr>
<td>161.325</td>
<td>Statistical Methods for Quality Improvement</td>
<td>15</td>
</tr>
<tr>
<td>161.327</td>
<td>Generalised Linear Models</td>
<td>15</td>
</tr>
<tr>
<td>161.331</td>
<td>Biostatistics</td>
<td>15</td>
</tr>
<tr>
<td>161.342</td>
<td>Forecasting and Time Series</td>
<td>15</td>
</tr>
</tbody>
</table>

## Statistics Minor (60 credits)

One of 161.120 or 161.130 or 161.101; 45 credits at 200 level and 300 level, with at least 15 credits at 300 level, with the prefix 161.

## Zoology (15 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>162.101</td>
<td>Biology of Cells</td>
<td>15</td>
</tr>
<tr>
<td>160.203</td>
<td>Calculus</td>
<td>15</td>
</tr>
<tr>
<td>160.211</td>
<td>Linear Algebra</td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>161.101</td>
<td>Statistics for Business</td>
<td>15</td>
</tr>
<tr>
<td>161.120</td>
<td>Introductory Statistics</td>
<td>15</td>
</tr>
<tr>
<td>161.130</td>
<td>Introductory Biostatistics</td>
<td>15</td>
</tr>
</tbody>
</table>

## Zoology Minor (60 credits)

199.101; 45 credits at 200 level and 300 level, with at least 15 credits at 300 level, with the prefix 199.

### Schedule C

#### Introductory courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>124.100</td>
<td>Introductory Physics</td>
<td>15</td>
</tr>
<tr>
<td>162.103</td>
<td>Introductory Biology</td>
<td>15</td>
</tr>
</tbody>
</table>

#### Elective courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>117.152</td>
<td>Animals and Agriculture</td>
<td>15</td>
</tr>
<tr>
<td>122.382</td>
<td>Clinical Biochemistry</td>
<td>15</td>
</tr>
<tr>
<td>124.129</td>
<td>Astronomy</td>
<td>15</td>
</tr>
<tr>
<td>124.261</td>
<td>Nonlinear Physics and Chaos</td>
<td>15</td>
</tr>
<tr>
<td>124.350</td>
<td>Computational Physics</td>
<td>15</td>
</tr>
<tr>
<td>158.359</td>
<td>User Experience Design</td>
<td>15</td>
</tr>
<tr>
<td>193.124</td>
<td>Comparative Anatomy for Veterinary Technologists</td>
<td>15</td>
</tr>
<tr>
<td>214.131</td>
<td>Introduction to Food and Nutrition</td>
<td>15</td>
</tr>
<tr>
<td>233.203</td>
<td>Earth Science Field Work II</td>
<td>15</td>
</tr>
<tr>
<td>234.227</td>
<td>Applied Sport Science</td>
<td>15</td>
</tr>
<tr>
<td>285.201</td>
<td>Understanding Plant Protection</td>
<td>15</td>
</tr>
</tbody>
</table>
The Degree of Bachelor of Social Work
BSW

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Degree of Bachelor of Social Work requires that the candidate will:
   (a) meet the University admission requirements as specified;
   (b) meet the requirements for registration as set down by the New Zealand Social Workers Registration Board in terms of candidates being ‘fit and proper persons to practice social work’;
   (c) provide satisfactory evidence of their proficiency in English, in the form of an overall academic score of at least 6.5 in an IELTS assessment with no band score less than 6.5 within the preceding two years, if English is not the applicant’s first language; and
   (d) be selected into the programme.

Qualification Requirements

2. Candidates for the Bachelor of Social Work shall follow a parts-based programme of study, which shall consist of courses totalling at least 480 credits, comprising:
   (a) Parts One, Two, Three, and Four;
   (b) at least four years of study;
   and including:
   (c) any compulsory courses listed in the Schedule to the Degree;
   (d) attending field trips, workshops, tutorials, and practice laboratories as required.

Specialisations

3. The Degree of Bachelor of Social Work is awarded without specialisation.

Academic Requirements

4. Every candidate for the Bachelor of Social Work shall complete the required Field Education courses and at least 120 days of approved supervised field education and associated reports, in accordance with the requirements of the following courses:
   (a) 179.255 Introduction to Field Education
   (b) 179.355 Field Education I
   (c) 179.455 Field Education II.

Student Progression

5. Candidates may progress from Parts One to Two, Two to Three, and Three to Four, by passing all courses in the prior part.

6. Notwithstanding Regulation 5:
   (a) Candidates shall not enrol in Part II unless they have passed courses to at least 75 credits. The candidate may on the recommendation of Academic Board, be permitted to enrol in approved courses of Part II in the same year that the candidate is enrolled in the remaining courses of the previous part.
   (b) Candidates shall not enrol for Part III unless they:
      (i) have passed all the compulsory requirements of the previous parts except that a candidate who has passed all the prerequisites for entry to Part III of the degree, except one of the compulsory courses in Part I or Part II may, with the approval of the Academic Board, be permitted to enrol in Part III;
      (ii) have been admitted to Part III by a selection process approved by the Head of School; and
      (iii) hold a current full driver’s licence valid in New Zealand unless otherwise exempted.
   (c) Candidates shall not enrol in Part IV unless they have been admitted to Part IV by a selection process approved by the Head of School.

7. Candidates must continue to meet the requirements for registration as set down by the New Zealand Social Workers Registration Board in terms of candidates being ‘fit and proper persons to practice social work’; Candidates must advise the Programme Coordinator of any change to their circumstances in this regard within 7 days, including any conviction or criminal charges pending. Annual confirmation of eligibility is required.

8. The Degree of Bachelor of Social Work may be awarded with or without a class of Honours.

Completion Requirements

9. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

10. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Diploma in Arts should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

11. For candidates enrolled in the Degree of Bachelor of Social Work, the following will lead to exclusion from the qualification:
   (a) Failure to meet the requirements for registration as set down by the New Zealand Social Workers Registration Board in terms of candidates being ‘fit and proper persons to practice social work’;
   (b) Failure to obtain a pass in either 179.355 or 179.455 in two successive attempts;
   (c) Persons excluded under clause 11(b) will only be re-admitted to the Degree of Bachelor of Social Work with approval of the Academic Board, which may be declined, or granted under such conditions as it may determine.

Schedule for the Bachelor of Social Work

Part One (120 credits)

Compulsory courses (75 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.103</td>
<td>Nau mai e noho: Engaging with Māori</td>
<td>15</td>
</tr>
<tr>
<td>179.110</td>
<td>Introducing Social and Community Work Practice</td>
<td>15</td>
</tr>
<tr>
<td>179.155</td>
<td>An Introduction to Helping Skills in Social and Community Work Practice</td>
<td>15</td>
</tr>
<tr>
<td>275.102</td>
<td>Human Development</td>
<td>15</td>
</tr>
<tr>
<td>279.101</td>
<td>Social Policy: An Introduction</td>
<td>15</td>
</tr>
<tr>
<td>15 credits from:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>176.101</td>
<td>The Sociological Imagination</td>
<td>15</td>
</tr>
<tr>
<td>176.102</td>
<td>New Zealand Society</td>
<td>15</td>
</tr>
<tr>
<td>157.104</td>
<td>Basic Social Policy</td>
<td></td>
</tr>
</tbody>
</table>

Electives:
Courses to a total of 30 credits drawn from courses offered for other Bachelor’s degrees.

Part Two (120 credits)

Compulsory courses (120 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.201</td>
<td>Te Kawenata o Waitangi: The Treaty of Waitangi in New Zealand Society</td>
<td>15</td>
</tr>
<tr>
<td>150.205</td>
<td>Kura Mai Tawhiti: Māori Knowledge</td>
<td>15</td>
</tr>
<tr>
<td>179.210</td>
<td>Social Work Theories, Assessment and Interventions</td>
<td>15</td>
</tr>
<tr>
<td>179.230</td>
<td>The Wellbeing of Pacific Peoples in New Zealand</td>
<td>15</td>
</tr>
<tr>
<td>179.255</td>
<td>Introduction to Field Education</td>
<td>15</td>
</tr>
<tr>
<td>279.201</td>
<td>Social Policy: Concepts and Theories</td>
<td>15</td>
</tr>
</tbody>
</table>

248 MASSEY UNIVERSITY 2018 CALENDAR
The Degree of Bachelor of Speech and Language Therapy
BSphLangTher

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II
Admission
1. Admission to the Degree of Bachelor of Speech and Language Therapy requires that the candidate will:
   (a) meet the University admission requirements as specified; and will have:
   (b) achieved 14 credits at NCEA Level 3 or higher in English and 16 credits or more at NCEA Level 3 or higher in one of either Biology, Chemistry, Physics, Calculus or Statistics;
   (c) been selected into the Qualification based on a selection process that may include a written application, interview, and practical exercises; and
   (d) achieved an IELTS of 7.0 with no band less than 7.0 within the preceding two years if English is not the applicant’s first language.
2. Admission to the qualification will be granted or withheld on consideration of the admission requirements specified under Regulation 1, a Police Vetting report and a selection process that may include a written application, interview, and practical exercises as may be determined by the College Pro Vice-Chancellor or their delegate.

Qualification Requirements
3. Candidates for the Bachelor of Speech and Language Therapy shall follow a programme of study, which shall consist of courses totalling at least 480 credits, comprising Part 1, Part 2, Part 3, Part 4 courses, as specified in the Schedule to the Qualification.

Specialisations
4. There are no specialisations for this qualification.

Academic Requirements
5. Every candidate for the Degree of Bachelor of Speech and Language Therapy shall perform to the satisfaction of the College Pro Vice-Chancellor or their delegate at least 200 hours of supervised clinical practice, in accordance with the requirements of the following courses:
   271.256 Field Work and Clinical Skills I
   271.396 Field Work and Clinical Skills II
   271.496 Advanced Clinical Course I
   271.498 Advanced Clinical Course II

Student Progression
6. In order to progress from Part 1 to Part 2, Part 2 to Part 3, or Part 3 to Part 4 a candidate must have passed all courses in the preceding Part.

Completion Requirements
7. A Candidate’s programme of study may not exceed six consecutive years, unless a specified time of suspension or extension has been approved by the College Pro Vice-Chancellor or their delegate, under such conditions as they may determine. Permission must be sought in advance of any suspension or extension by applying in writing to the Pro Vice-Chancellor or their delegate. Details of any suspension or extension granted will appear on the academic record.
8. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress
9. For candidates enrolled in the Bachelor of Speech and Language Therapy the following will lead to exclusion from the qualification:
   (a) failure to complete a compulsory course in two successive attempts;
   (b) failure to pass courses totalling at least 75 credits or failure to pass at least 60 percent of an approved part-time programme of study in any academic year;
   (c) failure to complete the degree within six consecutive years, unless a suspension or extension has been granted under Clause 7.

Schedule for the Bachelor of Speech and Language Therapy

Part 1
1. Admission
   172.133 Introduction to Language Studies 15
   172.234 Phonetics 15
   175.102 Psychology as a Natural Science 15
   254.102 Introduction to Professional and Ethical Practice in Different Learning Contexts 15
   271.150 Introduction to Communication Disorders 15 R 188.150
   271.151 Anatomy and Physiology of Speech and Hearing 15
   271.152 Speech-Language Therapy and the Treaty of Waitangi 15
   271.154 Speech and Language Development 15

Part 2
1. Admission
   172.231 Linguistics for Speech Therapists 15 P 172.133; R 172.235
   175.206 Memory and Cognition 15 P 175.102
   271.253 Child Language Disorders I 15
   271.254 Articulation and Phonological Disorders in Children 15
   271.255 Assessment Methods for Speech and Language Disorders 15
   271.256 Field Work and Clinical Skills I 15
   271.257 Child Language Disorders II 15 P 271.253; R 188.257
   271.258 Neurogenic Communication Disorders I 15

Part 3
1. Admission
   172.233 Language Learning Processes 15
   271.392 Augmentative and Alternative Communication 15
Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Degree of Bachelor of Speech and Language Therapy with Honours requires that the candidate will:
   (a) meet the University admission requirements as specified; and will:
   (b) have achieved 14 credits at NCEA Level 3 or higher in English and 16 credits or more at NCEA Level 3 or higher in one of the following subjects: Biology, Chemistry, Physics, Calculus or Statistics; and will have:
   (c) been selected into the Qualification based on a selection process that may include a written application, interview and practical exercises; and
   (d) achieved an IELTS of 7.0 with no band less than 7.0 within the preceding two years if English is not the applicant’s first language.

Qualification Requirements

2. Candidates for the Degree of Bachelor of Speech and Language Therapy with Honours shall follow a parts-based programme of study, which shall consist of courses totalling at least 480 credits, comprising Part 1, Part 2, Part 3, Part 4 courses, as specified in the Schedule to the Qualification; and including attending field trips, workshops, tutorials, and laboratories as required.

Specialisations

3. There are no specialisations for this qualification.

Academic Requirements

4. Every candidate for the Degree of Bachelor of Speech and Language Therapy with Honours shall perform to the satisfaction of Academic Board or their delegate at least 200 hours of supervised clinical practice, in accordance with the requirements of the following courses:

   271.150 Field Work and Clinical Skills I
   271.151 Field Work and Clinical Skills II
   271.152 Advanced Clinical Practicum I
   271.153 Advanced Clinical Practicum II
   271.154 Advanced Clinical Practicum III

Student Progression

5. In order to progress from Part 1 to Part 2, or Part 2 to Part 3 a candidate must have passed all courses in the preceding Part.

6. For progression to Part 4 of Bachelor of Speech and Language Therapy with Honours, candidates must have maintained at least a B+ grade average in the Part 3 courses.

7. The Degree of Bachelor of Speech and Language Therapy with Honours may be awarded with First Class Honours or with Second Class Honours Division I or Second Class Honours Division II or with Third Class Honours. The class of Honours awarded shall be determined by the examiners on the performance of the candidate in Part 4 of the programme.

Completion Requirements

8. A candidate’s programme of study may not exceed six consecutive years, unless a specified time of suspension or extension has been approved by the Academic Board. Permission must be sought in advance of any suspension or extension by applying in writing to the College Pro Vice-Chancellor or their delegate. Suspensions or extensions granted will appear on the academic transcript.

9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Bachelor of Speech and Language Therapy should they meet the relevant qualification requirements.

Unsatisfactory Academic Progress

10. For candidates enrolled in the Bachelor of Speech and Language Therapy with Honours the following will lead to exclusion from the qualification:
   (a) failure to complete a compulsory course in two successive attempts;
   (b) failure to pass courses totalling at least 75 credits or failure to pass at least 60 percent of an approved part-time programme of study in any academic year;
   (c) failure to complete the degree within six consecutive years, unless a suspension or extension has been granted under Regulation 8.

Schedule for the Bachelor of Speech and Language Therapy with Honours

Part 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>172.133</td>
<td>Introduction to Language Studies</td>
<td>15</td>
</tr>
<tr>
<td>172.234</td>
<td>Phonetics</td>
<td>15</td>
</tr>
<tr>
<td>175.102</td>
<td>Psychology as a Natural Science</td>
<td>15</td>
</tr>
<tr>
<td>254.102</td>
<td>Introduction to Professional and Ethical Practice</td>
<td>15</td>
</tr>
<tr>
<td>271.150</td>
<td>Introduction to Communication Disorders</td>
<td>15</td>
</tr>
<tr>
<td>271.151</td>
<td>Anatomy and Physiology of Speech and Hearing</td>
<td>15</td>
</tr>
<tr>
<td>271.152</td>
<td>Speech-Language Therapy and the Treaty of Waitangi</td>
<td>15</td>
</tr>
<tr>
<td>271.154</td>
<td>Speech and Language Development</td>
<td>15</td>
</tr>
</tbody>
</table>

Part 2

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>172.231</td>
<td>Linguistics for Speech Therapists</td>
<td>15</td>
</tr>
<tr>
<td>175.206</td>
<td>Memory and Cognition</td>
<td>15</td>
</tr>
<tr>
<td>271.253</td>
<td>Child Language Disorders</td>
<td>15</td>
</tr>
<tr>
<td>271.254</td>
<td>Articulation and Phonological Disorders in Children</td>
<td>15</td>
</tr>
<tr>
<td>271.255</td>
<td>Assessment Methods for Speech and Language Disorders</td>
<td>15</td>
</tr>
</tbody>
</table>
Part 3

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>271.233</td>
<td>Language Learning Processes</td>
<td>15</td>
</tr>
<tr>
<td>271.392</td>
<td>Augmentative and Alternative Communication</td>
<td>15</td>
</tr>
<tr>
<td>271.393</td>
<td>Neurogenic Communication Disorders II</td>
<td>15</td>
</tr>
<tr>
<td>271.394</td>
<td>Motor Speech Disorders</td>
<td>15</td>
</tr>
<tr>
<td>271.395</td>
<td>Fluency Disorders</td>
<td>15</td>
</tr>
<tr>
<td>271.396</td>
<td>Field Work and Clinical Skills II</td>
<td>15</td>
</tr>
</tbody>
</table>

The Degree of Bachelor of Sport and Exercise
BSpEx

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II
Admission
1. Admission to the Degree of Bachelor of Sport and Exercise requires that the candidate will meet the University admission requirements as specified.

Qualification Requirements
2. Candidates for the Degree of Bachelor of Sport and Exercise shall follow a flexible programme of study, which shall consist of courses totalling at least 360 credits, comprising:
   (a) not more than 165 credits at 100-level;
   (b) at least 75 credits at 300-level;
   And including:
   (c) the core courses listed in Schedule A to the Qualification;
   (d) any compulsory courses listed in the Schedule to the Qualification;
   (e) at least 270 credits from the courses listed in the Schedule for the Qualification, of which at least 60 credits must be at 300-level;
   (f) attending field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
3. The Degree of Bachelor of Sport and Exercise may be awarded with or without a major.
4. Candidates may complete a major by passing at least 180 credits in a specialisation. The requirements for each major are set out in Schedule B to the Qualification.
5. Approved majors are: Exercise Prescription and Training (195 credits), and Physical Education (180 credits).
6. Candidates may include a minor in the Degree of Bachelor of Sport and Exercise.
   (a) A minor must include a minimum of 60 credits, including at least 45 credits above 100-level, of which at least 15 credits must be at 300-level.
   (b) The requirements for each minor are set out in Schedule B to the Qualification.
   (c) The minor must be in a different subject area from the major(s).
   (d) Minors may be included from any undergraduate degree within the University for which recognised minors are specified.
   (e) Where the minor is from another undergraduate degree the regulations of that programme for the minor will apply.
   (f) No course may be credited to both a major and a minor.

Completion Requirements
7. Approved minors are: Equine, and Sport and Exercise Psychology.
8. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.
9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Diploma in Science and Technology should they meet the relevant Qualification requirements.

 Unsatisfactory Academic Progress
10. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Bachelor of Sport and Exercise

Schedule A: Core Courses
Compulsory courses (120 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.111</td>
<td>Training Principles and Practice</td>
<td>15</td>
</tr>
<tr>
<td>234.130</td>
<td>Introduction to Sport Coaching</td>
<td>15</td>
</tr>
<tr>
<td>234.131</td>
<td>Introduction to Sport Management</td>
<td>15</td>
</tr>
<tr>
<td>234.140</td>
<td>Introduction to Physical Education</td>
<td>15</td>
</tr>
<tr>
<td>234.141</td>
<td>Introduction to Human Movement</td>
<td>15</td>
</tr>
<tr>
<td>234.243</td>
<td>Sport Pedagogy</td>
<td>15</td>
</tr>
<tr>
<td>234.331</td>
<td>Sport in the Social Context</td>
<td>15</td>
</tr>
</tbody>
</table>

15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>247.155</td>
<td>Communication in the Sciences</td>
<td>15</td>
</tr>
<tr>
<td>219.100</td>
<td>Introduction to Business Communication</td>
<td>15</td>
</tr>
<tr>
<td>230.111</td>
<td>Tū Kupu: Writing and Inquiry</td>
<td>15</td>
</tr>
</tbody>
</table>

Schedule B: Specialisations

Equine Minor
Compulsory courses (60 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>286.101</td>
<td>Equine Production</td>
<td>15</td>
</tr>
<tr>
<td>286.211</td>
<td>Structure and Function of the Equine Athlete</td>
<td>15</td>
</tr>
<tr>
<td>286.321</td>
<td>Responses to Training in the Equine Athlete</td>
<td>15</td>
</tr>
</tbody>
</table>

MASSEY UNIVERSITY 2018 CALENDAR 251
## Qualification Regulations

### Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

### Part II

#### Admission

1. Admission to the Degree of Bachelor of Sport Management requires that the candidate will meet the University admission requirements as specified.

#### Qualification Requirements

2. Candidates for the Degree of Bachelor of Sport Management shall follow a flexible programme of study, which shall consist of courses totalling at least 360 credits, comprising:

### Schedule C: Elective Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>214.131</td>
<td>Introduction to Food and Nutrition</td>
<td>15</td>
</tr>
<tr>
<td>234.222</td>
<td>Sport Biomechanics I</td>
<td>15</td>
</tr>
<tr>
<td>234.225</td>
<td>Nutrition for Sport, Exercise and Health</td>
<td>15</td>
</tr>
<tr>
<td>234.234</td>
<td>Ergonomics/Human Factors: Work, Performance, Health and Design</td>
<td>15</td>
</tr>
<tr>
<td>148.334</td>
<td>Sports History</td>
<td>15</td>
</tr>
<tr>
<td>234.322</td>
<td>Sport Biomechanics II</td>
<td>15</td>
</tr>
<tr>
<td>234.323</td>
<td>Exercise Physiology II</td>
<td>15</td>
</tr>
<tr>
<td>234.327</td>
<td>Investigating Sports Performance</td>
<td>15</td>
</tr>
</tbody>
</table>

### The Degree of Bachelor of Sport Management BSptMgt

### Exercise Prescription and Training

#### Compulsory courses (195 credits):

- **214.101** Human Bioscience: Normal Body Function 15 credits
- **214.131** Introduction to Food and Nutrition 15 credits
- **234.120** Introduction to Sport and Exercise Science 15 credits
- **234.121** Structural Kinesiology 15 credits
- **234.213** Fitness Assessment 15 credits
- **234.214** Exercise Prescription 15 credits
- **234.223** Exercise Physiology 15 credits
- **234.227** Applied Sport Science 15 credits
- **234.312** Advanced Exercise Prescription and Therapy 15 credits
- **234.315** Fitness and Athletic Conditioning 15 credits
- **234.316** Exercise Prescription Practicum 30 credits
- **234.380** Sport Psychology 15 credits

### Management and Coaching (No new enrolments from 2016)

#### Compulsory courses (180 credits):

- **115.114** Finance Fundamentals 15 credits
- **115.116** Introduction to Marketing 15 credits
- **219.205** Professional Presentations in Business 15 credits
- **234.232** Sport Business 15 credits
- **234.233** Sport Event Management 15 credits
- **234.234** Sport Management Planning and Promotion 15 credits
- **234.236** Sport Coaching: Management and Leadership 15 credits
- **234.239** Sport Economics 15 credits
- **155.315** Sport Law 15 credits
- **234.338** Sport Management/Coaching Practicum 30 credits
- **234.380** Sport Psychology 15 credits

### Physical Education

#### Compulsory courses (180 credits):

- **234.120** Introduction to Sport and Exercise Science 15 credits
- **234.121** Structural Kinesiology 15 credits
- **275.102** Human Development 15 credits
- **234.227** Applied Sport Science 15 credits
- **234.242** Motor Skill Learning 15 credits
- **234.244** Sport Performance 30 credits
- **234.315** Fitness and Athletic Conditioning 15 credits
- **234.343** Sport Pedagogy II 15 credits
- **234.345** An Integrated Model of Physical Education 15 credits
- **234.346** Promoting Hauora through Tai Ao Kori 15 credits
- **234.347** Current Issues in Health and Physical Education 15 credits
- **234.360** Sport Psychology 15 credits
- **234.361** Exercise Psychology 15 credits

### Sport and Exercise Psychology Minor

#### Compulsory courses (30 credits):

- **175.101** Psychology as a Social Science 15 credits
- **175.102** Psychology as a Natural Science 15 credits
- **234.130** Introduction to Sport Coaching 15 credits

### The Degree of Bachelor of Sport Management BSptMgt
(a) not more than 150 credits at 100-level;
(b) at least 90 credits at 300-level;
and including:
(c) the core courses listed in the Schedule for the Qualification;
(d) attending field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
3. Candidates may include a minor in the Degree of Bachelor of Sport Management.
   (a) Minors may be included from any undergraduate degree within the University for which recognised minors are specified.
   (b) Where the minor is from another undergraduate degree the regulations of that programme for the minor will apply.
   (c) No course may be credited to both a major and a minor.

Academic Requirements
4. Every candidate for the Degree of Bachelor of Sport Management shall complete to the satisfaction of the Academic Board, a minimum of 200 hours of approved field experience, practical work and associated reports in accordance with the following courses:
   (a) 234.238 Professional Development for the Sport Industry
   (b) 234.338 Sport Practicum.

Completion Requirements
5. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.
6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded an appropriate qualification, should they meet the relevant Qualification requirements.

The Degree of Bachelor of Veterinary Science
BVSc

Qualification Regulations
Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II
Admission
The Bachelor of Veterinary Science consists of two parts, being a pre-selection phase followed by the professional phase.
1. Admission to the pre-selection phase of the Bachelor of Veterinary Science requires that the candidate will meet the University admission requirements as specified.
2. Entry to the professional phase is by selection in accordance with criteria established by the Veterinary Science Student Selection Committee, which will include consideration of academic performance, relevant experience and a selection process that may include a written application, interview, and practical components.
3. Notwithstanding Regulation 13 candidates seeking admission or re-admission into the Degree of Bachelor of Veterinary Science after the second examination, will be ranked in accordance with the criteria outlined under the Transfer and Re-Entry Policy for the Degree and may only be (re)admitted should sufficient places be available.
4. Candidates who are excluded from the programme may be readmitted only with the approval of the Academic Board and under such conditions as it may determine.

Qualification Requirements
5. Candidates for the Bachelor of Veterinary Science shall follow a fixed programme of study, over at least 5 years, which shall consist of courses totalling at least 600 credits, comprising a first, second, third, fourth, fifth and sixth examination. The subjects of the examinations are prescribed in the Schedule to the Degree.
6. Notwithstanding Regulation 12, a candidate who has satisfied the requirements in a subject for any examination at a university or other tertiary institution where, in the opinion of the Academic Board, the content and standard are substantially the same as for the Degree of Bachelor of Veterinary Science may, subject to the approval of, and under conditions required by, the Programme Director, be given credit for that subject.
7. Candidates may at the discretion of Academic Board, be permitted to enrol into the Bachelor of Veterinary Science after the second examination, but no later than the start of the fifth examination, subject to:
   (a) being in good standing in a recognised Veterinary Science degree programme or equivalent; and
   (b) having passed with sufficient merit, subjects to be transfer credited with specified or unspecified courses not exceeding 360 credits.

Specialisations
8. The Degree of Bachelor of Veterinary Science is awarded without specialisation.

Academic Requirements
9. Every candidate for the Degree of Bachelor of Veterinary Science shall perform to the satisfaction of the Academic Board, approved practical work in accordance with the following courses and as specified by regulations 18 to 24:
   (a) 227.110 Farm Practical Training;
   (b) 227.310 Farm Practical Work;
   (c) 227.410 Veterinary Practical Work.
Credit will be given only for the practical work completed in accordance with the conditions detailed by the Veterinary Practical Work Committee.
**Student Progression**

10. After the first examination, no candidate for the Bachelor of Veterinary Science may commence the programme for, or present themselves for, any examination until they have passed in all the subjects of the previous examination.

11. The Academic Board may, under such conditions as it may determine and taking into account the recommendations of the examiners, admit any candidate to a supplementary examination in a subject or subjects in which the candidate failed to gain a pass.

12. Except for supplementary examinations, a candidate must be offered all subjects of an examination at the one examination.

13. Candidates must present themselves for examinations in consecutive academic years; unless approved in writing by the Programme Director.

14. The Bachelor of Veterinary Science may be awarded with Distinction to the top 15 percent of the final year class, based on the grade average achieved upon first attempt over the fourth, fifth and sixth examinations.

**Completion Requirements**

15. A candidate’s programme of study may not exceed eight years from the date of first enrolment in the professional phase of the Bachelor of Veterinary Science, unless a specified time of suspension or extension has been approved by the Academic Board. Permission must be sought in advance of any suspension or extension by applying in writing to the Programme Director. Suspensions or extensions granted will appear on the academic record.

16. Candidates may be graduated when they meet the Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded an exit qualification should they meet the relevant qualification requirements.

**Unsatisfactory Academic Progress**

17. For candidates enrolled in the Degree of Bachelor of Veterinary Science, the following will lead to exclusion from that programme:

(a) failure of the Second Examination;

(b) failure to pass either the Third, Fourth, Fifth, or Sixth Examination in two successive attempts;

(c) failure to complete the requirements of the Degree within 8 years from the date of first enrolment in the professional phase of the Degree.

(d) Persons excluded under clause 17(b) and 17(c) will only be re-admitted to the BVSc programme with approval of Academic Board under such conditions as it may determine.

(e) Persons excluded twice under clause 17(b) above will not be permitted to re-enrol for the BVSc degree.

**Transitional Provisions**

18. All candidates commencing study towards the Bachelor of Veterinary Science during or after 2013 must satisfy the requirements of these regulations as specified in Schedule A to the Degree.

19. Candidates who are re-entering the degree under regulations 3 and 4, subsequent to the teaching of courses under Schedule A, must satisfy the requirements specified in these regulations as specified in Schedule A to the Degree. From the point of re-entry into the degree, candidates re-entering the degree at the beginning of the third examination must, in addition, successfully complete 227.110 Farm Practical Training.

20. Candidates who commenced their study under the 2012 or earlier regulations and who are required to repeat an examination, must satisfy the requirements of these regulations, as specified in Schedule A to the Degree. From the start of the examination being repeated candidates repeating the third examination must, in addition, successfully complete 227.110 Farm Practical Training.

21. In all cases candidates must complete the qualification within the timeframes for completion as specified in the Completion Requirements.

**Schedules for the Degree of Bachelor of Veterinary Science**

**Schedule A – Subjects for Examination**

**Pre-Selection Phase**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>123.101</td>
<td>Chemistry and Living Systems</td>
<td>15</td>
</tr>
<tr>
<td>124.111</td>
<td>Physics for Life Sciences</td>
<td>15</td>
</tr>
<tr>
<td>162.101</td>
<td>Biology of Cells</td>
<td>15</td>
</tr>
<tr>
<td>199.101</td>
<td>Biology of Animals</td>
<td>15</td>
</tr>
</tbody>
</table>

**Second Examination**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>227.110</td>
<td>Farm Practical Training</td>
<td></td>
</tr>
<tr>
<td>227.111</td>
<td>Biochemistry for Veterinary Science</td>
<td>12</td>
</tr>
<tr>
<td>227.112</td>
<td>Veterinary Structure and Function I</td>
<td>13</td>
</tr>
<tr>
<td>227.113</td>
<td>Animal Production, Behaviour, Welfare and Handling</td>
<td>16</td>
</tr>
<tr>
<td>227.114</td>
<td>Veterinary Professional Studies</td>
<td>7</td>
</tr>
<tr>
<td>227.115</td>
<td>Integrative Studies in Veterinary Science I</td>
<td></td>
</tr>
</tbody>
</table>

**Third Examination**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>227.211</td>
<td>Veterinary Structure and Function II</td>
<td>46</td>
</tr>
<tr>
<td>227.212</td>
<td>Animal Production for Veterinarians I</td>
<td>15</td>
</tr>
<tr>
<td>227.213</td>
<td>Introductory Veterinary Clinical Studies I</td>
<td>10</td>
</tr>
<tr>
<td>227.214</td>
<td>Integrative Studies in Veterinary Science II</td>
<td>12</td>
</tr>
<tr>
<td>227.215</td>
<td>Animal Production for Veterinarians II</td>
<td>15</td>
</tr>
<tr>
<td>227.216</td>
<td>Veterinary Infectious and Parasitic Diseases I</td>
<td>10</td>
</tr>
<tr>
<td>227.217</td>
<td>Integrative Studies in Veterinary Science III</td>
<td>12</td>
</tr>
</tbody>
</table>

**Fourth Examination**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>227.310</td>
<td>BVSc Farm Practical Work</td>
<td></td>
</tr>
<tr>
<td>227.311</td>
<td>Farm Animal Population Health and Production</td>
<td>22</td>
</tr>
<tr>
<td>227.312</td>
<td>Veterinary Infectious and Parasitic Diseases II</td>
<td>19</td>
</tr>
<tr>
<td>227.313</td>
<td>Veterinary Anatomic and Clinical Pathology I</td>
<td>21</td>
</tr>
<tr>
<td>227.314</td>
<td>Introductory Veterinary Clinical Studies II</td>
<td>16</td>
</tr>
<tr>
<td>227.315</td>
<td>Small Animal and Equine Medicine, Surgery and Therapeutics I</td>
<td>18</td>
</tr>
<tr>
<td>227.317</td>
<td>Integrative Studies in Veterinary Science V</td>
<td></td>
</tr>
<tr>
<td>227.325</td>
<td>Integrative Studies in Veterinary Science IV</td>
<td>12</td>
</tr>
</tbody>
</table>

**Fifth Examination**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>227.410</td>
<td>BVSc Veterinary Practical Work</td>
<td>0</td>
</tr>
<tr>
<td>227.411</td>
<td>Veterinary Anatomic and Clinical Pathology II</td>
<td>16</td>
</tr>
<tr>
<td>227.412</td>
<td>Integrative Studies in Infectious Diseases</td>
<td>6</td>
</tr>
<tr>
<td>227.413</td>
<td>Cattle Health, Production, Population Medicine and Therapeutics</td>
<td>12</td>
</tr>
<tr>
<td>227.414</td>
<td>Small Animal and Equine Medicine, Surgery and Therapeutics II</td>
<td>25</td>
</tr>
<tr>
<td>227.416</td>
<td>Production Animal Medicine and Veterinary Public Health</td>
<td>12</td>
</tr>
<tr>
<td>227.417</td>
<td>Small Animal and Equine Medicine, Surgery and Therapeutics III</td>
<td>25</td>
</tr>
<tr>
<td>227.418</td>
<td>Integrative Studies in Veterinary Science VII</td>
<td></td>
</tr>
<tr>
<td>227.425</td>
<td>Integrative Studies in Veterinary Science VI</td>
<td>12</td>
</tr>
</tbody>
</table>

**Sixth Examination**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>227.511</td>
<td>Veterinary Clinics and Public Health</td>
<td>120</td>
</tr>
</tbody>
</table>
The Degree of Bachelor of Veterinary Technology
BVetTech

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II
Admission
The Degree of Bachelor of Veterinary Technology consists of two phases, being a pre-selection phase followed by the professional phase.
1. Admission to the pre-selection phase of the Degree of Bachelor of Veterinary Technology requires that the candidate will meet the University admission requirements as specified.
2. Entry to the professional phase is by selection in accordance with criteria established by the Veterinary Technology Student Selection Committee, which will include consideration of Grade (Point) Average over subjects of Part One or approved alternatives, an essay, and requires a minimum of 10 days assessed experience in a Veterinary Practice.
3. Candidates seeking admission or re-admission into the Degree of Bachelor of Veterinary Technology after Part Two will be ranked in accordance with the criteria outlined under the Transfer and Re-Entry Policy for the Degree and may only be (re)admitted should sufficient places be available.

Qualification Requirements
4. Candidates for the Degree of Bachelor of Veterinary Technology shall follow a parts-based programme of study, over at least 3 years, which shall consist of courses totalling at least 360 credits, comprising:
   (a) Part One, Part Two, Part Three and Part Four;
   (b) completion of the requirements for a Track;
   and including:
   (c) no more than 165 credits at 100 level;
   (d) at least 75 credits at 300 level.
   The Bachelor of Veterinary Technology Parts are prescribed in the Schedule to the Degree.
5. Notwithstanding Regulation 4, a candidate who has satisfied the requirements in a subject at a university or other tertiary institution where, in the opinion of the Academic Board, the content and standard are substantially the same as for the Degree of Bachelor of Veterinary Technology may, subject to the approval of, and under conditions required by, the Programme Director, be given credit for that subject.
6. Notwithstanding Regulation 4, a candidate who has been awarded the Diploma in Veterinary Nursing from Massey University may be cross-credited with courses at any level to a maximum of 150 credits. Further credit will only be awarded following surrender of the Diploma.

Specialisations
7. The Degree of Bachelor of Veterinary Technology is awarded without specialisation.

Academic Requirements
8. Every candidate for the Degree of Bachelor of Veterinary Technology shall perform to the satisfaction of the Academic Board, approved practical work in accordance with the following courses:
   (a) 193.105 Veterinary Technology Practical Experience and Farm Training;
   (b) 193.220 Veterinary Technology Clinical Experience;
   (c) 193.306 Integrative Studies for Veterinary Technologists,
9. Failure to complete practical placement requirements of Regulation 8(a) and (b) will preclude candidates from entry into Part Four.

Student Progression
10. In order to progress from Part One to Part Two, Part Two to Part Three, or Part Three to Part Four a candidate must have passed all courses in the preceding Part.
11. The Academic Board may, under such conditions as it may determine and taking into account the recommendations of the examiners, admit any candidate to a supplementary examination where available in a course in which the candidate failed to gain a pass.

Completion Requirements
12. A candidate’s programme of study may not exceed five years from the date of first enrolment in the professional phase of the Bachelor of Veterinary Technology, unless a specified time of suspension or extension has been approved by the Academic Board. Permission must be sought in advance of any suspension or extension by applying to the Programme Director. Suspensions or extensions granted will appear on the academic record.
13. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded an exit qualification should they meet the relevant qualification requirements.

Unsatisfactory Academic Progress
14. For candidates enrolled in the Degree of Bachelor of Veterinary Technology, the following will lead to exclusion from that programme:
   (a) failure to pass any 200 and 300 level course in which they have enrolled on two occasions;
   (b) failure to complete the requirements of the degree within five years from the date of first enrolment in the professional phase of the degree;
   (c) persons excluded under regulation 14(a) and 14(b) will only be re-admitted to the Degree of Bachelor of Veterinary Technology with approval of Academic Board under such conditions as it may determine.

Transitional Provisions
15. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates who have completed at least 15 credits towards the Bachelor of Veterinary Technology (Management/Business track) prior to 1 January 2017 may be permitted to substitute a course or courses already completed for one or more of the following courses: 115.112, 115.115, 115.116. These transition arrangements expire 31 December 2021.
16. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, all candidates who commenced study towards the Bachelor of Veterinary Technology prior to 1 January 2018 may substitute 193.125 for 193.105. These transition arrangements expire 31 December 2021.

Schedules for the Degree of Bachelor of Veterinary Technology

Schedule A – Subjects for Examination

Pre-Selection Phase
Part One courses:
- 247.155 Communication in the Sciences 15

Professional Phase
Part Two courses:
- 193.103 Animal Behaviour, Handling and Welfare 15
- 193.122 Principles and Practice of Veterinary Nursing 15
- 193.124 Comparative Anatomy for Veterinary Technologists 15
- 194.101 Essentials of Mammalian Biology 15
Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Conjoint Programme for Bachelor of Arts and Bachelor of Business requires that the candidate will meet the University admission requirements as specified.
2. A candidate who has already completed the requirements of one of the component degrees will not be permitted to enrol in the conjoint programme.

Qualification Requirements

3. Candidates for the Conjoint Programme for Bachelor of Arts and Bachelor of Business shall follow a flexible programme of study, which shall consist of courses totalling at least 510 credits, comprising:
   (a) completion of a Bachelor of Arts component;
   (b) completion of a Bachelor of Business component;
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.
4. Each course successfully completed for the conjoint programme shall be credited to one or other of the two components. Except as provided by these regulations, each component shall be governed by the regulations of the corresponding degree.
5. Courses may not be cross-credited into or between components of the conjoint programme.
6. The Bachelor of Arts component shall consist of a total of 255 credits made up as follows:
   (a) The five compulsory Arts courses: 230.110, 230.111, 230.112, 230.210, and 230.310. Courses 230.110, 230.111 and 230.112 must be completed within the first 120 credits of the BA component. Course 230.210 must be completed within the first 195 credits of the BA component.
   (b) The majoring requirements of at least one subject as specified in the BA Schedule. Business Psychology is not available as a major in the BA Schedule. Business Psychology is not available as a major in the conjoint programme.

The Conjoint Programme for Bachelor of Arts and Bachelor of Business

BA/BBus

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Conjoint Programme for Bachelor of Arts and Bachelor of Business requires that the candidate will meet the University admission requirements as specified.
2. A candidate who has already completed the requirements of one of the component degrees will not be permitted to enrol in the conjoint programme.

Qualification Requirements

3. Candidates for the Conjoint Programme for Bachelor of Arts and Bachelor of Business shall follow a flexible programme of study, which shall consist of courses totalling at least 510 credits, comprising:
   (a) completion of a Bachelor of Arts component;
   (b) completion of a Bachelor of Business component;
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.
4. Each course successfully completed for the conjoint programme shall be credited to one or other of the two components. Except as provided by these regulations, each component shall be governed by the regulations of the corresponding degree.
5. Courses may not be cross-credited into or between components of the conjoint BA/BBus programme.
6. The Bachelor of Arts component shall consist of a total of 255 credits made up as follows:
   (a) The five compulsory Arts courses: 230.110, 230.111, 230.112, 230.210, and 230.310. Courses 230.110, 230.111 and 230.112 must be completed within the first 120 credits of the BA component. Course 230.210 must be completed within the first 195 credits of the BA component.
   (b) The majoring requirements of at least one subject as specified in the BA Schedule. Business Psychology is not available as a major in the conjoint programme.
(c) Courses with prefixes 114, 115, 152, 153, 178, 190 and 219 may be included in the BA component only if they are listed on the schedule for a major in Defence Studies, Economics, Environmental Studies, Media Studies, Politics, Security Studies or Social Policy, and only by students enrolled in that major.

(d) No fewer than 45 credits selected from Schedule B or Schedule C of the Bachelor of Arts Schedule.

(e) Students may not include in these 45 credits courses with prefixes 114, 115, 152, 153, 178, 190 or 219.

7. The Bachelor of Business component shall consist of a total of 255 credits made up as follows:


(b) Completion of a major in accordance with the regulations for the BBus.

(c) No fewer than 120 credits at the 200 level or above, of which at least 60 credits must be at the 300 level, selected from Schedule B of the Schedule for the BBus degree.

(d) Students taking a major in Economics in the BA component may not include courses from this major in the BBus component.

Specialisations
8. Candidates may complete a major in each component by complying with the requirements of the regulations of the corresponding degree.

Student Progression
9. Candidates shall pass all courses and maintain a grade average of B or higher in order to continue enrolment in the conjoint programme.

10. A candidate is required to advance studies concurrently in both components of the programme in each year of enrolment.

Completion Requirements
11. A candidate’s programme of study may not exceed 10 years from the date of first enrolment in a course to be credited to the Conjoint Programme for Bachelor of Arts and Bachelor of Business.

12. Candidates may be graduated and jointly awarded the Bachelor of Arts and the Bachelor of Business when they meet the Admission, Qualification, and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Bachelor of Arts or the Bachelor of Business or another qualification should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
13. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions
14. Notwithstanding Regulation 9, candidates who were enrolled in the Conjoint Programme for Bachelor of Arts and Bachelor of Business commencing in 2015 or earlier shall pass all courses and achieve a grade average of B- or higher each year in order to continue enrolment in the conjoint programme.

Transition Arrangements – BA Component
15. All candidates who commence study towards the Conjoint Bachelor of Arts/Bachelor of Business on or after 1 January 2016 must satisfy the requirements as specified in these regulations.

16. Candidates who have passed 45 or fewer credits towards the Bachelor of Arts component prior to 1 January 2016 will transfer to these regulations and satisfy the requirements as specified.

17. Candidates who have passed at least 60 credits but fewer than 135 credits towards the Bachelor of Arts component prior to 1 January 2016 will transfer to the 2016 regulations under the following conditions:

18. Candidates are required to complete one of course 230.111 or 230.112 but not both.

19. Completion of course 230.110 and either 230.111 or 230.112 must be completed within the first 165 credits of their study in the Bachelor of Arts component.

20. Candidates who have passed at least 135 credits of study towards the Bachelor of Arts component prior to 1 January 2016 may complete the degree under 2015 regulations, subject to the time limit specified in Regulation 11.

21. Candidates who have passed at least 135 credits of study towards the Bachelor of Arts component prior to 1 January 2016 may choose to transfer to the 2016 regulations but must satisfy all requirements as specified.

22. These transition arrangements expire at the end of 2019.

Transition Arrangements – BBus Component
23. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates who have passed fewer than 180 credits towards the Bachelor of Business Studies prior to 1 January 2017 will transfer to the 2017 regulations under the following conditions:

(a) Course substitution beyond the normal limits will be permitted in respect to courses already completed at the same level towards the BBS core or towards a major or minor prior to 1 January 2017.

(b) Candidates who have not completed 115.103 prior to the beginning of the 2017 academic year must complete the core course 115.211.

(c) Candidates must complete the core course 115.212.

(d) Where under these regulations a capstone course is specified for a major in which a candidate is enrolled that course must be completed unless at least 60 credits at 300-level has already been completed towards that major.

The transition arrangements established under Regulation 23 expire 31 December 2023.

24. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates who have passed at least 180 credits of study towards the Bachelor of Business component prior to 1 January 2017 will transfer to the 2017 regulations under the following conditions:

(a) Course substitution beyond the normal limits will be permitted in respect to courses already completed towards the BBus core or at the same level towards a major or minor prior to 1 January 2017.

(b) Where under these regulations a capstone course is specified for a major in which a candidate is enrolled that course must be completed unless at least 60 credits at 300-level has already been completed towards that major.

The transition arrangements established under Regulations 24 expire 31 December 2021.

25. All candidates who commenced study towards the conjoint programme of the Bachelor of Arts and Bachelor of Business prior to 1 January 2017 may elect to be awarded the alternative title of Bachelor of Arts and Bachelor of Business Studies on completion, subject to the maximum Time to Completion and Abandonment of Study provisions specified in the Part I regulations to the Degree.

The transition arrangements established under Regulation 25 expire 31 December 2021.

The Conjoint Programme for Bachelor of Arts and Bachelor of Science

BA/BSc

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission
1. Admission to the Conjoint Programme for Bachelor of Arts and Bachelor of Science requires that the candidate will meet the University admission requirements as specified.

2. A candidate who has already completed the requirements of one of the component degrees will not be permitted to enrol in the conjoint programme.
Qualification Requirements

3. Candidates for the Conjoint Programme for Bachelor of Arts and Bachelor of Science shall follow a flexible programme of study, which shall consist of courses totalling at least 510 credits, comprising:
   (a) completion of a Bachelor of Arts component;
   (b) completion of a Bachelor of Science component;
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

4. Each course successfully completed for the conjoint programme shall be credited to one or other of the two components. Except as provided by these regulations, each component shall be governed by the regulations of the corresponding degree.

5. Courses may not be cross-credited into or between components of the conjoint BA/BSc programme.

6. The Bachelor of Arts component shall consist of a total of 255 credits made up as follows:
   (a) The five compulsory Arts courses: 230.110, 230.111, 230.112, 230.210, and 230.310. Courses 230.110, 230.111 and 230.112 must be completed within the first 120 credits of the BA component. Course 230.210 must be completed within the first 195 credits of the BA component.
   (b) The majoring requirements of at least one subject as specified in the BA Schedule. Business Psychology is not available as a major in the conjoint programme.
   (c) Courses with prefixes 121, 160, and 161 may be included in the BA component only if they are listed on the schedule for a major in Environmental Studies, Mathematics or Statistics, and only by students enrolled in that major.
   (d) No fewer than 45 credits selected from Schedule B or Schedule C of the Bachelor of Arts Schedule.
   (e) Students may not include in these 45 credits courses with prefixes 121, 160, and 161.

7. The Bachelor of Science component shall consist of a total of at least 255 credits from Schedules A, B and C of the BSc Schedule made up as follows:
   (a) at least one course from each of at least four disciplines (as determined by prefix) corresponding to Bachelor of Science specialisations, excluding courses from Schedule A;
   (b) the majoring requirements of at least one subject as specified in Schedule B of the BSc Schedule.
   (c) Courses with prefixes 145 and 175 may be included in the BSc component only if they are needed to meet the majoring requirements for the Geography or Psychology major, respectively, in this component.

Specialisations

8. Candidates may complete a major in each component by complying with the requirements of the regulations of the corresponding degree.

Student Progression

9. Candidates shall pass all courses and maintain a grade average of B or higher in order to continue enrolment in the conjoint programme.

10. A candidate is required to advance studies concurrently in both components of the programme in each year of enrolment.

Completion Requirements

11. A candidate’s programme of study may not exceed ten years from the date of first enrolment in a course to be credited to the Conjoint Programme for Bachelor of Arts and Bachelor of Science.

12. Candidates may be graduated and jointly awarded the Bachelor of Arts and the Bachelor of Science when they meet the Admission, Qualification, and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Bachelor of Arts or the Bachelor of Science or another qualification should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

13. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions

14. Notwithstanding Regulation 9, candidates who were enrolled in the Conjoint Programme for Bachelor of Arts and Bachelor of Science commencing in 2015 or earlier shall pass all courses and achieve a grade average of B- or higher each year in order to continue enrolment in the conjoint programme.

Transition Arrangements – BA Component

15. All candidates who commence study towards the Conjoint Bachelor of Arts/Bachelor of Science on or after 1 January 2016 must satisfy the requirements as specified in these regulations.

16. Candidates who have passed 45 or fewer credits towards the Bachelor of Arts component prior to 1 January 2016 will transfer to these regulations and satisfy the requirements as specified.

17. Candidates who have passed at least 60 credits but fewer than 135 credits towards the Bachelor of Arts component prior to 1 January 2016 will transfer to the 2016 regulations under the following conditions:
   (a) Candidates are required to complete one of course 230.111 or 230.112, but not both.
   (b) Completion of course 230.110 and either 230.111 or 230.112 must be completed within the first 165 credits of their study in the Bachelor of Arts component.

18. Candidates who have passed at least 135 credits of study towards the Bachelor of Arts component prior to 1 January 2016 may complete the degree under 2015 regulations, subject to the time limit specified in Regulation 11.

19. Candidates who have passed at least 135 credits of study towards the Bachelor of Arts component prior to 1 January 2016 may choose to transfer to the 2016 regulations but must satisfy all requirements as specified.

20. These transition arrangements expire at the end of 2019.

The Conjoint Programme for Bachelor of Business and Bachelor of Science

BBus/BSc

Qualification Requirements

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Conjoint Programme for Bachelor of Business and Bachelor of Science requires that the candidate will meet the University admission requirements as specified.

2. A candidate who has already completed the requirements of one of the component degrees will not be permitted to enrol in the conjoint programme.

Qualification Requirements

3. Candidates for the Conjoint Programme for Bachelor of Business and Bachelor of Science shall follow a flexible programme of study, which shall consist of courses totalling at least 510 credits, comprising:
   (a) completion of a Bachelor of Business component;
   (b) completion of a Bachelor of Science component;
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

4. Each course successfully completed for the conjoint programme shall be credited to one or other of the two components. Except as provided by these regulations, each component shall be governed by the regulations of the corresponding degree.

5. Courses may not be cross-credited into or between components of the conjoint BBus/BSc programme.

6. The Bachelor of Business component shall consist of a total of 255 credits made up as follows:
Qualification Regulations

Part I

These Regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to Te Aho Tātairangi: The Degree of Bachelor of Teaching and Learning Kura Kaupapa Māori requires that the candidate will:
   (a) meet the University admission requirements as specified; and:
   (b) have demonstrated a high level of competency in Te Reo Māori me ōna tikanga; and
   (c) have demonstrated competence in literacy and numeracy (including but not limited to English); and;
   (d) have met the requirements set down by the Education Council of Aotearoa New Zealand for registration as a teacher in New Zealand in terms of good character and fitness to be a teacher; and
   (e) have been selected into the qualification based on a selection process that may include a written application, interview, and practical exercises.

Qualification Requirements

2. Candidates for Te Aho Tātairangi: The Degree of Bachelor of Teaching and Learning Kura Kaupapa Māori shall follow a parts-based programme of study, which shall consist of courses totalling at least 360 credits, comprising:
   (a) Part One, Part Two and Part Three courses as specified in the Schedule to the Qualification;
   (b) attending professional practice placements, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations

3. Te Aho Tātairangi: The Degree of Bachelor of Teaching and Learning Kura Kaupapa Māori is awarded without specialisation.

Academic Requirements

4. Every candidate for Te Aho Tātairangi: The Degree of Bachelor of Teaching and Learning Kura Kaupapa Māori shall perform to the satisfaction of the Academic Board or their delegate at least twenty five weeks of supervised professional practice, in accordance with the requirements of the following courses:
   (a) 268.107 Te Aho Matua Taiao o ngā Kura Kaupapa Māori I;
   (b) 268.207 Te Taiao mō Te Aho Matua o ngā Kura Kaupapa Māori II;
   (c) 268.307 Te Taiao mō Te Aho Matua – te whakarite i te taiao ki te poipoi i te ako i roto i ngā Kura Kaupapa Māori III.

Student Progression

5. In order to progress from Part One to Part Two, or Part Two to Part Three a candidate must have passed all courses in the preceding Part.
6. If the Academic Board or their nominee is of the opinion that any student does not meet in general terms the requirements set down by the Education Council of Aoteaoranga New Zealand for registration as a teacher in New Zealand in terms of good character and fitness to be a teacher, the student’s enrolment in the Te Aho Tātairangi: The Degree of Bachelor of Teaching and Learning Kura Kaupapa Māori programme will be refused or cancelled.

Completion Requirements
7. A candidate’s programme of study may not exceed five consecutive years from the date of first enrolment in a course to be credited to Te Aho Tātairangi: The Degree of Bachelor of Teaching and Learning Kura Kaupapa Māori, unless a specified time of suspension or extension has been approved by the Academic Board. Permission must be sought in advance of any suspension or extension by applying in writing to the Academic Board or their delegate. Suspensions or extensions granted will appear on the academic transcript.

8. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress
9. Students enrolled in Te Aho Tātairangi: The Degree of Bachelor of Teaching and Learning Kura Kaupapa Māori will be excluded from enrolment for that degree on the following basis:
   (a) failure to obtain a pass in a compulsory course for which they have been enrolled for two occasions;
   (b) failure to pass courses totalling at least 75 academic credits or failure to pass at least 60 percent of an approved part-time programme of study in any academic year; or
   (c) failure to complete Te Aho Tātairangi: The Degree of Bachelor of Teaching and Learning Kura Kaupapa Māori within five years from the date of first enrolment.

10. Persons excluded under Regulation 9 will only be re-admitted to Te Aho Tātairangi: The Degree of Bachelor of Teaching and Learning Kura Kaupapa Māori with approval of Academic Board under such conditions as it may determine.

11. Persons excluded twice under Regulation 9 will not be permitted to re-enrol for Te Aho Tātairangi: The Degree of Bachelor of Teaching and Learning Kura Kaupapa Māori.

Transitional Provisions
12. Candidates who commenced study towards the Te Aho Tātairangi: The Degree of Bachelor of Teaching Māori Medium/Diploma in Māori Education in 2016 or earlier may choose to transfer to the Te Aho Tātairangi: The Degree of Bachelor of Teaching and Learning Kura Kaupapa Māori, but must satisfy all requirements specified in these regulations.

13. In all cases candidates must complete the qualification within the timeframes for completion as specified in the Completion Requirements.

14. These transition arrangements expire 31 December 2018.

---

### Te Aho Tātairangi: The Degree of Bachelor of Teaching Māori Medium/ Diploma in Māori Education

**BTchgMāoriMed/DipMāoriEd**

No new enrolments fro 2017

#### Qualification Regulations

**Part I**

These Regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

**Part II**

**Admission**

1. Students admitted to Te Aho Tātairangi: BTchgMāoriMed/DipMāoriEd shall before enrolment have:

---

### Schedule for Te Aho Tātairangi: The Degree of Bachelor of Teaching and Learning Kura Kaupapa Māori

#### Part One (120 credits)

**Te Tau Tuatahi**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>268.107</td>
<td>Te Aho Matua Taiao o ngā Kura Kaupapa Māori I</td>
<td>15</td>
</tr>
<tr>
<td>268.110</td>
<td>Te Hā</td>
<td>15</td>
</tr>
<tr>
<td>268.120</td>
<td>Tikanga Pāngarau I</td>
<td>15</td>
</tr>
<tr>
<td>268.121</td>
<td>Te Kupa Tā I – Pānui Tuhitahi i Te Kura Kaupapa</td>
<td>15</td>
</tr>
<tr>
<td>268.130</td>
<td>Te Iramu</td>
<td>15</td>
</tr>
<tr>
<td>268.131</td>
<td>Te Aho Matua Marautanga I</td>
<td>30</td>
</tr>
<tr>
<td>300.111</td>
<td>Te Reo Konakinaki: Developing Te Reo</td>
<td>15</td>
</tr>
</tbody>
</table>

#### Part Two (120 credits)

**Te Tau Tuarua**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>268.207</td>
<td>Te Taiao mō Te Aho Matua o ngā Kura Kaupapa Māori II</td>
<td>30 P 268.107</td>
</tr>
<tr>
<td>268.211</td>
<td>Te Tiringa</td>
<td>15 P 268.110</td>
</tr>
<tr>
<td>268.220</td>
<td>Tikanga Pāngarau II</td>
<td>15 P 268.120</td>
</tr>
<tr>
<td>268.222</td>
<td>Te Kupa Tā II – Te Pānui Tuhitahi i Te Kura Kaupapa Māori</td>
<td>15 P 268.121</td>
</tr>
<tr>
<td>268.240</td>
<td>Te Ira Tangata o Te Aho Matua Ko Te Tupu o Te Tangata</td>
<td>15 P 268.130</td>
</tr>
<tr>
<td>268.241</td>
<td>Te Marautanga o Te Aho Matua o ngā Kura Kaupapa Māori II: ko te tuitui i ngā kaupapa hei marautanga</td>
<td>15 P 268.131</td>
</tr>
<tr>
<td>300.211</td>
<td>Te Reo Whakanakonako: Embellishing Te Reo</td>
<td>15 P 300.111</td>
</tr>
</tbody>
</table>

#### Part Three (120 credits)

**Te Tau Tutoru**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>268.307</td>
<td>Te Taiao mō Te Aho Matua – te whakairite i te tiau ki te popori i te ako i roto i ngā Kura Kaupapa Māori III</td>
<td>30 P 268.207</td>
</tr>
<tr>
<td>268.310</td>
<td>Te Puanga</td>
<td>15 P 268.211</td>
</tr>
<tr>
<td>268.320</td>
<td>Tikanga Pāngarau III</td>
<td>15 P 268.220</td>
</tr>
<tr>
<td>268.322</td>
<td>Te Kupa Tā – Te Pānui Tuhitahi i Te Kura Kaupapa Māori III</td>
<td>15 P 268.222</td>
</tr>
<tr>
<td>268.340</td>
<td>Te Tino Uaratanga o Te Aho Matua – Ngā Huia o te Ako</td>
<td>15 P 268.240</td>
</tr>
<tr>
<td>268.341</td>
<td>Te Marautanga o Te Aho Matua o ngā Kura Kaupapa Māori III: ko te tuitui i ngā kaupapa hei marautanga</td>
<td>15 P 268.241</td>
</tr>
<tr>
<td>300.311</td>
<td>Te Reo Pāpā: Strengthening Te Reo</td>
<td>15 P 300.211</td>
</tr>
</tbody>
</table>

---

(a) demonstrated a high level of competency in Te Reo Māori me ōna tikanga;
(b) demonstrated competence in literacy and numeracy (including but not limited to English); and;
(c) met the requirements set down by the New Zealand Teachers Council for registration as a teacher in New Zealand in terms of good character and fitness to be a teacher.

2. While the University will endeavour to meet the general terms and requirements of the New Zealand Teachers Council in good faith, the final decision for registration is at the discretion of the New Zealand Teachers Council.

3. Admission to the programme shall be granted or withheld upon consideration of criteria 1(a) and (b) and upon an interview for selection where this is required.
Duration and Total Credits Value

4. Students enrolled for this programme shall follow an approved programme of study equivalent to four full-time years and pass courses with a total value of at least 480 credits as specified below unless credit is granted under the Recognition of Prior Learning Regulations.

Special Requirements

5. Te Aho Tātairangi: BTchgMāoriMed/DipMāoriEd must be completed concurrently as a single programme of study. Only when all of the requirements of both component qualifications have been completed may the degree/diploma be conferred upon the candidate.

Programme Structure and Content

6. The programme of study for the Te Aho Tātairangi: BTchgMāoriMed/DipMāoriEd must include no fewer than 150 credits at the 300 level or above, and a total of 60 credits in Te Reo Māori including 300.311 or 300.311.

7. The programme of study must also include:

Bachelor of Teaching Māori Medium/Diploma in Māori Education

Te Tau Tuatahi – Year One

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>268.107</td>
<td>Te Aho Matua Taiao o ngā Kura Kaupapa Māori I</td>
<td>15</td>
</tr>
<tr>
<td>268.110</td>
<td>Te Hā</td>
<td>15</td>
</tr>
<tr>
<td>268.120</td>
<td>Tikanga Pāngarau I</td>
<td>15</td>
</tr>
<tr>
<td>268.121</td>
<td>Te Kupu Tā I – Pānui Tuhihi i Te Kura Kaupapa</td>
<td>15</td>
</tr>
<tr>
<td>268.130</td>
<td>Te Irauua</td>
<td>15</td>
</tr>
<tr>
<td>268.131</td>
<td>Te Aho Matua Marautanga I</td>
<td>30</td>
</tr>
<tr>
<td>300.111</td>
<td>Te Reo Kōnakiniaki: Developing Te Reo</td>
<td>15</td>
</tr>
</tbody>
</table>

Te Tau Tuarua – Year Two

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>268.211</td>
<td>Te Tiringa</td>
<td>15</td>
</tr>
<tr>
<td>268.217</td>
<td>Te Kawa o Te Kura II</td>
<td>30</td>
</tr>
<tr>
<td>268.220</td>
<td>Tikanga Pāngarau II</td>
<td>15</td>
</tr>
<tr>
<td>268.221</td>
<td>Te More</td>
<td>15</td>
</tr>
<tr>
<td>268.230</td>
<td>Te Irauua II</td>
<td>15</td>
</tr>
<tr>
<td>268.231</td>
<td>Te Aro ā-Wai</td>
<td>15</td>
</tr>
<tr>
<td>300.210</td>
<td>Te Reo Kōnererero: Discussing in Te Reo</td>
<td>15</td>
</tr>
</tbody>
</table>

Te Tau Tuatoru – Year Three

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>300.211</td>
<td>Te Reo Whakanakonako: Embellishing Te Reo</td>
<td>15</td>
</tr>
<tr>
<td>268.310</td>
<td>Te Puanga</td>
<td>15</td>
</tr>
<tr>
<td>268.317</td>
<td>Te Kawa o Te Kura III</td>
<td>30</td>
</tr>
<tr>
<td>268.320</td>
<td>Tikanga Pāngarau III</td>
<td>15</td>
</tr>
<tr>
<td>268.321</td>
<td>Te Weu</td>
<td>15</td>
</tr>
<tr>
<td>268.330</td>
<td>Te Irauua III</td>
<td>15</td>
</tr>
<tr>
<td>268.331</td>
<td>Te Aro ā-Tō, ā-Rongo</td>
<td>15</td>
</tr>
</tbody>
</table>

Te Tau Tuawhā – Year Four

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>300.311</td>
<td>Te Reo Papā: Strengthening Te Reo</td>
<td>15</td>
</tr>
<tr>
<td>268.417</td>
<td>Te Kawa o Te Kura IV</td>
<td>30</td>
</tr>
<tr>
<td>268.421</td>
<td>Te Aka</td>
<td>15</td>
</tr>
<tr>
<td>268.430</td>
<td>Te Kura Nui</td>
<td>30</td>
</tr>
<tr>
<td>268.431</td>
<td>Te Aro ā-Tah i</td>
<td>15</td>
</tr>
</tbody>
</table>

Elective Studies (select one of the following)

Either:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>172.233</td>
<td>Language Learning Processes</td>
<td>15</td>
</tr>
<tr>
<td>269.332</td>
<td>Māori Issues in Education</td>
<td>15</td>
</tr>
<tr>
<td>254.377</td>
<td>Teaching and Learning Languages up to Year 10</td>
<td>15</td>
</tr>
</tbody>
</table>

Or:

15 credits from approved 200 or 300 level courses listed under the Regulations for degrees other than Te Aho Tātairangi: BTchgMāoriMed/DipMāoriEd.

Practical Requirements

8. Supervised student teaching is a requirement of the degree. Each of the Te Kawa o Te Kura (professional practice) courses includes supervised teaching experience as well as college-based course work. Students are required to pass both the teaching experience component and the course work component to pass these courses.

Variations

9. Massey University may cancel or refuse to permit the registration of a student in an Initial Teacher Education programme if a student, in the opinion of the University, is found not to meet in general terms the requirements set down by the New Zealand Teachers Council for registration as a teacher in New Zealand in terms of good character and fitness to be a teacher.

10. Should a student in an Initial Teacher Education programme be convicted of an offence against the law after entry into the programme, the student must advise the College Pro Vice-Chancellor or their nominee of the conviction within seven days.

11. If the Pro Vice-Chancellor is of the opinion that the student does not meet in general terms the requirements set down by the New Zealand Teachers Council for registration as a teacher in New Zealand in terms of good character and fitness to be a teacher, the student’s registration in the Initial Teacher Education programme will be cancelled.

12. Students enrolled in Te Aho Tātairangi: BTchgMāoriMed/DipMāoriEd will be excluded from re-enrolment for that degree on the following basis:

   (a) failure to obtain a pass in a compulsory course for which they have been enrolled for two occasions;

   (b) failure to pass courses totalling at least 75 academic credits or failure to pass at least 60% of an approved part-time programme of study in any academic year; or

   (c) failure to complete the Te Aho Tātairangi qualification within six years from the date of first enrolment.

Students excluded under (a), (b) or (c) above will only be re-admitted to the Te Aho Tātairangi: BTchgMāoriMed/DipMāoriEd programme with the approval of the Academic Board.
POSTGRADUATE DIPLOMAS

The Postgraduate Diploma in Accountancy ........................................... 263
The Postgraduate Diploma in AgriCommerce ..................................... 264
The Postgraduate Diploma in Applied Linguistics ............................... 264
The Postgraduate Diploma in Arts ....................................................... 265
The Postgraduate Diploma in Aviation ................................................ 267
The Postgraduate Diploma in Banking* .............................................. 267
The Postgraduate Diploma in Business ................................................ 268
The Postgraduate Diploma in Cognitive Behaviour Therapy* ............... 271
The Postgraduate Diploma in Communication .................................... 272
The Postgraduate Diploma in Construction ......................................... 272
The Postgraduate Diploma in Counselling* ......................................... 273
The Postgraduate Diploma in Design ................................................... 274
The Postgraduate Diploma in Education ............................................. 275
The Postgraduate Diploma in Educational Administration and Leadership* ................................. 277
The Postgraduate Diploma in Educational and Developmental Psychology ........................................ 278
The Postgraduate Diploma in Emergency Management ...................... 278
The Postgraduate Diploma in Engineering* ......................................... 279
The Postgraduate Diploma in Environmental Management .................. 280
The Postgraduate Diploma in Fine Arts .............................................. 281
The Postgraduate Diploma in Health Science ....................................... 282
The Postgraduate Diploma in Health Service Management .................... 283
The Postgraduate Diploma in Industrial/Organisational Psychology ........ 284
The Postgraduate Diploma in Information Sciences ............................. 284
The Postgraduate Diploma in International Development ........................ 285
The Postgraduate Diploma in International Security ............................ 286

* No new enrolments

The Postgraduate Diploma in Journalism ............................................. 287
The Postgraduate Diploma in Literacy Education* ............................... 287
The Postgraduate Diploma in Logistics and Supply Chain Management .................. 288
The Postgraduate Diploma in Māori and Indigenous Business ............... 288
Te Aho Paerewa The Postgraduate Diploma Māori Medium Teaching and Learning ............................................. 289
The Postgraduate Diploma in Māori Resource and Environmental Management* ...................................... 290
The Postgraduate Diploma in Māori Visual Arts ................................... 291
The Postgraduate Diploma in Museum Studies .................................... 291
The Postgraduate Diploma in Nursing ................................................ 292
The Postgraduate Diploma in Planning ............................................... 293
The Postgraduate Diploma in Psychological Practice ............................ 293
The Postgraduate Diploma in Public Health ........................................ 294
The Postgraduate Diploma in Quality Systems .................................... 295
The Postgraduate Diploma in Rehabilitation ...................................... 295
The Postgraduate Diploma in Science and Technology ......................... 296
The Postgraduate Diploma in Social Sector Evaluation Research .......... 302
The Postgraduate Diploma in Social Service Supervision ...................... 302
The Postgraduate Diploma in Social Work .......................................... 303
The Postgraduate Diploma in Specialist Teaching ............................... 303
The Postgraduate Diploma in Speech and Language Therapy ................ 304
The Postgraduate Diploma in Sport and Exercise ................................ 305
The Postgraduate Diploma in Sport Management ............................... 306
Toku Reo Toku Oha The Postgraduate Diploma in Te Reo Māori* ........... 306
The Postgraduate Diploma in Veterinary Science ............................... 306
The Postgraduate Diploma in Whānau Development* ........................... 307

Programme Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Postgraduate Diploma in Accountancy requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a Bachelor of Accountancy, or equivalent, and have achieved at least a B grade average in the highest level courses.

Qualification Requirements

2. Candidates for the Postgraduate Diploma in Accountancy shall follow a flexible programme of study, which shall consist of courses at 700 level totalling at least 120 credits, comprising:
   (a) courses from the Schedule for the Diploma;
   and including:
   (b) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations

3. The Postgraduate Diploma in Accountancy is awarded without an endorsement.

Student Progression

4. In cases of sufficient merit, the Postgraduate Diploma in Accountancy may be awarded with distinction or merit.

Completion Requirements

5. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes. Candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Business should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

7. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Postgraduate Diploma in Accountancy

120 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>110.710</td>
<td>Contemporary Issues in Financial Accounting</td>
<td>30</td>
<td>P 110.309</td>
</tr>
<tr>
<td>110.711</td>
<td>Advanced Accounting Theory</td>
<td>30</td>
<td>P 110.309</td>
</tr>
<tr>
<td>110.717</td>
<td>Research Methods in Accounting</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>110.792</td>
<td>Special Topic</td>
<td>30</td>
<td>P Permission Head of School</td>
</tr>
<tr>
<td>110.799</td>
<td>Research Report</td>
<td>30</td>
<td></td>
</tr>
</tbody>
</table>
## The Postgraduate Diploma in AgriCommerce
**PGDipAgriCommerce**

### Qualification Regulations

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

### Admission

1. Admission to the Postgraduate Diploma in AgriCommerce requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for the Bachelor of AgriCommerce, or equivalent.

### Qualification Requirements

2. Candidates for the Postgraduate Diploma in AgriCommerce shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits at 700 level, comprising:
   (a) courses selected from the Schedule to the Qualification; and
   including:
   (b) no more than a total of 30 credits of approved Special Topic or professional development courses.

### Specialisations

3. The Postgraduate Diploma in AgriCommerce is awarded without endorsement.

### Completion Requirements

4. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

5. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Business or the Postgraduate Certificate in Science and Technology should they meet the relevant Qualification requirements.

### Unsatisfactory Academic Progress

6. The general Unsatisfactory Academic Progress regulations will apply.

### Schedule for the Postgraduate Diploma in AgriCommerce

**Compulsory courses (30 credits):**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>112.747</td>
<td>International Food and Agribusiness Strategies</td>
<td>15</td>
</tr>
<tr>
<td>178.740</td>
<td>Global Food Markets and Trade</td>
<td>15</td>
</tr>
</tbody>
</table>

**Elective courses at least 90 credits from:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>112.701</td>
<td>Farm Management</td>
<td>30</td>
</tr>
<tr>
<td>112.702</td>
<td>International Agri-Food Marketing Strategies</td>
<td>15</td>
</tr>
<tr>
<td>112.743</td>
<td>Cooperative Governance and Management</td>
<td>15</td>
</tr>
<tr>
<td>119.731</td>
<td>Topics in Agricultural Extension and Consultancy</td>
<td>15</td>
</tr>
<tr>
<td>119.752</td>
<td>Advanced Farm and Horticultural Management</td>
<td>15</td>
</tr>
<tr>
<td>119.791</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>119.792</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>152.752</td>
<td>Project Management</td>
<td>30</td>
</tr>
<tr>
<td>178.742</td>
<td>Environmental Economics for Non-Economists</td>
<td>15</td>
</tr>
<tr>
<td>178.755</td>
<td>Economic Growth, International and Development Economics</td>
<td>30</td>
</tr>
<tr>
<td>247.791</td>
<td>Special Topic in Data Analysis</td>
<td>15</td>
</tr>
<tr>
<td>284.703</td>
<td>Vegetable Production Science</td>
<td>15</td>
</tr>
<tr>
<td>284.704</td>
<td>Fruit Production Science</td>
<td>15</td>
</tr>
</tbody>
</table>

5. The general Unsatisfactory Academic Progress regulations will apply.

### Schedule for the Postgraduate Diploma in Applied Linguistics

**Compulsory courses (30 credits):**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>272.702</td>
<td>Second Language Learning Theories and Processes</td>
<td>30</td>
</tr>
<tr>
<td>272.703</td>
<td>Contemporary Approaches to Language Teaching Methodology</td>
<td>30</td>
</tr>
<tr>
<td>272.704</td>
<td>Contextualising Curriculum and Materials Design</td>
<td>30</td>
</tr>
<tr>
<td>272.715</td>
<td>Current Issues in Applied Linguistics</td>
<td>30</td>
</tr>
</tbody>
</table>

5. The general Unsatisfactory Academic Progress regulations will apply.

### Completion Requirements

5. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

### Unsatisfactory Academic Progress

7. The general Unsatisfactory Academic Progress regulations will apply.
The Postgraduate Diploma in Arts
PGDipArts

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Postgraduate Diploma in Arts requires that the candidate will:
   (a) meet the University admission requirements as specified; and:
   (b) have been awarded or qualified for the Bachelor of Arts degree, with a major in the intended postgraduate subject, or equivalent; or
   (c) have been awarded or qualified for any Bachelor’s degree, with a minor in the intended postgraduate subject, followed by a Graduate Certificate in Arts endorsed in the intended postgraduate subject; or
   (d) have been awarded or qualified for any Bachelor’s degree followed by a Graduate Diploma in Arts endorsed in the intended postgraduate subject.

Qualification Requirements
2. Candidates for the Postgraduate Diploma in Arts shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) courses from the Schedule to the Diploma;
   (b) completion of an endorsement.

Specialisations
3. Candidates may complete an endorsement by passing at least 120 credits in an endorsement. The requirements for each endorsement are set out in the Schedule for the Qualification.

Completion Requirements
5. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes. Candidates who do not meet the requirements for graduation, may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Arts should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
7. The general Unsatisfactory Academic Progress regulations will apply.

Transition Regulations
8. Candidates enrolled in the Postgraduate Diploma in Arts who have completed at least 60 credits towards the English endorsement prior to 01 January 2017 may substitute 30 credits from List B courses for courses included in List A. These transitional arrangements expire on 31 December 2018.

Schedule for the Postgraduate Diploma in Arts

Defence and Security Studies
Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>149.701</td>
<td>The New Zealand Strategic Environment</td>
<td>30</td>
</tr>
<tr>
<td>149.704</td>
<td>Leadership, Management and Command</td>
<td>30</td>
</tr>
<tr>
<td>149.707</td>
<td>The Middle East Security Environment</td>
<td>30</td>
</tr>
<tr>
<td>149.709</td>
<td>Terrorism, Insurgency and Transnational Crime</td>
<td>30</td>
</tr>
</tbody>
</table>

Economics
Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>149.710</td>
<td>Military History</td>
<td>30</td>
</tr>
<tr>
<td>149.716</td>
<td>Security of China as a Great Power</td>
<td>30</td>
</tr>
<tr>
<td>149.725</td>
<td>International Security and Peacekeeping</td>
<td>30</td>
</tr>
<tr>
<td>149.732</td>
<td>Public International Law for Defence and Security</td>
<td>30</td>
</tr>
<tr>
<td>149.741</td>
<td>Intelligence in the International Security Environment</td>
<td>30</td>
</tr>
<tr>
<td>149.744</td>
<td>Intelligence Operations</td>
<td>30</td>
</tr>
<tr>
<td>149.760</td>
<td>Defence and Security Technology</td>
<td>30</td>
</tr>
<tr>
<td>149.770</td>
<td>Border Management in the Contemporary Security Environment</td>
<td>30</td>
</tr>
<tr>
<td>149.790</td>
<td>Research Methods in Defence and Security Studies</td>
<td>30</td>
</tr>
</tbody>
</table>

Education
Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>254.702</td>
<td>Facing Big Questions in Education</td>
<td>30</td>
</tr>
<tr>
<td>254.744</td>
<td>Educational Issues Among Pacific Islands Peoples in New Zealand</td>
<td>30</td>
</tr>
<tr>
<td>254.773</td>
<td>Educational Policy Analysis</td>
<td>30</td>
</tr>
<tr>
<td>254.774</td>
<td>Evaluation of Educational Organisations</td>
<td>30</td>
</tr>
<tr>
<td>254.775</td>
<td>Management of Human Resources in Educational Organisations</td>
<td>30</td>
</tr>
<tr>
<td>261.705</td>
<td>Trends in E-Learning</td>
<td>30</td>
</tr>
<tr>
<td>263.704</td>
<td>Advanced Studies in Motivation and Learning</td>
<td>30</td>
</tr>
<tr>
<td>265.737</td>
<td>Young Children and Their Families</td>
<td>30</td>
</tr>
<tr>
<td>269.733</td>
<td>Mana Motuhake: Contemporary Issues in Māori and Indigenous Education</td>
<td>30</td>
</tr>
</tbody>
</table>

English
List A subject courses
At least 90 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>139.703</td>
<td>Critical and Creative Research</td>
<td>30</td>
</tr>
<tr>
<td>139.707</td>
<td>Women, Desire and Narrative</td>
<td>30</td>
</tr>
</tbody>
</table>

Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>125.700</td>
<td>Research Methods in Economics and Finance</td>
<td>30</td>
</tr>
<tr>
<td>178.700</td>
<td>Macroeconomics</td>
<td>30</td>
</tr>
<tr>
<td>178.718</td>
<td>Health Economics</td>
<td>30</td>
</tr>
<tr>
<td>178.722</td>
<td>International Monetary Economics</td>
<td>30</td>
</tr>
<tr>
<td>178.741</td>
<td>Microeconomics</td>
<td>30</td>
</tr>
<tr>
<td>178.775</td>
<td>The Economics of Knowledge and Innovation</td>
<td>30</td>
</tr>
</tbody>
</table>

POSTGRADUATE DIPLOMAS
### Media Studies

**Subject courses:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>154.701</td>
<td>Modern and Postmodern Visual Cultures</td>
<td>30</td>
</tr>
<tr>
<td>154.702</td>
<td>Advanced Film Studies</td>
<td>30</td>
</tr>
<tr>
<td>154.704</td>
<td>Researching Media and Cultural Studies</td>
<td>30</td>
</tr>
<tr>
<td>154.707</td>
<td>The World of Noir</td>
<td>30</td>
</tr>
<tr>
<td>154.708</td>
<td>Modern Fiction, Popular Culture and the Media</td>
<td>30</td>
</tr>
<tr>
<td>154.709</td>
<td>Technology and Cultural Change</td>
<td>30</td>
</tr>
<tr>
<td>154.719</td>
<td>Media, Entertainment and Ethics</td>
<td>30</td>
</tr>
<tr>
<td>154.747</td>
<td>Media Practice and Global Culture</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>P 154.204 or 154.224 or 154.304</td>
<td></td>
</tr>
<tr>
<td>219.705</td>
<td>Advanced News Media Processes</td>
<td>30</td>
</tr>
</tbody>
</table>

### Philosophy

**Compulsory course:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>134.710</td>
<td>Philosophical Research</td>
<td>30</td>
</tr>
</tbody>
</table>

**Subject courses:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>134.740</td>
<td>Advanced Study of Philosophical Topics</td>
<td>30</td>
</tr>
<tr>
<td>134.750</td>
<td>Advanced Study of Philosophical Texts</td>
<td>30</td>
</tr>
<tr>
<td>134.760</td>
<td>Advanced Philosophical Inquiry</td>
<td>30</td>
</tr>
<tr>
<td>134.798</td>
<td>Research Report (30)</td>
<td>30</td>
</tr>
<tr>
<td>134.799</td>
<td>Research Report (60)</td>
<td>60</td>
</tr>
</tbody>
</table>

### Politics

**Subject courses:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.701</td>
<td>Tino Rangatiratanga: Strategic Māori Development</td>
<td>30</td>
</tr>
<tr>
<td>176.702</td>
<td>Advanced Social Inquiry</td>
<td>30</td>
</tr>
<tr>
<td>200.761</td>
<td>International Relations: Theory and Practice</td>
<td>30</td>
</tr>
<tr>
<td>200.762</td>
<td>Presidents and Prime Ministers</td>
<td>30</td>
</tr>
<tr>
<td>219.708</td>
<td>Political Communication</td>
<td>30</td>
</tr>
</tbody>
</table>

### Psychology

**Compulsory course (15 credits):**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.738</td>
<td>Psychological Research: Principles of Design</td>
<td>15</td>
</tr>
</tbody>
</table>

**Subject courses:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.718</td>
<td>Postmodernism and Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.719</td>
<td>Applied Criminal Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.720</td>
<td>Advanced Psychology of Women</td>
<td>15</td>
</tr>
<tr>
<td>175.721</td>
<td>Child and Family Therapy</td>
<td>15</td>
</tr>
<tr>
<td>175.722</td>
<td>Principles of Clinical Neuropsychology</td>
<td>15</td>
</tr>
<tr>
<td>175.724</td>
<td>Advanced Experimental Psychology</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>P 175.203 and either 175.205 or 175.206</td>
<td></td>
</tr>
<tr>
<td>175.725</td>
<td>Advanced Social Psychology</td>
<td>30</td>
</tr>
<tr>
<td>175.729</td>
<td>Psychology and Culture</td>
<td>15</td>
</tr>
<tr>
<td>175.730</td>
<td>Professional Practice in Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.732</td>
<td>Psychological Well-being in Organisations</td>
<td>15</td>
</tr>
<tr>
<td>175.733</td>
<td>Sustainable Livelihood</td>
<td>15</td>
</tr>
<tr>
<td>175.734</td>
<td>Child Clinical Neuropsychology</td>
<td>15</td>
</tr>
<tr>
<td>175.737</td>
<td>Occupational Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.739</td>
<td>Health Psychology: Understanding Health and Illness</td>
<td>15</td>
</tr>
<tr>
<td>175.740</td>
<td>Occupational Health Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.741</td>
<td>Psychological Assessment in Organisations</td>
<td>15</td>
</tr>
</tbody>
</table>

### Geography

**Subject courses:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>145.710</td>
<td>Consumption and Place</td>
<td>30</td>
</tr>
<tr>
<td>145.711</td>
<td>Foundations in Human Geography</td>
<td>30</td>
</tr>
<tr>
<td>145.712</td>
<td>Frontiers in Human Geography</td>
<td>30</td>
</tr>
<tr>
<td>145.730</td>
<td>Applied Coastal Geomorphology</td>
<td>15</td>
</tr>
<tr>
<td>145.731</td>
<td>Applied Fluval Geomorphology</td>
<td>15</td>
</tr>
<tr>
<td>145.732</td>
<td>Landslide Investigation and Management</td>
<td>15</td>
</tr>
<tr>
<td>145.734</td>
<td>Paleocology, Palynology and Biogeography</td>
<td>15</td>
</tr>
<tr>
<td>145.735</td>
<td>Detecting Geomorphic Change</td>
<td>15</td>
</tr>
<tr>
<td>145.736</td>
<td>Advanced Physical Geography Techniques</td>
<td>15</td>
</tr>
<tr>
<td>233.721</td>
<td>Global Climate Change</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>P 145.320 or 233.310; R 145.704, 233.702</td>
<td></td>
</tr>
</tbody>
</table>

### Geographic Information Systems

**Subject courses:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>132.738</td>
<td>GIS Principles and Applications</td>
<td>30</td>
</tr>
<tr>
<td>132.740</td>
<td>Geographic Information Systems Programming and Practice</td>
<td>30</td>
</tr>
<tr>
<td>189.761</td>
<td>Applied Remote Sensing</td>
<td>30</td>
</tr>
</tbody>
</table>

### History

**Subject courses:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>148.720</td>
<td>Advanced Historiography</td>
<td>30</td>
</tr>
<tr>
<td>148.730</td>
<td>Advanced Historical Methodology</td>
<td>30</td>
</tr>
<tr>
<td>148.799</td>
<td>Research Report (60)</td>
<td>60</td>
</tr>
</tbody>
</table>

### Māori Studies

**Subject courses:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.701</td>
<td>Tīo Rangatiratanga: Strategic Māori Development</td>
<td>30</td>
</tr>
<tr>
<td>150.702</td>
<td>Māori Ora: Māori Mental Health</td>
<td>30</td>
</tr>
<tr>
<td>150.710</td>
<td>Te Reo Whakawhārihī: The Language of Everyday Communication</td>
<td>30</td>
</tr>
<tr>
<td>150.711</td>
<td>Te Tau-Ihu o te Reo: Advanced Māori Literature</td>
<td>30</td>
</tr>
<tr>
<td>150.714</td>
<td>Tā Te Māori Rangahau Kōrero: Māori Research Methodologies</td>
<td>30</td>
</tr>
<tr>
<td>150.715</td>
<td>Taonga Tuku Iho: Heritage Aotearoa</td>
<td>30</td>
</tr>
</tbody>
</table>

### Psychology

**Compulsory course (15 credits):**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.718</td>
<td>Postmodernism and Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.719</td>
<td>Applied Criminal Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.720</td>
<td>Advanced Psychology of Women</td>
<td>15</td>
</tr>
<tr>
<td>175.721</td>
<td>Child and Family Therapy</td>
<td>15</td>
</tr>
<tr>
<td>175.722</td>
<td>Principles of Clinical Neuropsychology</td>
<td>15</td>
</tr>
<tr>
<td>175.724</td>
<td>Advanced Experimental Psychology</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>P 175.203 and either 175.205 or 175.206</td>
<td></td>
</tr>
<tr>
<td>175.725</td>
<td>Advanced Social Psychology</td>
<td>30</td>
</tr>
<tr>
<td>175.729</td>
<td>Psychology and Culture</td>
<td>15</td>
</tr>
<tr>
<td>175.730</td>
<td>Professional Practice in Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.732</td>
<td>Psychological Well-being in Organisations</td>
<td>15</td>
</tr>
<tr>
<td>175.733</td>
<td>Sustainable Livelihood</td>
<td>15</td>
</tr>
<tr>
<td>175.734</td>
<td>Child Clinical Neuropsychology</td>
<td>15</td>
</tr>
<tr>
<td>175.737</td>
<td>Occupational Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.739</td>
<td>Health Psychology: Understanding Health and Illness</td>
<td>15</td>
</tr>
<tr>
<td>175.740</td>
<td>Occupational Health Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.741</td>
<td>Psychological Assessment in Organisations</td>
<td>15</td>
</tr>
</tbody>
</table>
### The Postgraduate Diploma in Aviation

**PGDipAv**

#### Programme Regulations

**Part I**
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

**Admission**
1. Admission to the Postgraduate Diploma in Aviation requires that the candidate will:
   - (a) meet the University admission requirements as specified; and
   - (b) have been awarded or qualified for a Bachelor of Aviation, Bachelor of Aviation Management or equivalent degree or qualification, having achieved a grade average of at least a B- in the highest level courses.

**Qualification Requirements**
2. Candidates for the Postgraduate Diploma in Aviation shall follow a flexible programme of study, which shall consist of courses at 700 level totalling at least 120 credits, comprising:
   - (a) courses from the Schedule for the Diploma; and
   - (b) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

**Specialisations**
3. The Postgraduate Diploma in Aviation is awarded without an endorsement.

### The Postgraduate Diploma in Banking

**PGDipBank**

#### No new enrolments from 2017

#### Qualification Regulations

**Part I**
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

**Admission**
1. Admission to the Postgraduate Diploma in Banking requires that the candidate will:
   - (a) have been awarded or qualified for a Bachelor’s degree in Business, Commerce or Economics with a grade average of at least B- across the highest level courses, or equivalent;

---

### Social Policy

#### Subject courses:
- 132.741 Long-Term Community Planning 30  
- 179.702 Advanced Research Methods 30  
- 179.711 Special Topic 30  
- 179.783 Māori Development and the Social Services 30  
- 279.701 Social Policy and Political Economy 30  
- 279.703 Social Policy Studies 30

### Social Work

No new enrolments from 2015.

### Sociology

#### Subject courses:
- 176.701 Current Issues and Theories 30  
- 176.702 Advanced Social Inquiry 30  
- 176.711 Sociology of Underdevelopment 30  
- 176.715 Culture and New Zealand Society 30  
- 176.718 Environmental Sociology 30

---

### Social Anthropology

#### Subject courses:
- 146.701 Contemporary Approaches in Anthropological Theory 30  
- 146.703 The Practice of Anthropology 30  
- 146.798 Research Report (60) 60

---

### The Postgraduate Diploma in Aviation

#### Schedule for the Postgraduate Diploma in Aviation

120 credits from:

- 190.701 Human Factors for Professional Aviation 30  
- 190.703 Management in Aviation Systems 30  
- 190.704 Research Methods in Aviation 30  
- 190.720 Aviation Strategic Management 30  
- 190.721 Design and Management of Airports 30  
- 190.790 Special Topic 30  
- 190.791 Special Topic 30

---

### Social Policy

#### Subject courses:
- 132.741 Long-Term Community Planning 30  
- 179.702 Advanced Research Methods 30  
- 179.711 Special Topic 30  
- 179.783 Māori Development and the Social Services 30  
- 279.701 Social Policy and Political Economy 30  
- 279.703 Social Policy Studies 30

---

### Social Work

No new enrolments from 2015.

### Sociology

#### Subject courses:
- 176.701 Current Issues and Theories 30  
- 176.702 Advanced Social Inquiry 30  
- 176.711 Sociology of Underdevelopment 30  
- 176.715 Culture and New Zealand Society 30  
- 176.718 Environmental Sociology 30

---

### Social Anthropology

#### Subject courses:
- 146.701 Contemporary Approaches in Anthropological Theory 30  
- 146.703 The Practice of Anthropology 30  
- 146.798 Research Report (60) 60

---

### The Postgraduate Diploma in Aviation

#### Schedule for the Postgraduate Diploma in Aviation

120 credits from:

- 190.701 Human Factors for Professional Aviation 30  
- 190.703 Management in Aviation Systems 30  
- 190.704 Research Methods in Aviation 30  
- 190.720 Aviation Strategic Management 30  
- 190.721 Design and Management of Airports 30  
- 190.790 Special Topic 30  
- 190.791 Special Topic 30
3. Candidates for the Postgraduate Diploma in Banking shall follow a programme of study, which shall consist of courses totalling at least 120 credits at 700 level, comprising:
   (a) courses from the Schedule to the Diploma; and including:
   (b) any compulsory courses;
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

4. Notwithstanding Regulation 3(a), candidates who in the opinion of Academic Board or their delegate have completed sufficient previous study that is equivalent in content and level to a course included in the schedule, may be permitted to substitute an approved 700-level course or courses of the same total credit value from outside of the Schedule to the Diploma.

5. Notwithstanding Regulation 3(b), candidates who in the opinion of Academic Board or their delegate have a sufficient background of relevant undergraduate studies may be permitted to substitute approved 700 level course(s) totalling 30 credits for the following compulsory course: 125.700.

The Postgraduate Diploma in Business
PGDipBus

Programme Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Postgraduate Diploma in Business requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a Bachelor’s degree having achieved a grade average of at least a B- in the highest level courses, or equivalent.

Qualification Requirements

2. Candidates for the Postgraduate Diploma in Business shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits at 700 level, comprising:
   (a) courses selected from the Schedule for the Qualification;
   (b) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

3. The course of study for candidates completing the Postgraduate Diploma in Business without an endorsement shall consist of courses totalling at least 120 credits from Schedule B.

4. Notwithstanding Regulation 2, subject to the approval of the Academic Board variation in excess of the limits specified in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates may be permitted for candidates exiting from related Masterate programmes.

Specialisations

5. Candidates may complete the Postgraduate Diploma in Business with or without an endorsement.

6. The maximum total credit that may be included from courses outside of the Schedule to the Diploma under regulations 4 and 5 is 60 credits.

Specialisations

7. The Postgraduate Diploma in Banking is awarded without specialisation.

Completion Requirements

8. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Business should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

10. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Postgraduate Diploma in Banking

Compulsory courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>125.700</td>
<td>Managerial Finance</td>
<td>30</td>
</tr>
<tr>
<td>137.710</td>
<td>The Theory and Management of Banking</td>
<td>30</td>
</tr>
</tbody>
</table>

Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>137.703</td>
<td>International Banking and Financial Markets</td>
<td>30</td>
</tr>
<tr>
<td>137.704</td>
<td>Risk Management for Financial Institutions</td>
<td>30</td>
</tr>
<tr>
<td>137.711</td>
<td>Strategic Banking Issues</td>
<td>30</td>
</tr>
</tbody>
</table>
qualification title and regulations that were in place at the time of their first enrolment.
14. These transition arrangements expire at the end of 2018.
15. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the Diploma, candidates who commenced the Postgraduate Diploma in Business prior to 1 January 2018 who are completing the qualification without an endorsement may be permitted to substitute a course(s) already completed for a course(s) included in Schedule B. This transition arrangement expires 31 December 2019.

Schedule for the Postgraduate Diploma in Business
Schedule A Postgraduate Diploma in Business Endorsements

Agribusiness
No new enrolments from 2016.

Banking and Finance (closed to new enrolments from 2017)

Banking subject courses
60 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>137.703</td>
<td>International Banking and Financial Markets</td>
<td>30</td>
</tr>
<tr>
<td>137.704</td>
<td>Risk Management for Financial Institutions</td>
<td>30</td>
</tr>
<tr>
<td>137.710</td>
<td>The Theory and Management of Banking</td>
<td>30</td>
</tr>
<tr>
<td>137.711</td>
<td>Strategic Banking Issues</td>
<td>30</td>
</tr>
</tbody>
</table>

Finance subject courses
60 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>125.700</td>
<td>Managerial Finance</td>
<td>30</td>
</tr>
<tr>
<td>125.732</td>
<td>Advanced Corporate Finance</td>
<td>30</td>
</tr>
<tr>
<td>125.740</td>
<td>Advanced Investment Analysis</td>
<td>30</td>
</tr>
<tr>
<td>125.780</td>
<td>Advanced International Finance</td>
<td>30</td>
</tr>
<tr>
<td>125.781</td>
<td>Advanced Financial Risk Management</td>
<td>30</td>
</tr>
<tr>
<td>125.785</td>
<td>Research Methods in Economics and Finance</td>
<td>30</td>
</tr>
</tbody>
</table>

Business Law (closed to new enrolments from 2017)

Subject courses
At least 90 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>152.781</td>
<td>Advanced Research Methods in Business</td>
<td>30</td>
</tr>
<tr>
<td>155.700</td>
<td>Fundamentals of Law</td>
<td>30</td>
</tr>
<tr>
<td>155.702</td>
<td>Special Topic Business Law</td>
<td>30</td>
</tr>
<tr>
<td>155.704</td>
<td>Corporate Governance</td>
<td>30</td>
</tr>
<tr>
<td>155.705</td>
<td>Special Topic Business Law</td>
<td>30</td>
</tr>
<tr>
<td>155.798</td>
<td>Research Report</td>
<td>30</td>
</tr>
<tr>
<td>155.799</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>

Communication (closed to new enrolments from 2017)

Subject courses
At least 90 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>219.702</td>
<td>Management Communication</td>
<td>30</td>
</tr>
<tr>
<td>219.703</td>
<td>Advanced Business Communication</td>
<td>30</td>
</tr>
<tr>
<td>219.704</td>
<td>Advanced Cross-Cultural Communication</td>
<td>30</td>
</tr>
<tr>
<td>219.705</td>
<td>Advanced News Media Processes</td>
<td>30</td>
</tr>
<tr>
<td>219.706</td>
<td>Advanced Public Relations</td>
<td>30</td>
</tr>
<tr>
<td>219.708</td>
<td>Political Communication</td>
<td>30</td>
</tr>
<tr>
<td>219.790</td>
<td>Research Methods in Communication</td>
<td>30</td>
</tr>
</tbody>
</table>

Economics (closed to new enrolments from 2017)

Subject courses
At least 90 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>125.785</td>
<td>Research Methods in Economics and Finance</td>
<td>30</td>
</tr>
<tr>
<td>178.702</td>
<td>Macroeconomics</td>
<td>30</td>
</tr>
<tr>
<td>178.703</td>
<td>The Theory and Practice of Economics</td>
<td>30</td>
</tr>
<tr>
<td>178.712</td>
<td>International Monetary Economics</td>
<td>30</td>
</tr>
<tr>
<td>178.713</td>
<td>Microeconomics</td>
<td>30</td>
</tr>
</tbody>
</table>

Finance (closed to new enrolments from 2017)

Subject courses
At least 90 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>125.700</td>
<td>Managerial Finance</td>
<td>30</td>
</tr>
<tr>
<td>125.732</td>
<td>Advanced Corporate Finance</td>
<td>30</td>
</tr>
<tr>
<td>125.740</td>
<td>Advanced Investment Analysis</td>
<td>30</td>
</tr>
<tr>
<td>125.780</td>
<td>Advanced International Finance</td>
<td>30</td>
</tr>
<tr>
<td>125.781</td>
<td>Advanced Financial Risk Management</td>
<td>30</td>
</tr>
<tr>
<td>125.785</td>
<td>Research Methods in Economics and Finance</td>
<td>30</td>
</tr>
<tr>
<td>125.799</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>

Financial Economics (closed to new enrolments from 2017)

Finance subject courses
60 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>125.700</td>
<td>Managerial Finance</td>
<td>30</td>
</tr>
<tr>
<td>125.732</td>
<td>Advanced Corporate Finance</td>
<td>30</td>
</tr>
<tr>
<td>125.740</td>
<td>Advanced Investment Analysis</td>
<td>30</td>
</tr>
<tr>
<td>125.780</td>
<td>Advanced International Finance</td>
<td>30</td>
</tr>
<tr>
<td>125.781</td>
<td>Advanced Financial Risk Management</td>
<td>30</td>
</tr>
<tr>
<td>125.785</td>
<td>Research Methods in Economics and Finance</td>
<td>30</td>
</tr>
<tr>
<td>125.799</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>

Economics subject courses
60 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>125.785</td>
<td>Research Methods in Economics and Finance</td>
<td>30</td>
</tr>
<tr>
<td>178.702</td>
<td>Macroeconomics</td>
<td>30</td>
</tr>
<tr>
<td>178.703</td>
<td>The Theory and Practice of Economics</td>
<td>30</td>
</tr>
<tr>
<td>178.712</td>
<td>International Monetary Economics</td>
<td>30</td>
</tr>
<tr>
<td>178.713</td>
<td>Microeconomics</td>
<td>30</td>
</tr>
</tbody>
</table>
178.718 Health Economics 30
178.732 Advanced Econometrics 30 P 125.785 or any 300-level Econometrics course
178.755 Economic Growth, International and Development Economics 30 P Any undergraduate-level Economics course or 178.703; R 178.750, 178.770
178.775 The Economics of Knowledge and Innovation 30 P 115.106 or 115.113 or 178.1xx or 178.703
178.799 Research Project 30 P Graduate status and Permission Head of School

Human Resource Management (closed to new enrolments from 2017)
Subject courses
At least 90 credits from:
114.704 Managing the Employment Relationship 30
114.710 Organisational Learning 30
114.722 Advanced Organisational Behaviour 30 P Permission Head of School or 114.702
114.723 Performance Management 30 P 114.326 or 114.700 or 114.702; R 114.724, 114.726
114.728 Valuing Human Resource Talent in Business Enterprises 30 P 114.326 or 114.700 or 114.702
114.735 Competitive Advantage and HRM Strategy 30 P Permission Head of School or 114.326 or 114.700 or 114.702; R 114.725
114.761 International Human Resource Management 30
114.762 Career Management in an International Context 30
114.778 Research Report Part 1 30
114.779 Research Report Part 2 30
114.792 Research Report (2P) 30
152.781 Advanced Research Methods in Business 30
152.784 Research Report 30
152.785 Research Report 30
234.731 Advanced Sport in the Social Context 30 R 152.710
234.732 Advanced Sport Management 30 R 152.711
234.736 Advanced Sport Coaching 30 R 152.713
234.738 Advanced Sport Practicum 30 R 152.715

Marketing (closed to new enrolments from 2017)
Subject courses
At least 90 credits from:
156.700 Essentials of Marketing 30 R 156.741, 115.104, 115.116
156.742 Advanced Consumer Behaviour 30 P or C 156.709 or Permission Head of School
156.743 Advanced Marketing Planning and Strategy 30 P 156.700 or Permission Head of School; C 156.700
156.744 Advanced Marketing Research and Analysis 30 P 156.700 or Permission Head of School; C 156.700
156.755 Advanced Social Media and Mobile Marketing 30 P 156.700 or Permission Head of School
156.756 Advanced Social Marketing 30

Occupational Safety and Health (closed to new enrolments from 2017)
Compulsory courses (30 credits):
251.731 Advanced Occupational Safety and Health 30

Subject courses
At least 60 credits from:
251.773 Hazard Management 30
251.770 Health and Safety Auditing 30
251.772 Advanced Occupational Hygiene 30
251.775 Special Topic in Occupational Safety and Health 30

Schedule B Postgraduate Diploma in Business Elective Courses
114.702 Human Resource Management and Workplace Relations 30 R any 30 credits from 114.700, 114.701, 114.704, 114.705
114.709 Managing the Employment Relationship 30
114.710 Organisational Learning 30
114.722 Advanced Organisational Behaviour 30 P Permission Head of School or 114.702
114.723 Performance Management 30 P 114.326 or 114.700 or 114.702; R 114.724, 114.726
114.728 Valuing Human Resource Talent in Business Enterprises 30 P 114.326 or 114.700 or 114.702
114.735 Competitive Advantage and HRM Strategy 30 P Permission Head of School or 114.326 or 114.700 or 114.702; R 114.725
114.761 International Human Resource Management 30
114.762 Career Management in an International Context 30
114.778 Research Report Part 1 30
114.779 Research Report Part 2 30
114.792 Research Report (2P) 30
125.700 Managerial Finance 30 P Permission Head of School; R 125.330
137.710 The Theory and Management of Banking 30 P Permission Head of School; R 137.701, 137.702
152.700 Organisation and Management 30 R 152.200, 152.300
152.701 Advanced Management 30
152.702 Advanced Strategic Management 30
152.704 Business and Sustainability 30 R 115.783
152.705 Advanced Change Management 30 R 152.707
152.707 Leading and Changing Organisations 30 R 152.709, 152.705
152.709 Leadership 30 R 152.707
152.719 Advanced Management of Fitness/Athletic Conditioning 30
152.724 Advanced Services Management 30
152.728 Innovation and New Ventures 30 R 26.441, 52.731
152.726 Issues in Entrepreneurship 30 R 26.442, 52.732
152.740 Public Sector Management 30
152.742 Health Systems Management 30 R 250.742
152.743 Health Policy 30 R 250.743
152.746 Contemporary Issues in Health Service Management 30 R 250.746
152.752 Project Management 30
152.757 Critical Management Studies 30
152.761 Advanced International Business 30
152.762 The International Business Environment 30
152.764 Topics in International Business 30
152.766 International Entrepreneurship 30
152.768 Managing Knowledge 30
152.778 Research Report Part 1 30
152.779 Research Report Part 2 30
152.781 Advanced Research Methods in Business 30
152.784 Research Report 30
152.785 Research Report 30
155.700 Fundamentals of Law 30
155.702 Special Topic Business Law 30
155.704 Corporate Governance 30 P 155.200 or 155.203; R 155.703
155.705 Special Topic Business Law 30

155.798 Research Report 30
155.799 Research Report 30
156.700 Essentials of Marketing 30 R 158.741, 115.104, 115.116
156.742 Advanced Consumer Behaviour 30 P 156.700 or Permission Head of School; C 156.700
156.743 Advanced Marketing Planning and Strategy 30 P 156.700 or Permission Head of School; C 156.700
156.744 Advanced Marketing Research and Analysis 30 P 156.700 or Permission Head of School; C 156.700
156.755 Advanced Social Media and Mobile Marketing 30 P 156.700 or Permission Head of School
156.758 Advanced Social Marketing 30
178.703 The Theory and Practice of Economics 30
219.702 Management Communication 30
219.703 Advanced Business Communication 30
219.704 Advanced Cross-Cultural Communication 30
219.705 Advanced News Media Processes 30
219.706 Advanced Public Relations 30
219.708 Political Communication 30
219.790 Research Methods in Communication 30
234.731 Advanced Sport in the Social Context 30 R 152.710
234.732 Advanced Sport Management 30 R 152.711
234.736 Advanced Sport Coaching 30 R 152.713
234.738 Advanced Sport Practicum 30 R 152.715
251.731 Advanced Occupational Safety and Health 30
251.773 Hazard Management 30
251.770 Health and Safety Auditing 30
251.772 Advanced Occupational Hygiene 30

The Postgraduate Diploma in Cognitive Behaviour Therapy
PGDipCogBehTher

No new enrolments from 2018

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the degree of Postgraduate Diploma in Cognitive Behaviour Therapy requires that the candidate will:
   (a) have met the University admission requirements as specified; and
   (b) have been awarded or qualified for a relevant Bachelor’s degree from a New Zealand tertiary institution, or equivalent; and
   (c) have completed relevant work experience in mental health, undertaken within five years of application for admission to the programme, as approved by the Academic Board or their delegate.

Qualification Requirements
2. Candidates for the Postgraduate Diploma in Cognitive Behaviour Therapy shall follow a flexible course of study, which shall consist of 700-level courses totalling at least 120 credits, comprising:
   (a) courses specified in the Schedule to the Diploma; and including
   (b) attending contact workshops, block courses, workshops, tutorials and carrying out supervised practice as required.

Specialisations
3. The Postgraduate Diploma in Cognitive Behaviour Therapy is awarded without endorsement.

Academic Requirements
4. Every candidate for the Postgraduate Diploma in Cognitive Behaviour Therapy shall perform to the satisfaction of the Academic Board or their delegate clinical practice in accordance with the requirements of the following course: 175.765 Cognitive Behaviour Therapy Clinical Practicum.

Student Progression
5. Before enrolling in the Clinical Practicum, candidates shall provide evidence to the satisfaction of Academic Board or their delegate that they have prior experience in mental health and a current supervised caseload in an institution or institutions approved for this purpose by the Academic Board or their delegate.
6. In cases of sufficient merit, the Postgraduate Diploma in Cognitive Behaviour Therapy may be awarded with distinction or merit.

Completion Requirements
7. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress
8. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Postgraduate Diploma in Cognitive Behaviour Therapy
Compulsory subject courses (60 credits)
175.761 Theory and Practice of Cognitive Behaviour Therapy 15
175.762 Cognitive Behaviour Therapy for Depression 15 P/C 175.761
175.763 Cognitive Behaviour Therapy for Anxiety Disorders 15 P 175.761, 175.762
### The Postgraduate Diploma in Communication
#### PGDipC

**Qualification Regulations**

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

**Admission**

1. Admission to the Postgraduate Diploma in Communication requires that the candidate will:
   - (a) meet the University admission requirements as specified; and
   - (b) shall have been awarded or qualified for a university Bachelor’s degree or an equivalent qualification in a field related to the study of communication and have achieved a B grade average over the 300-level courses; and
   - (c) have achieved an IELTS of 7 with no band less than 6.5 within the preceding five years, if English is not the applicant’s first language and the qualifying degree was not completed at a university where English was the medium of instruction.

**Qualification Requirements**

2. Candidates for the Postgraduate Diploma in Communication shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits at 700 level, including:
   - (a) the core courses listed in Schedule A to the Qualification;
   - (b) a minima of 30 credits from Schedule B to the Qualification;
   - (c) a maxima of 30 credits from Schedule C to the Qualification;
   - (d) attending field trips, contact workshops, studios, workshops, tutorials and laboratories as required.

**Specialisations**

3. The Postgraduate Diploma in Communication is awarded without specialisation.

**Completion Requirements**

4. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

5. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Arts or the Postgraduate Certificate in Business should they meet the relevant qualification requirements.

**Unsatisfactory Academic Progress**

6. The general Unsatisfactory Academic Progress regulations will apply.

#### Schedule for the Postgraduate Diploma in Communication

**Schedule A: Core Courses (60 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>154.721</td>
<td>The Communication Field</td>
<td>30</td>
</tr>
</tbody>
</table>

**Schedule B: Communication Courses (maximum 60 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>139.749</td>
<td>Writing Science</td>
<td>30</td>
</tr>
<tr>
<td>139.763</td>
<td>Community Theatre</td>
<td>30</td>
</tr>
<tr>
<td>139.764</td>
<td>Theatre for Innovation and Communication</td>
<td>30</td>
</tr>
<tr>
<td>139.765</td>
<td>New Directions in Creative Writing</td>
<td>30</td>
</tr>
<tr>
<td>154.702</td>
<td>Advanced Film Studies</td>
<td>30</td>
</tr>
<tr>
<td>154.708</td>
<td>Modern Fiction, Popular Culture and the Media</td>
<td>30</td>
</tr>
<tr>
<td>154.709</td>
<td>Technology and Cultural Change</td>
<td>30</td>
</tr>
<tr>
<td>154.747</td>
<td>Media Practice and Global Culture</td>
<td>30</td>
</tr>
<tr>
<td>156.755</td>
<td>Advanced Social Media and Mobile Marketing</td>
<td>30</td>
</tr>
<tr>
<td>156.758</td>
<td>Advanced Social Marketing</td>
<td>30</td>
</tr>
<tr>
<td>172.712</td>
<td>Multimodal Discourse Analysis</td>
<td>30</td>
</tr>
<tr>
<td>172.713</td>
<td>Language and Communication in Late Modernity</td>
<td>30</td>
</tr>
<tr>
<td>219.702</td>
<td>Management Communication</td>
<td>30</td>
</tr>
<tr>
<td>219.703</td>
<td>Advanced Business Communication</td>
<td>30</td>
</tr>
<tr>
<td>219.704</td>
<td>Advanced Cross-Cultural Communication</td>
<td>30</td>
</tr>
<tr>
<td>219.705</td>
<td>Advanced News Media Processes</td>
<td>30</td>
</tr>
<tr>
<td>219.706</td>
<td>Advanced Public Relations</td>
<td>30</td>
</tr>
<tr>
<td>219.708</td>
<td>Political Communication</td>
<td>30</td>
</tr>
<tr>
<td>219.709</td>
<td>Advanced Journalism Issues</td>
<td>30</td>
</tr>
<tr>
<td>219.710</td>
<td>Persuasive Communication Practice</td>
<td>30</td>
</tr>
</tbody>
</table>

**Schedule C: Elective Courses (maximum 30 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>114.702</td>
<td>Human Resource Management and Workplace Relations</td>
<td>30</td>
</tr>
<tr>
<td>130.705</td>
<td>Emergency Management</td>
<td>30</td>
</tr>
<tr>
<td>150.701</td>
<td>Tiro Rangatiratanga: Strategic Māori Development</td>
<td>30</td>
</tr>
<tr>
<td>200.761</td>
<td>International Relations: Theory and Practice</td>
<td>30</td>
</tr>
<tr>
<td>230.701</td>
<td>Evaluation: Theory and Principles</td>
<td>30</td>
</tr>
<tr>
<td>287.730</td>
<td>Quality Management</td>
<td>30</td>
</tr>
</tbody>
</table>

### The Postgraduate Diploma in Construction
#### PGDipConstr

**Qualification Regulations**

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

**Admission**

1. Admission to the Postgraduate Diploma in Construction requires that the candidate will:
   - (a) meet the University admission requirements as specified; and
Qualification Requirements

2. Candidates for the Postgraduate Diploma in Construction shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) at least 120 credits at 700 or 800 level;
   (b) courses selected from the Schedule to the Degree.
   And including:
   (c) attending block courses, workshops, tutorials or laboratories as required.

Specialisations

3. The Postgraduate Diploma in Construction may be awarded with or without an endorsement.

4. Candidates may complete an endorsement by passing at least 60 credits in an endorsement. The requirements for each endorsement are set out in Schedule A for the Qualification.


Student Progression

6. In cases of sufficient merit, the Postgraduate Diploma may be awarded with distinction or merit.

Completion Requirements

7. The timetables for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

8. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress

9. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Postgraduate Diploma in Construction

Schedule A: Endorsement Courses

<table>
<thead>
<tr>
<th>Building Technology (60 credits)</th>
<th>228.769 Energy Efficient Building Design</th>
<th>15</th>
<th>P 228.741 or 228.743, R 142.769</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>218.730 Construction Project Management</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td></td>
<td>228.743 Energy Management</td>
<td>15</td>
<td>P 228.741 or 228.769 or 280.271; R 142.743</td>
</tr>
<tr>
<td></td>
<td>218.761 Design and Management of Healthy Buildings</td>
<td>15</td>
<td>R 218.760</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Construction Law (60 credits)</th>
<th>218.763 Construction Law I</th>
<th>15</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>218.764 Construction Law II</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>218.765 Construction Adjudication</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>218.730 Construction Project Management</td>
<td>15</td>
</tr>
</tbody>
</table>

Schedule B: Elective Courses

<table>
<thead>
<tr>
<th>114.702 Human Resource Management and Workplace Relations</th>
<th>30</th>
<th>R any 30 credits from 114.700, 114.701, 114.704, 114.705</th>
</tr>
</thead>
<tbody>
<tr>
<td>218.730 Construction Project Management</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>218.761 Design and Management of Healthy Buildings</td>
<td>15</td>
<td>R 218.760</td>
</tr>
<tr>
<td>228.743 Energy Management</td>
<td>15</td>
<td>P 228.741 or 228.769 or 280.271; R 142.743</td>
</tr>
</tbody>
</table>

Quantity Surveying (60 credits)

| 218.730 Construction Project Management                   | 15  |                                                             |
| 218.780 Construction Commercial Management I              | 15  |                                                             |
| 218.781 Construction Commercial Management II              | 15  |                                                             |
| 218.764 Construction Law II                                | 15  |                                                             |

The Postgraduate Diploma in Counselling

No new enrolments from 2012

Please refer to the 2011 Massey University Calendar for the regulations.
The Postgraduate Diploma in Design
PGDipDes

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Postgraduate Diploma in Design requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for the award of a Bachelor of Design or equivalent; and
   (c) have been selected into the programme on the basis of a portfolio of design work prepared by the candidate, and an interview if required.

Qualification Requirements

2. Candidates for the Postgraduate Diploma in Design shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) at least 15 credits from Schedule A;
   (b) at least 75 credits from Schedule B; and including:
   (c) completion of an endorsement;
   (d) the remaining courses from Schedule C.

Specialisations

3. Candidates must complete the requirements of an endorsement by passing at least 75 credits in that endorsement. The courses for each endorsement are set out in Schedule B.


Student Progression

5. In cases of sufficient merit, the Postgraduate Diploma in Design may be awarded with distinction or merit.

Completion Requirements

6. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

7. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress

8. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Postgraduate Diploma in Design

Schedule A – Core Course Selection (at least 15 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>197.485</td>
<td>Creative Futures</td>
<td>15</td>
</tr>
<tr>
<td>213.485</td>
<td>Exhibition</td>
<td>15</td>
</tr>
<tr>
<td>237.485</td>
<td>Creative Exposition</td>
<td>15</td>
</tr>
</tbody>
</table>

Schedule B – Endorsement Courses

Fashion Design

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>212.453</td>
<td>Fashion Design Research and Development</td>
<td>30</td>
<td>P B- average over 212.358 and 212.330 or B- average over 212.381 and 212.310; or PGDipDes admission</td>
</tr>
<tr>
<td>212.454</td>
<td>Fashion Design Research Project</td>
<td>45</td>
<td>P 212.453</td>
</tr>
</tbody>
</table>

Industrial Design

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>198.453</td>
<td>Industrial Design Research and Development</td>
<td>30</td>
<td>P B- average over 198.358 and 212.330 or B- average over 198.355 and 198.390; or PGDipDes admission</td>
</tr>
<tr>
<td>198.454</td>
<td>Industrial Design Research Project</td>
<td>45</td>
<td>P 198.453</td>
</tr>
</tbody>
</table>

Photography

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>221.453</td>
<td>Photography Research and Development</td>
<td>30</td>
<td>P B- average over 221.358 and 212.330 or B- average over 221.370 and 221.381; or PGDipDes admission</td>
</tr>
<tr>
<td>221.454</td>
<td>Photography Research Project</td>
<td>45</td>
<td>P 221.453</td>
</tr>
</tbody>
</table>

Spatial Design

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>224.453</td>
<td>Spatial Design Research and Development</td>
<td>30</td>
<td>P B- average over 224.358 and 224.330 or B- average over 224.352 and 224.381; or PGDipDes admission</td>
</tr>
<tr>
<td>224.454</td>
<td>Spatial Design Research Project</td>
<td>45</td>
<td>P 224.453</td>
</tr>
</tbody>
</table>

Textile Design

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>223.453</td>
<td>Textile Design Research and Development</td>
<td>30</td>
<td>P B- average over 223.358 and 223.330 or B- average over 223.370 and 223.381; or PGDipDes admission; R 223.450 and 223.451</td>
</tr>
<tr>
<td>223.454</td>
<td>Textile Design Research Project</td>
<td>45</td>
<td>P 223.453</td>
</tr>
</tbody>
</table>

Visual Communication Design

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>222.453</td>
<td>Visual Communication Design Research and Development</td>
<td>30</td>
<td>P B- average over 222.358 and 222.330 or B- average over 222.370 and 222.381; or PGDipDes admission; R 222.358 and 222.451</td>
</tr>
<tr>
<td>222.454</td>
<td>Visual Communication Design Research Project</td>
<td>45</td>
<td>P 222.453</td>
</tr>
</tbody>
</table>

Schedule C – Elective Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>197.440</td>
<td>Contemporary Design Project D</td>
<td>15 P Permission Course Coordinator</td>
</tr>
<tr>
<td>197.441</td>
<td>Contemporary Design Project E</td>
<td>15 P Permission Course Coordinator</td>
</tr>
<tr>
<td>197.442</td>
<td>Contemporary Design Project F</td>
<td>15 P Permission Course Coordinator</td>
</tr>
<tr>
<td>197.443</td>
<td>Contemporary Design Project G</td>
<td>15 P Permission Course Coordinator</td>
</tr>
<tr>
<td>197.465</td>
<td>Creative Futures</td>
<td>15 P 198.358 or 212.358 or 213.342 or 221.358 or 222.358 or 223.358 or 224.358</td>
</tr>
<tr>
<td>197.470</td>
<td>Creative Ecologies III</td>
<td>15 P 198.358 or 212.358 or 213.342 or 221.358 or 222.358 or 223.358 or 224.358</td>
</tr>
<tr>
<td>197.471</td>
<td>Social Interventions Through Design</td>
<td>15</td>
</tr>
<tr>
<td>197.490</td>
<td>Design Special Topic A</td>
<td>15 P Permission Course Coordinator</td>
</tr>
<tr>
<td>197.495</td>
<td>Design Independent Study</td>
<td>15 P Permission Head of School</td>
</tr>
<tr>
<td>197.499</td>
<td>Design Special Topic</td>
<td>30 P Permission Course Coordinator</td>
</tr>
<tr>
<td>197.433</td>
<td>Designing Science Fiction</td>
<td>15 P 198.358 or 212.358 or 213.342 or 221.358 or 222.358 or 223.358 or 224.358</td>
</tr>
<tr>
<td>197.434</td>
<td>Design Awards and Competitions</td>
<td>15 P Permission Course Coordinator</td>
</tr>
</tbody>
</table>
### Qualification Regulations

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

**Admission**

1. Admission to the Postgraduate Diploma in Education requires that the candidate will:
   (a) meet the University admission requirements as specified; and shall have:
   (b) been awarded or qualified for the Bachelor of Education, or equivalent; or
   (c) been awarded or qualified for any other Bachelor’s degree or equivalent, and hold a professional qualification in teaching; or
   (d) been awarded or qualified for any other Bachelor’s degree or equivalent, and have professional experience relevant to the intended postgraduate subject.

**Qualification Requirements**

2. Candidates for the Postgraduate Diploma in Education shall follow a flexible programme of study, which shall consist of 700-level courses totalling at least 120 credits from the Schedule to the Diploma.

3. Notwithstanding Regulation 2, subject to the approval of the Academic Board, candidates may complete an endorsement by passing at least 90 credits in any 300-level course or courses (other than the major area) listed in the Schedule to the Diploma, with academic supervision as required.

4. The qualification may be awarded with or without an endorsement.

5. Candidates may complete an endorsement by passing at least 90 credits in an endorsement, including any compulsory courses. The requirements for each endorsement are set out in the Schedule for the Diploma.

6. The endorsements available for the Postgraduate Diploma in Education are Counselling and Guidance, Early Years, Educational Administration and Leadership, Educational Psychology (closed to new enrolments from 2017), E-Learning, Inclusive Education, Literacy Education, Māori Education, Mathematics Education, Teaching and Learning, Teaching English to Speakers of Other Languages Leadership, and Tertiary Education.

**Student Progression**

7. In cases of sufficient merit, the Postgraduate Diploma in Education may be awarded with distinction or merit.

**Completion Requirements**

8. The timeframes for completion as outlined in General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of the Academic Board, be awarded the Postgraduate Certificate in Education should they meet the relevant Qualification requirements.

**Unsatisfactory Academic Progress**

10. The general Unsatisfactory Academic Progress regulations will apply.

**Transitional Provisions**

11. All candidates commencing study towards the Postgraduate Diploma in Education on or after 1 January 2016 must satisfy the requirements specified in these regulations.
12. Candidates who commence study towards the Postgraduate Diploma in Education prior to 1 January 2016 may choose to transfer to these regulations, providing they can satisfy all requirements as specified.

13. In all cases candidates must complete the qualification within the timeframes as specified in the Completion Requirements.

**Schedule for the Postgraduate Diploma in Education**

**Postgraduate Diploma in Education Endorsements**

### Counselling and Guidance

**Compulsory courses (60 credits):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>253.750</td>
<td>Counselling Theory</td>
<td>30</td>
</tr>
<tr>
<td>253.755</td>
<td>Culture and Counselling</td>
<td>30</td>
</tr>
</tbody>
</table>

**Endorsement courses:**

At least 30 credits from:

- 253.753 Guidance in Education 30
- 253.754 Family and Couples Counselling 30

**Up to 30 credits from any other course from the Schedule to the Postgraduate Diploma in Education or from 147.7xx or 175.7xx courses.**

### Early Years

**Endorsement courses:**

At least 90 credits from:

- 265.736 Quality in Early Years Education 30
- 265.737 Young Children and Their Families 30
- 265.738 Children’s Play and Learning in an Intentional Teaching Practice 30
- 265.740 Advanced Studies on Learning in the Early Years 30

### Educational Administration and Leadership

**Compulsory courses (60 credits):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>259.771</td>
<td>Educational Leadership in Action</td>
<td>30</td>
</tr>
<tr>
<td>259.772</td>
<td>Theory and Process in Educational Leadership</td>
<td>30</td>
</tr>
</tbody>
</table>

**Endorsement courses:**

At least 30 credits from:

- 254.774 Evaluation of Educational Organisations 30
- 254.775 Management of Human Resources in Educational Organisations 30

### Educational Psychology (no new enrolments from 2018)

**Compulsory courses (120 credits):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>249.744</td>
<td>Understanding Learners with Behaviour Difficulties</td>
<td>30 R 186.744</td>
</tr>
<tr>
<td>258.754</td>
<td>Assessment in Educational Psychology</td>
<td>30 R 186.744, 186.747</td>
</tr>
<tr>
<td>258.722</td>
<td>The Nature, Prevention and Remediation of Literacy Learning Difficulties</td>
<td>30</td>
</tr>
<tr>
<td>267.781</td>
<td>Research Methods in Professional Practice</td>
<td>30 R 271.713</td>
</tr>
</tbody>
</table>

### Mathematics Education

**Endorsement courses:**

At least 90 credits from:

- 276.700 Developing Mathematical Inquiry Communities 30
- 276.730 Enterprising STEM Education 30
- 276.782 Mathematics Education 30
- 276.784 Current Issues in Teaching Mathematics 30
- 276.785 Making Mathematics Accessible 30 R 254.785

### Teaching and Learning

**Endorsement courses:**

At least 90 credits from:

- 263.702 Facing Big Questions in Education 30
- 263.703 Enhancing Teacher Learning and Mentoring 30
- 263.704 Advanced Studies in Motivation and Learning 30

---

### Curriculum Endorsements

- **Compulsory courses (60 credits):**
  - 253.750 Counselling Theory 30
  - 253.755 Culture and Counselling 30

- **Endorsement courses:**
  - At least 30 credits from:
    - 253.753 Guidance in Education 30
    - 253.754 Family and Couples Counselling 30

- **Up to 30 credits from any other course from the Schedule to the Postgraduate Diploma in Education or from 147.7xx or 175.7xx courses.**

- **Early Years Endorsement courses:**
  - At least 90 credits from:
    - 265.736 Quality in Early Years Education 30
    - 265.737 Young Children and Their Families 30
    - 265.738 Children’s Play and Learning in an Intentional Teaching Practice 30
    - 265.740 Advanced Studies on Learning in the Early Years 30

- **Educational Administration and Leadership Endorsement courses:**
  - At least 30 credits from:
    - 254.774 Evaluation of Educational Organisations 30
    - 254.775 Management of Human Resources in Educational Organisations 30

- **Educational Psychology (no new enrolments from 2018) Compulsory courses (120 credits):**
  - 249.744 Understanding Learners with Behaviour Difficulties 30 R 186.744
  - 258.754 Assessment in Educational Psychology 30 R 186.744, 186.747
  - 258.722 The Nature, Prevention and Remediation of Literacy Learning Difficulties 30
  - 267.781 Research Methods in Professional Practice 30 R 271.713

- **Mathematics Education Endorsement courses:**
  - At least 90 credits from:
    - 276.700 Developing Mathematical Inquiry Communities 30
    - 276.730 Enterprising STEM Education 30
    - 276.782 Mathematics Education 30
    - 276.784 Current Issues in Teaching Mathematics 30
    - 276.785 Making Mathematics Accessible 30 R 254.785

- **Teaching and Learning Endorsement courses:**
  - At least 90 credits from:
    - 263.702 Facing Big Questions in Education 30
    - 263.703 Enhancing Teacher Learning and Mentoring 30
    - 263.704 Advanced Studies in Motivation and Learning 30

---

276.766 Teaching for E-Learning 30

### Inclusive Education

**Compulsory courses (60 credits):**

- 249.741 Assessment and Planning for Learners with Diverse Needs 30 R 186.741
- 249.742 Teaching Methods for Learners with Diverse Needs 30 R 186.742

**Endorsement courses:**

- At least 30 credits from:
  - 249.744 Understanding Learners with Behaviour Difficulties 30 R 186.744
  - 256.756 Applied Behaviour Analysis for Educators 30 R 186.756

### Literacy Education

**Compulsory courses (30 credits):**

- 258.720 Foundations of Literacy Education 30

**Endorsement courses**

At least 60 credits from:

- 258.721 Teaching Students with Literacy Learning Difficulties 30
- 258.722 The Nature, Prevention and Remediation of Literacy Learning Difficulties 30
- 258.723 Teaching Writing in the Classroom 30

### Māori Education

**Compulsory courses (60 credits):**

- 269.711 Policy and Development in Māori Education 30
- 269.734 Mana Whānau Whānau Engagement in Education 30

**Endorsement courses**

At least 30 credits from:

- Mana Motuhake: Contemporary Issues in Māori and Indigenous Education 30
- Mana Kura: Leadership in Māori Education 30
- Mana Mātauranga: Indigeneity, Innovation and Information 30

### Mathematics Education

**Endorsement courses:**

At least 90 credits from:

- 276.700 Developing Mathematical Inquiry Communities 30
- 276.730 Enterprising STEM Education 30
- 276.782 Mathematics Education 30
- 276.784 Current Issues in Teaching Mathematics 30
- 276.785 Making Mathematics Accessible 30 R 254.785

### Teaching and Learning

**Endorsement courses**

At least 90 credits from:

- 263.702 Facing Big Questions in Education 30
- 263.703 Enhancing Teacher Learning and Mentoring 30
- 263.704 Advanced Studies in Motivation and Learning 30
Teaching English to Speakers of Other Languages Leadership

Compulsory courses (60 credits):
- 259.771 Educational Leadership in Action
- 259.722 Theory and Process in Educational Leadership

Endorsement courses
At least 30 credits from:
- 254.706 Advanced Studies in Curriculum Policy and Practice
- 254.744 Educational Issues Among Pacific Islands Peoples in New Zealand
- 254.733 Educational Policy Analysis
- 259.776 Gender Issues and Educational Leadership
- 259.777 Leadership and Learning in Diverse Contexts
- 259.711 Policy and Development in Māori Education
- 273.725 Leadership and Communication in Tertiary Education
- 254.775 Management of Human Resources in Educational Organisations
- 257.766 Leading TESOL in Diverse Contexts
- 257.723 Cultures and Learning: Diversity in Tertiary Education
- 257.724 The Expert Teacher of Adults: Principles and Practice
- 257.785 Assessment and Evaluation in Tertiary Education
- 257.767 Current Issues and Innovations in TESOL Leadership
- 257.725 Leadership and Communication in Tertiary Education
- 267.720 Cultural Differences and Education

Tertiary Education

Compulsory courses (30 credits):
- 273.784 Learning and Teaching in Tertiary Education

Endorsement courses
At least 60 credits from:
- 257.789 Teaching Content to English Language Learners
- 259.780 Language Policy and Assessment
- 257.785 Assessment and Evaluation in Tertiary Education
- 267.742 Quantitative Research in Education
- 267.743 Qualitative Research in Education
- 267.782 Quantitative Research in Education
- 267.783 Qualitative Research in Education
- 254.701 Ethics in Education
- 254.706 Advanced Studies in Curriculum Policy and Practice
- 254.773 Educational Policy Analysis
- 273.722 Adult Learning: Myths and Realities
- 267.722 Adult Learning: Myths and Realities
- 267.782 Quantitative Research in Education
- 267.783 Qualitative Research in Education
- 254.789 Teaching Adolescent Learning and Engagement
- 257.766 Leading TESOL in Diverse Contexts
- 257.723 Cultures and Learning: Diversity in Tertiary Education
- 257.724 The Expert Teacher of Adults: Principles and Practice
- 257.785 Assessment and Evaluation in Tertiary Education
- 257.767 Current Issues and Innovations in TESOL Leadership
- 259.776 Gender Issues and Educational Leadership
- 259.777 Leadership and Learning in Diverse Contexts
- 267.725 Leadership and Communication in Tertiary Education
- 267.720 Cultural Differences and Education

The Postgraduate Diploma in Educational Administration and Leadership
PGDipEdAdminLead

No new enrolments from 2016

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Eligibility
1. Before enrolling in the PGDip in Educational Administration and Leadership candidates shall:
   (a) have been admitted to a university degree and have been granted admission to postgraduate study as entitled to proceed to the Postgraduate Diploma in Educational Administration and Leadership;
   (b) have satisfied the Academic Board that they have sufficient background of professional experience to be likely to benefit from the programme.

Programme of Study
2. A candidate shall follow for not less than one year a programme of study comprising four courses to a value of 120 credits.
3. Candidates shall pass courses from the following list to a total of at least 120 credits:
   (a) Two compulsory courses:
       - 259.771 Educational Leadership in Action
       - 259.722 Theory and Process in Educational Leadership
   (b) At least one of the following courses:
       - 254.701 Ethics in Education
       - 254.706 Advanced Studies in Curriculum Policy and Practice
       - 254.773 Educational Policy Analysis
       - 254.774 Evaluation of Educational Organisations

Endorsement courses
At least 60 credits from:
- 267.722 Adult Learning: Myths and Realities
- 267.723 Cultures and Learning: Diversity in Tertiary Education
- 267.724 The Expert Teacher of Adults: Principles and Practice
- 267.785 Assessment and Evaluation in Tertiary Education

Elective courses
- 257.766 Leading TESOL in Diverse Contexts
- 257.723 Cultures and Learning: Diversity in Tertiary Education
- 257.724 The Expert Teacher of Adults: Principles and Practice

Note
1. Students intending to complete a Master’s degree must complete both 267.782 and 267.783 as part of their diploma.
2. Candidates who successfully complete the programme of study may apply for entry into the Master of Educational Administration and Leadership, providing they have at least a B grade average (Coursework pathway) or B+ (Research pathway) and meet the specified criteria for the programme.
3. A candidate’s programme of study may not exceed four years, unless a period of suspension or extension is approved by the Academic Board.
4. The diploma shall be awarded on the basis of the whole evaluation with the provision that each course shall be at least of pass standard.
Case Study Analyses

Professional Practice Examination

P 256.854 and 256.855; C 256.843,

30

30

C 256.841, 256.844 and 256.846; R

Discipline Knowledge,

Prerequisite C Corequisite R Restriction

MASSEY UNIVERSITY 2018 CALENDAR

1. Admission to the Postgraduate Diploma in Emergency Management

Part I

Admission

1. Admission to the Postgraduate Diploma in Emergency and Developmental Psychology requires that the candidate will:

(a) meet the University admission requirements as specified; and shall have:

(b) been awarded or qualified for either a Master of Educational and Developmental Psychology or a Postgraduate Certificate in Educational Psychology, having achieved a grade average of at least a B+, or equivalent; and shall have:

(c) completed at least 60 credits of Academic Board or delegate approved psychology courses including at least 45 credits at 200 level or higher; and

(d) met all requirements as set by the New Zealand Psychologists Board for registration as an Intern Educational Psychologist; and

(e) met the requirements as set down by the New Zealand Psychologists Board, in terms of good character and fitness to be registered; and

(f) access to a suitable psychology practice context and professional supervision for the duration of the programme, as approved by Academic Board or their delegate.

2. Admission to the Postgraduate Diploma in Educational and Developmental Psychology will be granted or withheld on consideration of the admission requirements specified under Regulation 1, a Police Vetting report and a selection process which may include a written application, interview, and written and/or practical exercises as may be determined by the Academic Board or their delegate.

Qualification Requirements

3. Candidates for the Postgraduate Diploma in Educational and Developmental Psychology shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:

(a) courses from the Schedule to the Diploma;

and including:

(b) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations

4. The Postgraduate Diploma in Educational and Developmental Psychology is awarded without specialisation.

The Postgraduate Diploma in Educational and Developmental Psychology

PGDipEdDevPsych

Academic Requirements

5. Every candidate shall perform to the satisfaction of Academic Board or their delegate supervised full-time practical work for a period of one academic year, in accordance with the requirements of the courses included in the schedule to the Diploma. In exceptional circumstances and only with the approval of Academic Board or their delegate, the supervised practical work may be completed half-time over two academic years.

Student Progression

6. In cases of sufficient merit, the Postgraduate Diploma in Educational and Developmental Psychology may be awarded with distinction or merit.

Completion Requirements

7. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

8. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress

9. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions

10. All candidates commencing study towards the PGDipEdDevPsych on or after 1 January 2017 must satisfy the requirements specified in these regulations.

11. Candidates who commenced study towards the PGDipEdPsych prior to 1 January 2017 may choose to transfer to these regulations or continue under previous regulations, but in either case must satisfy all requirements as specified by the end of 2019.

12. In all cases candidates must complete the qualification within the timeframes for completion as specified in the qualification regulations or General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Schedule for the Postgraduate Diploma in Educational and Developmental Psychology

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>256.841</td>
<td>Case Study Analyses</td>
<td>30</td>
</tr>
<tr>
<td>256.843</td>
<td>Professional Practice Examination Process</td>
<td>30</td>
</tr>
<tr>
<td>256.844</td>
<td>Advanced Professional Practice in Educational Psychology</td>
<td>30</td>
</tr>
<tr>
<td>256.845</td>
<td>Discipline Knowledge, Scholarship and Research</td>
<td>30</td>
</tr>
</tbody>
</table>

The Postgraduate Diploma in Emergency Management

PGDipEmergMgt

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Postgraduate Diploma in Emergency Management requires that the candidate will:

(a) meet the University admission requirements as specified; and have been awarded:

(b) or qualified for an undergraduate degree and have completed at least two years of relevant industry or professional experience, or equivalent; or

(c) or qualified for the Graduate Certificate in Emergency Management having achieved at least a B grade average, or equivalent; or

(d) the Graduate Diploma in Emergency Management having achieved at least a B grade average, or equivalent.

Qualification Requirements

2. Candidates for the Postgraduate Diploma in Emergency Management shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits from the schedule to the qualification, including:

(a) any compulsory courses listed in the Schedule for the Qualification; and

(b) attending field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations

3. The Postgraduate Diploma in Emergency Management is awarded without endorsement.
Student Progression
4. In cases of sufficient merit, the Postgraduate Diploma in Emergency Management may be awarded with distinction or merit.

Completion Requirements
5. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Emergency Management should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
7. The general Unsatisfactory Academic Progress regulations will apply.

No new enrolments from 2018
Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Postgraduate Diploma in Engineering requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) shall have been awarded or qualified for the Bachelor of Engineering with Honours or an equivalent qualification.
2. Notwithstanding Regulation 1, and at the discretion of Academic Board, candidates who have successfully completed 450 credits in the Bachelor of Engineering with Honours may be admitted into the Postgraduate Diploma in Engineering provided:
   (a) the candidate’s previous work within the Bachelor of Engineering with Honours is of a satisfactory standard; and
   (b) the candidate enrols for the remaining course(s) for the Bachelor of Engineering with Honours in the first year of enrolment in the Postgraduate Diploma in Engineering.
   (c) Should the candidate not pass the remaining course(s) for the Bachelor of Engineering with Honours in the first year of enrolment in the Postgraduate Diploma in Engineering, the Postgraduate Diploma will not be awarded and/or continuation of enrolment in the Postgraduate Diploma shall be suspended until the requirements of the Bachelor of Engineering with Honours have been met.

Qualification Requirements
3. Candidates for the Postgraduate Diploma in Engineering shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) at least 120 credits at 700 level or above from the Schedules A and B for the Qualification.
   And including:
   (b) attending field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
4. The Postgraduate Diploma in Engineering may be completed with or without an endorsement.
5. Candidates may complete an endorsement by completing at least 45 credits in an endorsement from Schedule A for the Qualification.

Schedule for the Postgraduate Diploma in Engineering
Compulsory courses (60 credits):
- 130.705 Emergency Management 30

30 credits from:
- 130.701 Natural Hazards 30
- 130.702 Coping with Disasters 30

Subject courses (60 credits):
- 130.706 Emergency Management in Practice 30
- 131.701 Development and Underdevelopment 30
- 131.702 Development Management 30
- 132.751 Natural Hazards and Resilient Communities 30
- 230.703 Techniques and Methods in Evaluation Research 30

The Postgraduate Diploma in Engineering
PGDipE

No new enrolments from 2018

Student Progression
7. In cases of sufficient merit, the Postgraduate Diploma in Engineering may be awarded with distinction or merit, provided that the diploma has been completed within one year of first enrolling for full-time study, or within three years of first enrolling for part-time study.

Completion Requirements
8. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Science and Technology should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
10. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Postgraduate Diploma in Engineering
Schedule A: Endorsements
Electronics and Computer Engineering
- 281.755 Digital Signal Processing 15
- 281.756 Image and Video Processing 15
- 281.776 Advanced Communication Engineering 15
- 281.795 Advanced Computer Engineering 15
- 281.796 Advanced Micro- and Nano-Electronics 15

Energy Management
- 228.740 Energy Policy 15
- 228.741 Energy Systems 15
- 228.742 Energy Economics 15
- 228.743 Energy Management 15
- 228.748 Client Change Science and Policy 15
The Postgraduate Diploma in Environmental Management
PGDipEnvMgmt

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Postgraduate Diploma in Environmental Management requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) shall have been awarded or qualified for the Bachelor of Environmental Management or an equivalent qualification.

Qualification Requirements

2. Candidates for the Postgraduate Diploma in Environmental Management shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits at 700 level, comprising:
   (a) courses selected from the Schedule to the Qualification; and including:
   (b) any compulsory courses listed in the Schedule for the Qualification;
   (c) at least 30 credits from each of two Options listed in the Schedule to the Qualification;
   (d) attending field trips, studios, workshops, tutorials, and laboratories as required.

3. Notwithstanding Regulation 2, and at the discretion of Academic Board, Candidates may be required to complete one or more bridging courses.

4. The Postgraduate Diploma in Environmental Management is awarded without Specialisation.

Completion Requirements

5. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Science and Technology should they meet the relevant Qualification requirements.

 Unsatisfactory Academic Progress

7. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Postgraduate Diploma in Environmental Management

Compulsory courses (30 credits):

- PGDipEnvMgmt

- Sustainable Energy Systems and Society

- Energy Efficiency (Systems Analysis and Auditing)

- Energy Efficiency (Industrial and Commercial Technology)

- Integrated Energy Resource Planning

- Greenhouse Gas Mitigation Analysis

- Energy-Efficient Building Design

Engineering and Innovation Management

No new enrolments from 2018 pending qualification review.

New Product Development Practices

Innovation Management

Quality Systems Development and Management

Business Process Improvement

Lean Operations

Advanced Manufacturing Strategies

Mechatronics

Simulation, Modelling and Optimisation

Robotics and Automation

Industrial Systems Design and Integration

Mechatronics

Packaging Technology

Packaging Technology II

Renewable Energy Systems

Energy Policy

Energy Systems

Energy Economics

Energy Management

Case Studies of Renewable Energy Systems

Renewable Energy Conversion Devices

Renewable Energy Resources

Renewable Energy Systems Design

Climate Change Science and Policy

Renewable Energy and Sustainable Development

Sustainable Energy Resources and Society

Greenhouse Gas Mitigation Analysis

Schedule B: Elective Courses

Research Practice

Food Packaging, Preservation and Storage

Research Methods in Engineering

Industrial Refrigeration

PGDipEnvMgmt

188.707 and/or 188.708, should their undergraduate qualification be deficient in environmental economics or applied science.

Specialisations

4. The Postgraduate Diploma in Environmental Management is awarded without Specialisation.

PGDipEnvMgmt

188.707 and/or 188.708, should their undergraduate qualification be deficient in environmental economics or applied science.

Specialisations

4. The Postgraduate Diploma in Environmental Management is awarded without Specialisation.
### Elective courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>119.791</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>119.792</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>188.707</td>
<td>Introduction to Advanced Environmental Management I</td>
<td>15</td>
</tr>
<tr>
<td>188.708</td>
<td>Introduction to Advanced Environmental Management II</td>
<td>15</td>
</tr>
</tbody>
</table>

### Option A: Water

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>145.731</td>
<td>Applied Fluvial Geomorphology</td>
<td>15</td>
</tr>
<tr>
<td>189.755</td>
<td>Soil and Water Pollution</td>
<td>30</td>
</tr>
<tr>
<td>189.758</td>
<td>Advanced Soil Water Management</td>
<td>15</td>
</tr>
<tr>
<td>196.712</td>
<td>Aquatic Ecology</td>
<td>30</td>
</tr>
<tr>
<td>196.713</td>
<td>Ecology</td>
<td>30</td>
</tr>
<tr>
<td>196.726</td>
<td>Plant Ecology</td>
<td>30</td>
</tr>
<tr>
<td>233.701</td>
<td>Advanced Pedology</td>
<td>30</td>
</tr>
<tr>
<td>233.710</td>
<td>Geology, Hazard and Society; Environmental Geology A</td>
<td>15</td>
</tr>
<tr>
<td>233.711</td>
<td>Applied Environmental Geology; Environmental Geology B</td>
<td>15</td>
</tr>
</tbody>
</table>

### Option B: Land

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>189.753</td>
<td>Soil and Land Evaluation</td>
<td>30</td>
</tr>
<tr>
<td>189.757</td>
<td>Advanced Soil Conservation</td>
<td>15</td>
</tr>
<tr>
<td>196.713</td>
<td>Ecology</td>
<td>30</td>
</tr>
<tr>
<td>196.726</td>
<td>Plant Ecology</td>
<td>30</td>
</tr>
<tr>
<td>233.701</td>
<td>Advanced Pedology</td>
<td>30</td>
</tr>
<tr>
<td>233.710</td>
<td>Geology, Hazard and Society; Environmental Geology A</td>
<td>15</td>
</tr>
<tr>
<td>233.711</td>
<td>Applied Environmental Geology; Environmental Geology B</td>
<td>15</td>
</tr>
</tbody>
</table>

### Option C: Techniques and Tools

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>132.738</td>
<td>GIS Principles and Applications</td>
<td>30</td>
</tr>
<tr>
<td>132.740</td>
<td>Geographic Information Systems Programming and Practice</td>
<td>30</td>
</tr>
<tr>
<td>152.752</td>
<td>Project Management</td>
<td>30</td>
</tr>
<tr>
<td>198.761</td>
<td>Applied Remote Sensing</td>
<td>30</td>
</tr>
<tr>
<td>228.769</td>
<td>Energy-Efficient Building Design</td>
<td>15</td>
</tr>
<tr>
<td>233.706</td>
<td>Environmental Geographical Information Systems</td>
<td>30</td>
</tr>
<tr>
<td>233.707</td>
<td>Environmental Remote Sensing</td>
<td>30</td>
</tr>
</tbody>
</table>

### The Postgraduate Diploma in Fine Arts

**PGDipFA**

### Qualification Regulations

#### Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

#### Part II

**Admission**

1. Admission to the Postgraduate Diploma in Fine Arts requires that the candidate will have:
   a) met the University admission requirements as specified;
   b) have been awarded or qualified for a relevant bachelor’s degree with a grade average of at least a B, or equivalent;
   c) been selected into the Diploma following a selection process which will include the assessment of a portfolio of work submitted by the candidate and, at the discretion of Academic Board or their delegate, an interview.

**Qualification Requirements**

2. Candidates for the Postgraduate Diploma in Fine Arts shall follow a flexible course of study, which shall consist of courses totalling at least 120 credits, comprising:
   a) courses selected from the Schedule to the Diploma; and including
   b) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

### Specialisations

3. The Postgraduate Diploma in Fine Arts is awarded without endorsement.

### Student Progression

4. In cases of sufficient merit, the Postgraduate Diploma in Fine Arts may be awarded with distinction or merit.

### Completion Requirements

5. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board or their delegate, be awarded the Postgraduate Certificate in Creative Arts should they meet the relevant Qualification requirements.

### Unsatisfactory Academic Progress

7. The general Unsatisfactory Academic Progress regulations will apply.

### Schedule for the Postgraduate Diploma in Fine Arts

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>197.465</td>
<td>Creative Futures</td>
<td>15</td>
</tr>
<tr>
<td>213.411</td>
<td>Fine Arts Special Topic V</td>
<td>15</td>
</tr>
<tr>
<td>213.441</td>
<td>Art Studio IV A Research</td>
<td>30</td>
</tr>
<tr>
<td>213.442</td>
<td>Art Studio IV B</td>
<td>45</td>
</tr>
<tr>
<td>238.700</td>
<td>Life Cycle Assessment (LCA) and Footprinting Principles</td>
<td>15</td>
</tr>
<tr>
<td>238.710</td>
<td>Life Cycle Assessment and Footprinting Methods</td>
<td>15</td>
</tr>
<tr>
<td>238.711</td>
<td>Life Cycle Assessment and Footprinting Case Studies</td>
<td>15</td>
</tr>
<tr>
<td>238.712</td>
<td>Advanced Life Cycle Assessment and Footprinting Theory</td>
<td>15</td>
</tr>
<tr>
<td>238.751</td>
<td>Agricultural Greenhouse Gas Emission Science</td>
<td>15</td>
</tr>
<tr>
<td>247.790</td>
<td>Special Topic Applied Statistics</td>
<td>15</td>
</tr>
<tr>
<td>247.791</td>
<td>Special Topic in Data Analysis</td>
<td>15</td>
</tr>
</tbody>
</table>
### The Postgraduate Diploma in Health Science  
**PGDipHlthSc**

#### Qualification Regulations

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

**Admission**

1. Admission to the Postgraduate Diploma in Health Science requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for the Bachelor of Health Science with a minimum B- average over the 300-level majoring courses, or an equivalent qualification.

**Qualification Requirements**

2. Candidates for the Postgraduate Diploma in Health Science shall follow a flexible course of study, which shall consist of courses totalling at least 120 credits at 700-level, comprising:
   (a) courses selected from the Schedule for the Qualification; and including:
   (b) any compulsory courses listed in the Schedule for the Qualification;
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials and laboratories as required.

**Specialisations**

3. The Postgraduate Diploma in Health Science may be awarded with or without an endorsement.

4. Candidates may complete an endorsement by passing at least 120 credits in an endorsement. The requirements for each endorsement are set out in the Schedule for the Qualification.

5. Endorsements available are: Environmental Health, Māori Health, Psychology, Rehabilitation and Sport and Exercise.

**Student Progression**

6. In cases of sufficient merit, the Postgraduate Diploma may be awarded with distinction or merit.

**Completion Requirements**

7. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

8. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed.

### Unsatisfactory Academic Progress

9. The general Unsatisfactory Academic Progress regulations will apply.

#### Schedule for the Postgraduate Diploma in Health Science

**Environmental Health**

Compulsory courses (60 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>168.711</td>
<td>Health Research Design and Method</td>
<td>30</td>
</tr>
<tr>
<td>214.798</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>

Subject courses:

214.772  Advanced Topics in Food Quality  30

---

**Māori Health**

Compulsory course (30 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.799</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>

30 credits from:

150.714  Ta Te Māori Rangahau Kōrero: Māori Research Methodologies  30

168.711  Health Research Design and Method  30  R 168.810 and 168.710

Subject courses:

150.701  Tino Rangatiratanga: Strategic Māori Development  30

150.702  Mauri Ora: Māori Mental Health  30

231.704  Māori Health  30

**Psychology**

Compulsory courses (45 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.738</td>
<td>Psychological Research: Principles of Design</td>
<td>15</td>
</tr>
<tr>
<td>175.799</td>
<td>Research Report</td>
<td>30</td>
</tr>
</tbody>
</table>

Subject courses:

175.718  Postmodernism and Psychology  15

175.719  Applied Criminal Psychology  15

175.720  Advanced Psychology of Women  15

175.721  Child and Family Therapy  15

175.722  Principles of Clinical Neuropsychology  15

175.725  Advanced Social Psychology  30

175.730  Professional Practice in Psychology  15

175.732  Psychological Well-being in Organisations  15

175.733  Sustainable Livelihood  15

175.734  Child Clinical Neuropsychology  15

175.737  Occupational Psychology  15
<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.739</td>
<td>Health Psychology: Understanding Health and Illness</td>
<td>15</td>
</tr>
<tr>
<td>175.740</td>
<td>Occupational Health Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.741</td>
<td>Psychological Assessment in Organisations</td>
<td>15</td>
</tr>
<tr>
<td>175.743</td>
<td>Health Psychology: The Social Context</td>
<td>15</td>
</tr>
<tr>
<td>175.744</td>
<td>Health Psychology: Promoting Health</td>
<td>15</td>
</tr>
<tr>
<td>175.746</td>
<td>Psychological Research: Multivariate Data Analysis</td>
<td>15</td>
</tr>
<tr>
<td>175.747</td>
<td>The Psychology of Sport and Exercise</td>
<td>15</td>
</tr>
<tr>
<td>175.748</td>
<td>The Psychology of Organisational Change</td>
<td>15</td>
</tr>
<tr>
<td>175.781</td>
<td>Theory and Practice of Cognitive Behaviour Therapy</td>
<td>15</td>
</tr>
<tr>
<td>175.782</td>
<td>Clinical Psychopathology</td>
<td>15</td>
</tr>
<tr>
<td>175.783</td>
<td>Clinical Psychology Assessment</td>
<td>15</td>
</tr>
<tr>
<td>147.701</td>
<td>Rehabilitation Theory and Practice</td>
<td>30</td>
</tr>
<tr>
<td>168.711</td>
<td>Health Research Design and Method</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>R 168.810 and 168.710</td>
<td></td>
</tr>
<tr>
<td>147.799</td>
<td>Research Report (30)</td>
<td>30</td>
</tr>
<tr>
<td>147.702</td>
<td>Rehabilitation Counselling</td>
<td>30</td>
</tr>
<tr>
<td>147.703</td>
<td>Vocational and Rehabilitation Counselling</td>
<td>30</td>
</tr>
<tr>
<td>147.704</td>
<td>Drugs and Society</td>
<td>30</td>
</tr>
<tr>
<td>147.705</td>
<td>Education and Rehabilitation of the Visually Impaired</td>
<td>30</td>
</tr>
<tr>
<td>231.704</td>
<td>Māori Health</td>
<td>30</td>
</tr>
</tbody>
</table>

### Sport and Exercise

Compulsory course (30 credits):
- 234.799 Research Report (30) 30

### Subject courses:
- 151.709 Biometrics for the Animal and Nutritional Sciences 15
- 175.744 Health Psychology: Promoting Health 15
- 175.746 Psychological Research: Multivariate Data Analysis 15
- 175.747 The Psychology of Sport and Exercise 15
- 234.716 Advanced Physical Conditioning 30 R 234.705 and 152.719
- 234.717 Advanced Exercise Prescription for Musculoskeletal Conditions 15
- 234.718 Advanced Exercise Prescription for Cardiopulmonary Conditions 30
- 234.719 Advanced Topics in Clinical Exercise, Health and Disease 30
- 234.720 Skeletal Muscle Metabolism 15 R 234.702
- 234.721 Muscle Mechanics 15 R 234.751 and 234.701
- 234.722 Advanced Biomechanics 15 R 234.753, 234.704
- 234.723 Advanced Topics in Exercise Science 15

---

### The Postgraduate Diploma in Health Service Management

**PGDipHSM**

**Qualification Regulations**

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

**Admission**

1. Admission to the Postgraduate Diploma in Health Service Management requires that the candidate will:
   - (a) meet the University admission requirements as specified; and
   - (b) have been awarded or qualified for a Bachelor’s degree or equivalent; and
   - (c) be working in the health and/or disability sectors.

**Qualification Requirements**

2. Candidates for the Postgraduate Diploma in Health Service Management shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits at 700 level, including:
   - (a) at least 90 credits from the Schedule to the Diploma;
   - (b) the core courses as listed in Schedule A for the Qualification;
   - (c) with the approval of the Academic Board or their delegate, up to 30 credits at 700 level from courses outside of the Schedule to the Diploma; and
   - (d) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

**Specialisations**

3. The Postgraduate Diploma in Health Service Management is awarded without specialisation.

**Student Progression**

4. In cases of sufficient merit, the Postgraduate Diploma in Health Service Management may be awarded with distinction or merit.

**Completion Requirements**

5. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

6. Candidates may be graduated when they meet the Admission, Qualification and Academic Requirements within the prescribed timeframes. Candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Business should they meet the relevant Qualification requirements.

**Unsatisfactory Academic Progress**

7. The general Unsatisfactory Academic Progress regulations will apply.

### Schedule for the Postgraduate Diploma in Health Service Management

#### Schedule A: Core Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>152.742</td>
<td>Health Systems Management</td>
<td>30</td>
</tr>
<tr>
<td>157.701</td>
<td>Health Information Management</td>
<td>30</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>R 157.711, 157.733 and 158.759</td>
<td></td>
</tr>
</tbody>
</table>

#### Schedule B: Elective Courses

60 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>152.707</td>
<td>Leading and Changing Organisations</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>R 152.705, 152.705</td>
<td></td>
</tr>
<tr>
<td>152.743</td>
<td>Health Policy</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>R 258.743</td>
<td></td>
</tr>
</tbody>
</table>
The Postgraduate Diploma in Industrial/Organisational Psychology
PGDipl/OPsych

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Postgraduate Diploma in Industrial/Organisational Psychology requires that the candidate will:
   (a) have met the University admission requirements as specified; and
   (b) have been awarded or qualified for a Master’s or Doctoral degree specialising in Industrial/Organisational Psychology, which includes a relevant thesis and which is approved by the Academic Board or their delegate as providing sufficient Industrial/Organisational Psychology background for entry into the Diploma; and
   (c) have been selected into the Diploma following a selection process which will include a written application, consideration of referee reports and interview; and
   (d) have provided evidence to the satisfaction of the Academic Board or their delegate that they are in paid or unpaid employment in a workplace in which Industrial/Organisational Psychology practice is a significant component, and where the organisation supports the candidate’s enrolment in the Diploma.
   (e) have met the requirements set down by the Health Practitioners Competence Assurance Act in terms of good character and reputation, and is a fit and proper person to be registered;
   (f) be registered by the New Zealand Psychologists Board as an Intern Psychologist.

Qualification Requirements

2. Candidates for the Postgraduate Diploma in Industrial/Organisational Psychology shall follow a flexible course of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) courses specified in the Schedule to the Diploma; and including
   (b) attending contact workshops, block courses, tutorials, and laboratories as required.

Specialisations

3. The Postgraduate Diploma in Industrial/Organisational Psychology is awarded without endorsement.

Academic Requirements

4. Every candidate for the Postgraduate Diploma in Industrial/Organisational Psychology shall perform to the satisfaction of the Academic Board or their delegate, academic and practical work in accordance with the requirements of the following courses: 175.821 Professional Issues in the Practice of Industrial/Organisational Psychology and 175.822 Practicum in Industrial/Organisational Psychology.

Student Progression

5. A candidate’s course of study may not exceed three years from the date of first enrolment in a course to be credited to the Postgraduate Diploma in Industrial/Organisational Psychology.

6. Notwithstanding Regulation 5, Academic Board or their delegate may approve a period of suspension or extension where they are satisfied that a change in employment circumstances is likely to adversely affect the candidate’s programme of study. Suspensions or extensions granted will appear on the academic transcript.

7. The Postgraduate Diploma in Industrial/Organisational Psychology is not awarded with distinction or merit.

Completion Requirements

8. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress

9. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Postgraduate Diploma in Industrial/Organisational Psychology

Compulsory courses (120 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.821</td>
<td>Professional Issues in the Practice of Industrial/Organisational Psychology</td>
<td>60</td>
</tr>
<tr>
<td>175.822</td>
<td>Practicum in Industrial/Organisational Psychology</td>
<td>60</td>
</tr>
</tbody>
</table>

The Postgraduate Diploma in Information Sciences
PGDiplInfSc

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Postgraduate Diploma in Information Sciences requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) shall have been awarded or qualified for the Bachelor of Information Sciences, or an equivalent qualification, having achieved a B grade average over the 300-level majoring courses.

Qualification Requirements

2. Candidates for the Postgraduate Diploma in Information Sciences shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) 120 credits at 700 level selected from the Schedule for the Qualification; and including:
   (b) attending workshops, block courses, tutorials, and laboratories as required.

Specialisations

3. The Postgraduate Diploma in Information Sciences may be awarded with or without an endorsement.

4. Candidates may complete an endorsement by successfully completing at least 75 credits in an endorsement.

5. Approved subject endorsements are Computer Science and Information Technology.

6. Approved Joint Subject endorsement is Software Engineering.
Student Progression
7. In cases of sufficient merit, the Postgraduate Diploma in Information Sciences may be awarded with distinction or merit.

Completion Requirements
8. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Science and Technology should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
10. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Postgraduate Diploma in Information Sciences

Computer Science

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>159.702</td>
<td>Knowledge Engineering</td>
<td>15</td>
</tr>
<tr>
<td>159.703</td>
<td>Advanced Computer Systems</td>
<td>15</td>
</tr>
<tr>
<td>159.704</td>
<td>Systems Programming</td>
<td>15</td>
</tr>
<tr>
<td>159.707</td>
<td>Advanced Software Design and Construction</td>
<td>15</td>
</tr>
<tr>
<td>159.709</td>
<td>Computer Graphics</td>
<td>15</td>
</tr>
<tr>
<td>159.710</td>
<td>User Interface Design</td>
<td>15</td>
</tr>
<tr>
<td>159.731</td>
<td>Studies in Computer Vision</td>
<td>15</td>
</tr>
<tr>
<td>159.732</td>
<td>Studies in Computer Programming</td>
<td>15</td>
</tr>
<tr>
<td>159.735</td>
<td>Studies in Parallel and Distributed Systems</td>
<td>15</td>
</tr>
<tr>
<td>159.736</td>
<td>Studies in Operating Systems and Architecture</td>
<td>15</td>
</tr>
<tr>
<td>159.737</td>
<td>Studies in Compilers and Grammars</td>
<td>15</td>
</tr>
<tr>
<td>159.740</td>
<td>Studies in Intelligent Systems</td>
<td>15</td>
</tr>
<tr>
<td>159.794</td>
<td>Project</td>
<td>15</td>
</tr>
<tr>
<td>159.795</td>
<td>Project</td>
<td>15</td>
</tr>
</tbody>
</table>

Information Technology

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>158.738</td>
<td>Implementation and Management of Systems Security</td>
<td>15 R 157.738</td>
</tr>
<tr>
<td>158.740</td>
<td>Geoinformatics</td>
<td>15</td>
</tr>
<tr>
<td>158.750</td>
<td>Information Sciences Research Methods</td>
<td>15 R 157.750</td>
</tr>
<tr>
<td>158.751</td>
<td>Object-Oriented Software Development – Theory and Practice</td>
<td>15</td>
</tr>
<tr>
<td>158.752</td>
<td>Agile Software Engineering</td>
<td>15</td>
</tr>
<tr>
<td>158.753</td>
<td>Rapid Application Development</td>
<td>15      R 157.753</td>
</tr>
</tbody>
</table>

The Postgraduate Diploma in International Development

PGDipIntlDev

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Postgraduate Diploma in International Development requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a Bachelor of Arts with a major in Development Studies, or equivalent; or

(c) have been awarded or qualified for any Bachelor’s degree and have industry experience of an appropriate kind and duration.

Qualification Requirements
2. Candidates for the Postgraduate Diploma in International Development shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits at 700 level, comprising:
   (a) courses selected from the Schedule to the Diploma; and including
   (b) any compulsory courses.

Specialisations
3. The Postgraduate Diploma in International Development is awarded without a specialisation.

Approved Postgraduate Diploma in Information Sciences Electives

A maximum of 30 credits from:
149.795  The Cyber Security Environment 30
152.700  Organisation and Management 30 R 152.200, 152.300
152.752  Project Management 30
156.700  Essentials of Marketing 30 R 158.741, 115.104, 115.116
157.701  Health Information Management 30 R 157.711, 157.733, 158.759
Student Progression
4. In cases of sufficient merit, the Postgraduate Diploma in International Development may be awarded with distinction or merit.

Completion Requirements
5. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes. Candidates who do not meet the requirements for graduation, may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in International Development should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
7. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Postgraduate Diploma in International Development
Compulsory courses (60 credits):
- 131.701 Development and Underdevelopment 30
- 131.702 Development Management 30

Subject courses (60 credits):
- 131.703 Gender and Development 30
- 131.704 Sustainable Development 30
- 131.706 Globalisation and Development 30
- 131.707 Development Research Design 30
- 131.708 Development Practicum 30  P 131.701 or 131.702; Permission from Head of Programme

The Postgraduate Diploma in International Security
PGDipIntlSy

Qualification Regulations
Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Postgraduate Diploma in International Security requires that the candidate will meet the University admission requirements as specified, and shall:
   (a) have been awarded or qualified for a relevant Bachelor’s degree; or
   (b) be able to demonstrate scholarly work in conjunction with extensive relevant professional experience for Admission with Equivalent Status.

Qualification Requirements
2. Candidates for the Postgraduate Diploma in International Security shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) courses listed in the Schedule to the Diploma;
   and including:
   (b) any compulsory courses listed in the Schedule to the Diploma;
   (c) attendance at contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.
3. Notwithstanding Regulation 2(b), in exceptional circumstances and with the permission of the Academic Board or their delegate, students who have passed 149.821 from the Master of International Security schedule while attending either the New Zealand Defence Force Command and Staff College or the Royal Brunei Armed Forces Command and Staff College may be cross credited with 30 credits of Schedule B courses, and 30 credits of Schedule B or Schedule C courses.

Specialisations
4. The Postgraduate Diploma in International Security is awarded with or without an endorsement.
5. Candidates may complete an endorsement by passing at least 60 credits in an endorsement. The requirements for each endorsement are set out in the Schedule to the Diploma.
6. The endorsement available for the Postgraduate Diploma in International Security is: Intelligence.

Student Progression
7. In cases of sufficient merit, the Postgraduate Diploma in International Security may be awarded with distinction or merit.

Completion Requirements
8. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes. Candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in International Security should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
10. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Postgraduate Diploma in International Security
Compulsory courses (30 credits):
- 149.720 International Security 30

Compulsory courses
At least 60 credits from:
- 149.701 The New Zealand Strategic Environment 30
- 149.704 Leadership, Management and Command 30
- 149.707 The Middle East Security Environment 30
- 149.709 Terrorism, Insurgency and Transnational Crime 30
- 149.715 The Asia-Pacific Strategic Environment 30
- 149.716 Security of China as a Great Power 30
- 149.725 International Security and Peacekeeping 30
- 149.732 Public International Law for Defence and Security 30
- 149.740 Security and Crime 30
- 149.741 Intelligence in the International Security Environment 30
- 149.744 Intelligence Operations 30
- 149.745 Crime Science 30
- 149.760 Defence and Security Technology 30
- 149.770 Border Management in the Contemporary Security Environment 30
- 149.790 Research Methods in Defence and Security Studies 30
- 149.795 The Cyber Security Environment 30

Up to 30 credits from:
- 130.702 Coping with Disasters 30
- 130.705 Emergency Management 30
- 134.703 Ethics of War and Peace 30
- 200.761 International Relations: Theory and Practice 30
- 230.702 Professional Evaluation Practice 30
- 240.757 Logistics in Humanitarian Aid Projects 15
Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Postgraduate Diploma in Journalism requires that the candidate will:
   (a) meet the University admission requirements as specified; and have:
   (b) been awarded or qualified for a Bachelor’s degree with at least a B grade average in the 300-level majoring courses, or equivalent; and
   (c) been selected into the programme on the basis of a written application and, at the discretion of Academic Board or its delegate, an interview; and
   (d) achieved an academic IELTS of at least 7.0 in all bands, or an equivalent TOEFL score, or other evidence that is acceptable to Academic Board or its delegate, if English is not the applicant’s first language.

Qualification Requirements
2. Candidates for the Postgraduate Diploma in Journalism shall follow a flexible course of study, which shall consist of courses totalling at least 120 credits at 700 level, comprising:
   (a) the courses listed in the Schedule for the Postgraduate Diploma in Journalism;
   (b) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
3. The Postgraduate Diploma in Journalism is awarded without specialisation.

Student Progression
4. In cases of sufficient merit, the Postgraduate Diploma in Journalism may be awarded with Distinction or Merit.

Completion Requirements
5. The timeframes for completion as outlined in the General Regulations Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress
7. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Postgraduate Diploma in Journalism

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>219.711</td>
<td>Shorthand</td>
<td>0</td>
</tr>
<tr>
<td>219.712</td>
<td>Print News Journalism</td>
<td>30</td>
</tr>
<tr>
<td>219.713</td>
<td>Multi-media Journalism</td>
<td>30</td>
</tr>
<tr>
<td>219.714</td>
<td>Media Law, Ethics and Workplace Practice</td>
<td>30</td>
</tr>
<tr>
<td>219.715</td>
<td>Research Methods in Journalism</td>
<td>30</td>
</tr>
</tbody>
</table>

The Postgraduate Diploma in Literacy Education

No new enrolments from 2016

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Eligibility
1. Candidates for the Postgraduate Diploma in Literacy Education (PGDipLitEd) must have:
   (a) (i) a Bachelor of Education or a Bachelor of Teaching, or an Advanced Diploma of Teaching;
   (ii) a degree and a recognised teaching qualification of at least one year’s duration; and
   (iii) been granted admission to postgraduate study as entitled to enrol for the Postgraduate Diploma in Literacy Education; and
   (b) been accepted as a candidate by the College Pro Vice-Chancellor or nominee.
2. The programme of study for the postgraduate diploma shall comprise four 700-level courses as prescribed below.
3. To qualify for the Postgraduate Diploma in Literacy Education a candidate must pass 120 credits from the following schedules:
   (a) Two compulsory courses (60 credits):
The Postgraduate Diploma in Logistics and Supply Chain Management
PGDipL&SCM

Qualification Regulations
Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Postgraduate Diploma in Logistics and Supply Chain Management requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a university Bachelor’s degree with a major in Logistics and Supply Chain Management, or an equivalent qualification, having achieved a B grade average or higher, over the qualifying 300-level courses; or shall have:
   (c) been awarded or qualified for a Graduate Diploma in Logistics and Supply Chain Management, or an equivalent qualification; having achieved a B grade average or higher, over the qualification; or shall have:
   (d) completed a minimum of five years of relevant professional experience, or equivalent.

Qualification Requirements
2. Candidates for the Postgraduate Diploma in Logistics and Supply Chain Management shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits at 700 level, comprising:
   (a) courses selected from the Schedule to the Qualification; and including:
   (b) any compulsory courses listed in the Schedule for the Qualification;
   (c) attending field trips, studios, workshops, tutorials and laboratories as required.

Specialisations
3. The Postgraduate Diploma in Logistics and Supply Chain Management is awarded without Specialisation.

Completion Requirements
4. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

The Postgraduate Diploma in Māori and Indigenous Business
PGDipMAIBus

Jointly awarded with Auckland University of Technology, the University of Auckland, the University of Otago, the University of Waikato and Victoria University of Wellington

Qualification Regulations
Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Postgraduate Diploma in Māori and Indigenous Business requires that the candidate will meet the University admission requirements as specified, and will:
   (a) have been awarded or qualified for a relevant Bachelor’s degree, or equivalent;
   and will have:
   (b) completed at least two years’ management experience deemed by Academic Board or its delegate to be relevant to the degree; and
   (c) performed at an acceptable level in any tests of academic aptitude and/or interviews prescribed by Academic Board or its delegate;
   OR will:
   (d) have completed at least five years’ management experience deemed by Academic Board or its delegate to be relevant to the degree; and
   (e) have performed at an acceptable level in any tests of academic aptitude and/or interviews prescribed by Academic Board or its delegate;
   OR will:
   (f) have completed extensive relevant practical, professional or scholarly experiences equivalent to the requirements of regulation 1(a) as approved by Academic Board or its delegate.

Qualification Requirements
2. Candidates for the Postgraduate Diploma in Māori and Indigenous Business shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits comprising:
   (a) courses from the Schedule to the qualification or equivalent courses offered by partner institutions in the delivery and award of the Diploma; and including:
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>291.701</td>
<td>Theories of Learning</td>
<td>15</td>
</tr>
<tr>
<td>291.702</td>
<td>The Māori Economy</td>
<td>15</td>
</tr>
<tr>
<td>291.703</td>
<td>Critical Analysis and Writing</td>
<td>15</td>
</tr>
<tr>
<td>291.704</td>
<td>Decision Making in Business</td>
<td>15</td>
</tr>
<tr>
<td>291.711</td>
<td>Māori in Business 1</td>
<td>15</td>
</tr>
<tr>
<td>291.712</td>
<td>Business Communication</td>
<td>15</td>
</tr>
<tr>
<td>291.713</td>
<td>Process and Project Management</td>
<td>15</td>
</tr>
<tr>
<td>291.714</td>
<td>People Management</td>
<td>15</td>
</tr>
<tr>
<td>291.721</td>
<td>Māori in Business 2</td>
<td>15</td>
</tr>
<tr>
<td>291.722</td>
<td>Marketing</td>
<td>15</td>
</tr>
<tr>
<td>291.723</td>
<td>Innovation and Entrepreneurs</td>
<td>15</td>
</tr>
<tr>
<td>291.724</td>
<td>Finance and Accounting</td>
<td>15</td>
</tr>
</tbody>
</table>

### Student Progression

5. Massey University may cancel or refuse to permit the enrolment of a candidate in Te Aho Paerewa The Postgraduate Diploma Teaching and Learning in Māori Medium Teaching be charged with, or convicted of an offence against the law after entry into the qualification, the candidate must advise the Pro Vice-Chancellor or their nominee of the charge or conviction within three days.

6. Should a candidate in Te Aho Paerewa The Postgraduate Diploma Teaching and Learning in Māori Medium Teaching be charged with, or convicted of an offence against the law after entry into the qualification, the candidate must advise the Pro Vice-Chancellor or their nominee of the charge or conviction within three days.

7. If the Pro Vice-Chancellor or their nominee is of the opinion that any candidate does not meet in general terms the requirements set down by the Education Council of Aotearoa New Zealand for registration as a teacher in New Zealand in terms of good character and fitness to be a teacher.

8. In cases of sufficient merit, Te Aho Paerewa The Postgraduate Diploma Teaching and Learning in Māori Medium may be awarded with Distinction or Merit.

### Completion Requirements

9. A candidate’s programme of study may not exceed three years from the date of first enrolment in a course to be credited with Te Aho Paerewa The Postgraduate Diploma Teaching and Learning in Māori Medium.

10. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the time-frames prescribed in Regulation 9.

### Unsatisfactory Academic Progress

11. For candidates enrolled in Te Aho Paerewa The Postgraduate Diploma Teaching and Learning in Māori Medium the following may lead to exclusion from the qualification:

(a) failure to obtain a pass in a course in two successive attempts;
(b) failure to pass courses totalling at least 60 academic credits, or failure to pass at least 50 percent of an approved part-time programme of study in any academic year; or
(c) failure to complete Te Aho Paerewa The Postgraduate Diploma Teaching and Learning in Māori Medium within three years from the date of first enrolment in a course to be credited to the qualification.
No new enrolments from 2016

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Postgraduate Diploma in Māori Resource and Environmental Management requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for the Bachelor of Environmental Management, or an equivalent qualification.

Qualification Requirements
2. Candidates for the Postgraduate Diploma in Māori Resource and Environmental Management shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) courses from the Schedule for the Qualification;
   (b) any compulsory courses listed in the Schedule for the Qualification;
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
3. The Postgraduate Diploma in Māori Resource and Environmental Management is awarded without an endorsement.

Student Progression
4. In cases of sufficient merit, the Postgraduate Diploma in Māori Resource and Environmental Management may be awarded with distinction or merit in accordance with the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Completion Requirements
5. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress
7. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Postgraduate Diploma in Māori Resource and Environmental Management

Compulsory Course (15 credits)

235.701 Māori Values and Resource Management 15 R 188.704
The Postgraduate Diploma in Māori Visual Arts  
PGDipMVA

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Postgraduate Diploma in Māori Visual Arts requires that the candidate will meet the University admission requirements as specified; and will:
   (a) have been awarded or qualified for a Bachelor of Māori Visual Arts, or equivalent; or
   (b) have been awarded or qualified for a relevant Bachelor’s degree, or equivalent, and provide evidence of professional experience of an appropriate kind and duration in an area relevant to the qualification; or
   (c) have been granted admission under the Admission with Equivalent Status regulations and demonstrate practical, professional, and scholarly experience at an appropriate level.

Qualification Requirements

3. Candidates for the Postgraduate Diploma in Māori Visual Arts shall follow a flexible course of study, which shall consist of courses totalling at least 120 credits at 700-level, comprising:
   (a) courses selected from the Schedule for the Diploma; and
   (b) attending contact workshops, block courses, field trips, studios, workshops, tutorials and laboratories as required.

Specialisations

4. The Postgraduate Diploma in Māori Visual Arts is awarded without an endorsement.

Student Progression

5. In cases of sufficient merit, the Postgraduate Diploma in Māori Visual Arts may be awarded with distinction.

Completion Requirements

6. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

7. Candidates may be graduated when they meet the Admission, Qualification and Academic Requirements within the prescribed time frames; candidates who do not meet the requirements for graduation, may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Creative Arts should they meet the relevant Qualification requirements.

 Unsatisfactory Academic Progress

8. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Postgraduate Diploma in Māori Visual Arts

120 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.720</td>
<td>Rangahau Whakairo: Pre-thesis Practicum</td>
<td>120</td>
</tr>
<tr>
<td>150.707</td>
<td>Te Tataitanga Matarau: Advanced Studio Practice</td>
<td>30</td>
</tr>
</tbody>
</table>

AND

30 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.701</td>
<td>Tiro Rangatiratanga: Strategic Māori Development</td>
<td>30</td>
</tr>
<tr>
<td>150.711</td>
<td>Te Tau-ihu o te Reo: Advanced Māori Literature</td>
<td>30</td>
</tr>
<tr>
<td>150.714</td>
<td>Tā Te Māori Rangahau Kōrero: Māori Research Methodologies</td>
<td>30</td>
</tr>
<tr>
<td>150.715</td>
<td>Taonga Tuku Iho: Heritage Aotearoa</td>
<td>30</td>
</tr>
<tr>
<td>167.742</td>
<td>Collection Management</td>
<td>30</td>
</tr>
<tr>
<td>167.743</td>
<td>Museum Management</td>
<td>30</td>
</tr>
<tr>
<td>167.744</td>
<td>Museums and the Public</td>
<td>30</td>
</tr>
</tbody>
</table>

The Postgraduate Diploma in Museum Studies  
PGDipMusStud

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Postgraduate Diploma In Museum Studies requires that the candidate will:
   (a) meet the University admission requirements as specified; and:
   (b) shall have been awarded or qualified for a relevant Bachelor’s degree having achieved a grade average of at least a B-, or equivalent.

Qualification Requirements

2. Candidates for the Postgraduate Diploma in Museum Studies shall follow a flexible programme of study, which shall consist of four courses totalling at least 120 credits comprising:
   (a) courses from the Schedule to the Diploma; and
   (b) any compulsory courses specified in the Schedule to the Diploma;
   (c) attendance at contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations

4. The Postgraduate Diploma in Museum Studies is awarded without specialisation.

Student Progression

5. In cases of sufficient merit, the Postgraduate Diploma in Museum Studies may be awarded with distinction or merit.

Completion Requirements

6. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

7. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.
Unsatisfactory Academic Progress
8. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Postgraduate Diploma in Museum Studies
Compulsory course (30 credits):

150.715 Taonga Tuku Iho: Heritage Aotearoa 30

The Postgraduate Diploma in Nursing
PGDipNurs

Qualification Regulations
Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Postgraduate Diploma in Nursing requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a Bachelor’s degree or equivalent; and
   (c) be a registered nurse with a practising certificate from the Nursing Council of New Zealand or equivalent.

Qualification Requirements
2. Candidates for the Postgraduate Diploma in Nursing shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) courses listed in the Schedule for the Qualification; and
   (b) any compulsory courses listed in the Schedule for the Qualification; and
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.
3. A candidate who has been awarded the Massey University Postgraduate Certificate in Nursing or its equivalent from another tertiary institution may apply to cross-credit up to 60 credits to the Postgraduate Diploma.

Specialisations
4. The Postgraduate Diploma in Nursing is awarded with or without an endorsement.
5. Candidates may complete an endorsement by passing at least 90 credits in an endorsement, as specified in Schedule B for the qualification.
6. The endorsement available is Neonatal.

Student Progression
7. In cases of sufficient merit, the Postgraduate Diploma in Nursing may be awarded with distinction or merit.

Completion Requirements
8. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Nursing should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
10. The general Unsatisfactory Academic Progress regulations will apply.

Schedules for the Postgraduate Diploma in Nursing
Schedule A: Core courses for the Postgraduate Diploma in Nursing with no Endorsement
Compulsory courses (at least 30 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>168.711</td>
<td>Health Research Design and Method</td>
<td>30</td>
</tr>
<tr>
<td>168.713</td>
<td>Evidence-Based Practice</td>
<td>30</td>
</tr>
<tr>
<td>168.733</td>
<td>Physiology and Pathophysiology</td>
<td>30</td>
</tr>
</tbody>
</table>

Schedule B: Core courses for the Postgraduate Diploma in Nursing Subjects

Neonatal Nursing
Compulsory courses (90 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>168.725</td>
<td>Neonatal Science and Clinical Care of the Neonate I</td>
<td>30</td>
</tr>
<tr>
<td>168.726</td>
<td>Neonatal Science and Clinical Care of the Neonate II</td>
<td>30</td>
</tr>
</tbody>
</table>

Schedule C: Elective courses for the Postgraduate Diploma in Nursing

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>168.703</td>
<td>Managing Long-Term Conditions</td>
<td>30</td>
</tr>
<tr>
<td>168.709</td>
<td>Contemporary Clinical Teaching</td>
<td>30</td>
</tr>
<tr>
<td>168.712</td>
<td>Pain Management</td>
<td>30</td>
</tr>
<tr>
<td>168.714</td>
<td>Advanced Assessment and Therapeutic Intervention in Mental Health</td>
<td>30</td>
</tr>
<tr>
<td>168.717</td>
<td>Applied Ethics for Professional Practice</td>
<td>30</td>
</tr>
<tr>
<td>168.719</td>
<td>Clinical Specialty: Older Persons’ Health</td>
<td>30</td>
</tr>
<tr>
<td>168.720</td>
<td>Clinical Specialty: Mental Health</td>
<td>30</td>
</tr>
<tr>
<td>168.721</td>
<td>Māori-Centred Practice</td>
<td>30</td>
</tr>
<tr>
<td>168.722</td>
<td>Wound Management</td>
<td>30</td>
</tr>
<tr>
<td>168.723</td>
<td>Primary Health Care Nursing</td>
<td>30</td>
</tr>
<tr>
<td>168.731</td>
<td>Leadership in Nursing</td>
<td>30</td>
</tr>
<tr>
<td>168.750</td>
<td>Registered Nurse Prescribing Practicum</td>
<td>30</td>
</tr>
<tr>
<td>128.706</td>
<td>Micro/Macro Ergonomics</td>
<td>30</td>
</tr>
<tr>
<td>152.742</td>
<td>Health Systems Management</td>
<td>30</td>
</tr>
<tr>
<td>152.746</td>
<td>Contemporary Issues in Health Service Management</td>
<td>30</td>
</tr>
<tr>
<td>252.701</td>
<td>Sleep and Circadian Science for Health Practitioners</td>
<td>30</td>
</tr>
<tr>
<td>168.734</td>
<td>Clinical Pharmacology</td>
<td>30</td>
</tr>
<tr>
<td>168.728</td>
<td>Assessment and Clinical Decision-Making</td>
<td>30</td>
</tr>
</tbody>
</table>
The Postgraduate Diploma in Planning
PGDipPlan

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Postgraduate Diploma in Planning requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a Bachelor’s degree, or equivalent.

2. In all cases, if English is not the applicant’s first language and the admission qualification was not completed at a University where English is the medium of instruction, the applicant shall have achieved an IELTS of at least 7 with no band less than 6 within the preceding five years.

Qualification Requirements

3. Candidates for the Postgraduate Diploma in Planning shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) courses selected from the Schedule to the Diploma; and including:
   (b) at least 30 credits from Schedule A to the Diploma;
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations

4. The Postgraduate Diploma in Planning is awarded without specialisation.

Student Progression

5. In cases of sufficient merit, the Postgraduate Diploma in Planning may be awarded with distinction or merit.

Completion Requirements

6. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

7. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Planning should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

8. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Postgraduate Diploma in Planning

Schedule A Compulsory course selection

At least 30 credits from:

- 132.731 Planning Law
- 132.732 Planning Theory
- 132.736 Professional Practice

Schedule B Elective Courses

- 132.730 Policy Analysis and Evaluation Techniques
- 132.742 Urban Planning and Development
- 132.735 Natural Resource Policy and Planning
- 132.738 GIS Principles and Applications
- 132.739 Assessing Environmental Impacts: Principles and Practice
- 132.741 Long-Term Community Planning
- 132.742 Town Planning to Resource Management
- 132.751 Natural Hazards and Resilient Communities

The Postgraduate Diploma in Psychological Practice
PGDipPsychPrac

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Postgraduate Diploma in Psychological Practice requires that the candidate will:
   (a) have met the University admission requirements as specified; and
   (b) have been awarded or qualified for a Master’s or Doctoral degree specialising in psychology which is approved as meeting Psychologists Board requirements; and
   (c) have been selected into the Diploma following a selection process which will include a written application, consideration of references and interview; and
   (d) have provided evidence to the satisfaction of the Academic Board or their delegate that they are currently, or will be, in employment (paid or unpaid) in a work place where their activities require them to engage in psychologically-based practice, and where the organisation has agreed that 1500 hours during one year be designated as internship hours;
   (e) have provided evidence to the satisfaction of the Academic Board or their delegate of appropriate supervision arrangements in respect to their psychology practice;
   (f) have met the requirements set down by the Health Practitioners Competence Assurance Act in terms of good character and reputation, and is a fit and proper person to be registered;
   (g) be registered by the New Zealand Psychologists Board as an Intern Psychologist.

Qualification Requirements

2. Candidates for the Postgraduate Diploma in Psychological Practice shall follow a flexible course of study, which shall consist of 800-level courses totalling at least 120 credits, comprising:
   (a) courses specified in the Schedule to the Diploma; and including:
   (b) attending contact workshops, block courses, workshops, tutorials, and laboratories as required.

Specialisations

3. The Postgraduate Diploma in Psychological Practice is awarded without endorsement.

Academic Requirements

4. Every candidate for the Postgraduate Diploma in Psychological Practice shall perform to the satisfaction of the Academic Board or their delegate at least one year of full-time professional psychology practice, or equivalent, in accordance with the requirements of the following courses:
The Postgraduate Diploma in Public Health
PGDipPH

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Postgraduate Diploma in Public Health requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a relevant Bachelor’s degree or equivalent.

Qualification Requirements

2. Candidates for the Postgraduate Diploma in Public Health shall follow a flexible programme of study, which shall consist of 700-level courses totalling at least 120 credits, comprising:
   (a) courses as listed in the Schedule for the Qualification;
   and including:
   (b) any compulsory courses listed in the Schedule for the Qualification; and
   (c) attendance at contact workshops, block courses, field trips, studios, workshops, tutorials, laboratories and practical work as required.

Specialisations

3. The Postgraduate Diploma in Public Health is awarded without an endorsement.

Student Progression

4. In cases of sufficient merit, the Postgraduate Diploma in Public Health may be awarded with distinction or merit.

Completion Requirements

5. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress

6. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions

7. All candidates commencing study towards the Postgraduate Diploma in Public Health on or after 1 January 2017 must satisfy the requirements specified in these regulations.

8. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the Postgraduate Diploma, all candidates who commenced study towards the Postgraduate Diploma in Public Health prior to January 2017 and who have completed at least 60 credits may be permitted course substitution beyond the normal limits.

9. These transition arrangements expire on 31 December 2020.

10. In all cases candidates must complete the qualification within the timeframes for completion as specified in the Completion Requirements.

Schedule for the Postgraduate Diploma in Psychological Practice

Compulsory courses (120 credits):

175.851 Advanced Professional Issues in Psychological Practice Part I 30 C 175.853
175.852 Advanced Professional Issues in Psychological Practice Part II 30 C 175.854
175.853 Practicum in Psychological Practice Part I 30 C 175.851
175.854 Practicum in Psychological Practice Part II 30 C 175.852

Schedule for the Postgraduate Diploma in Public Health (120 credits)

Compulsory courses (90 credits):

231.725 Foundations of Public Health 15 R 231.701
231.726 Health Systems and Policy 15 R 231.701
231.728 Public Health Intervention Management 15
231.729 Public Health Research and Evaluation 15
231.730 Epidemiology and Biostatistics 1 15 R 231.703
231.731 Epidemiology and Biostatistics 2 15 P 231.730; R 231.703

At least 30 credits from:

231.704 Māori Health 30
231.705 Pacific Health 30
150.701 Tiro Rangatiratanga: Strategic Māori Development 30
150.702 Mauri Ora: Māori Mental Health 30
150.714 Ta Te Māori Rangahau Kōrero: Māori Research Methodologies 30
151.716 Advanced Nutrition and Disease 15 P 151.333, 151.345
151.717 Selected Topics in Public Health Nutrition 15
231.733 Big Public Health Issues 15
231.734 Maternal and Child Health 15
231.732 Physical Activity Promotion 15
178.718 Health Economics 30
147.704 Drugs and Society 30
231.706 Occupational Health 30 P 231.701
231.707 Environmental Health 30 P 231.701
231.721 International Public Health 15
250.702 Systems Thinking and Analysis 15
250.703 Health Communication 15
231.799 Research Report (30) 30 P 231.701 and one of 231.703, 231.704, 231.705, 231.706, 231.707, 231.708, 178.718
251.731 Advanced Occupational Safety and Health 30
251.772 Advanced Occupational Hygiene 30
251.773 Hazard Management 30
252.701 Sleep and Circadian Science for Health Practitioners 30 R 252.702
The Postgraduate Diploma in Quality Systems
PG DipQS

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Postgraduate Diploma in Quality Systems requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a Bachelor’s degree, or equivalent.

Qualification Requirements
2. Candidates for the Postgraduate Diploma in Quality Systems shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) at least 90 credits selected from the Schedule for the Qualification; and including
   (b) any compulsory courses from the Schedule for the Qualification;
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials and laboratories as required.

Specialisations
3. The Postgraduate Diploma in Quality Systems is awarded without an endorsement.

Student Progression
4. In cases of sufficient merit, the Postgraduate Diploma in Quality Systems may be awarded with distinction or merit.

Completion Requirements
5. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

6. Candidates may be graduated when they meet the Admission, Qualification and Academic Requirements within the prescribed time frames.

The Postgraduate Diploma in Rehabilitation
PG DipRehab

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Postgraduate Diploma in Rehabilitation requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a Bachelor degree or an equivalent qualification.

Qualification Requirements
2. Candidates for the Postgraduate Diploma in Rehabilitation shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits at 700-level, comprising:
   (a) courses selected from the Schedule to the Qualification;
   (b) the compulsory courses listed on the Schedule to the Qualification; and
   (c) attending field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
3. The Postgraduate Diploma in Rehabilitation is awarded with or without endorsement.
4. Candidates may complete an endorsement by passing at least 150 credits in a specialisation at 700-level. The requirements for each endorsement are set out in Schedule B for the Qualification.
5. Approved endorsements are Rehabilitation Counselling, and Rehabilitation of the Visually Impaired.

Student Progression
6. In cases of sufficient merit, the Postgraduate Diploma in Rehabilitation may be awarded with distinction or merit.

Completion Requirements
7. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas and Postgraduate Certificates will apply.

Unsatisfactory Academic Progress
8. The general Unsatisfactory Academic Progress regulations will apply.
### Schedule for the Postgraduate Diploma in Rehabilitation

#### Part A: Without Endorsement

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>147.701</td>
<td>Rehabilitation Theory and Practice</td>
<td>30</td>
</tr>
<tr>
<td>147.702</td>
<td>Rehabilitation Counselling</td>
<td>30</td>
</tr>
<tr>
<td>147.703</td>
<td>Vocational and Rehabilitation Counselling</td>
<td>30</td>
</tr>
<tr>
<td>147.704</td>
<td>Drugs and Society</td>
<td>30</td>
</tr>
<tr>
<td>147.705</td>
<td>Education and Rehabilitation of the Visually Impaired</td>
<td>30</td>
</tr>
<tr>
<td>147.706</td>
<td>Adaptive Communication and Independent Living Skills</td>
<td>30</td>
</tr>
<tr>
<td>147.707</td>
<td>Rehabilitation Practicum</td>
<td>30</td>
</tr>
<tr>
<td>147.712</td>
<td>Coexisting Substance Use and Mental Health Problems</td>
<td>30</td>
</tr>
<tr>
<td>147.791</td>
<td>Special Topic 1</td>
<td>30</td>
</tr>
<tr>
<td>150.702</td>
<td>Mauri Ora: Māori Mental Health</td>
<td>30</td>
</tr>
<tr>
<td>179.702</td>
<td>Advanced Research Methods</td>
<td>30</td>
</tr>
<tr>
<td>179.773</td>
<td>Disability Studies</td>
<td>30</td>
</tr>
<tr>
<td>179.777</td>
<td>Disability, Consumer Rights and Advocacy</td>
<td>30</td>
</tr>
<tr>
<td>168.711</td>
<td>Health Research Design and Method</td>
<td>30</td>
</tr>
</tbody>
</table>

#### Part B: Endorsements

<table>
<thead>
<tr>
<th>Endorsement Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rehabilitation Counselling (no new enrolments from 2015)</td>
<td>30</td>
</tr>
<tr>
<td>Vocational and Rehabilitation Counselling</td>
<td>30</td>
</tr>
<tr>
<td>Rehabilitation Practicum</td>
<td>30</td>
</tr>
<tr>
<td>Coexisting Substance Use and Mental Health Problems</td>
<td>30</td>
</tr>
<tr>
<td>Education and Rehabilitation of the Visually Impaired</td>
<td>30</td>
</tr>
<tr>
<td>Health Research Design and Method</td>
<td>30</td>
</tr>
</tbody>
</table>

### The Postgraduate Diploma in Science and Technology

**PGDipScTech**

#### Qualification Regulations

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

**Admission**

1. Admission to the Postgraduate Diploma in Science and Technology requires that the candidate will:
   - (a) meet the University admission requirements as specified; and
   - (b) have been awarded or qualified for a Bachelor’s degree or an equivalent qualification with a major in the intended postgraduate subject, or equivalent, with a grade average of at least a B- in the major 300-level courses; or
   - (c) have been awarded or qualified for a Bachelor’s degree followed by a Graduate Diploma comprising the majoring courses for the intended postgraduate subject, or equivalent, with a minimum grade average of B- in the 300-level courses; or
   - (d) have been awarded or qualified for a Bachelor’s degree followed by a Graduate Certificate comprising at least 45 credits at 300-level from the majoring courses for the intended postgraduate subject, or equivalent, with a minimum grade average of B- in the 300-level courses; or
   - (e) have been awarded or qualified for a Postgraduate Certificate comprising 60 credits of subject courses for the intended Postgraduate Diploma.

**Qualification Requirements**

2. Candidates for the Postgraduate Diploma in Science and Technology shall follow a flexible course of study, which shall consist of courses totalling at least 120 credits at 700-level, comprising:
   - (a) at least 90 credits from courses selected from the Schedule for the Qualification; and including:
   - (b) attendance at contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

3. Notwithstanding Regulation 2, and with the approval of Academic Board or its delegate, students exiting from a relevant postgraduate qualification may substitute relevant 700-level courses for courses included in the Postgraduate Diploma in Science and Technology schedule beyond the normal limits permitted.

**Specialisations**

4. The Postgraduate Diploma in Science and technology may be awarded with or without an endorsement.

5. Candidates may complete an endorsement by passing at least 75 credits in an endorsement. The requirements for each endorsement are set out in the Schedule for the Qualification.


Student Progression
8. In cases of sufficient merit, the Postgraduate Diploma in Science and Technology may be awarded with Distinction or Merit.

Completion Requirements
9. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
10. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes. Candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Science and Technology should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
11. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions
12. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the qualification, candidates who commenced study towards the Postgraduate Diploma in Science prior to 1 January 2018 may complete the Postgraduate Diploma in Science under the 2017 regulations. These transition arrangements expire on 31 December 2020.

Schedule for the Postgraduate Diploma in Science and Technology

Agricultural Science

Subject Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>117.761</td>
<td>Ruminant Livestock Feeding</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.762</td>
<td>Intensive Livestock Feeding</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.764</td>
<td>Growth and Meat Science</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.765</td>
<td>Genetics and Breeding</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.767</td>
<td>Reproduction and Fertility</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.768</td>
<td>Metabolism and Endocrinology</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.769</td>
<td>Lactation and Milk Production</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.771</td>
<td>Dairy Production</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.772</td>
<td>Sheep Production</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.773</td>
<td>Beef Cattle Production</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.774</td>
<td>Pig Production</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.775</td>
<td>Deer Production</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.776</td>
<td>Poultry Production</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.783</td>
<td>Advanced Studies in Animal Science</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.784</td>
<td>Advanced Studies in Animal Science</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>119.710</td>
<td>Nutrient Management in Grazed Pasture Systems</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>119.711</td>
<td>Nutrient Management in Arable Systems</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>119.728</td>
<td>Research Practice</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>119.729</td>
<td>Research Methods</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>162.780</td>
<td>Research Methods and Communication in the Biosciences</td>
<td>30</td>
<td>R 162.750</td>
</tr>
<tr>
<td>189.752</td>
<td>Advanced Soil Fertility</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>189.753</td>
<td>Soil and Land Evaluation</td>
<td>30</td>
<td>P 189.384</td>
</tr>
<tr>
<td>189.755</td>
<td>Soil and Water Pollution</td>
<td>30</td>
<td>P 189.363</td>
</tr>
<tr>
<td>189.757</td>
<td>Advanced Soil Conservation</td>
<td>15</td>
<td>P 189.252</td>
</tr>
<tr>
<td>189.758</td>
<td>Advanced Soil Water Management</td>
<td>15</td>
<td>P 189.252</td>
</tr>
<tr>
<td>283.701</td>
<td>Advanced Pasture Production and Practice</td>
<td>15</td>
<td>P 171.301 or 283.301; R 171.707</td>
</tr>
<tr>
<td>283.702</td>
<td>Advanced Agronomy</td>
<td>30</td>
<td>P 283.301 or 283.311 or 283.305; R 171.701 or 171.711 or 171.713 or 283.741</td>
</tr>
<tr>
<td>283.704</td>
<td>Urban and Farm Forestry</td>
<td>15</td>
<td>P 283.101 or 283.321 or 283.311 or 284.322; R 284.721</td>
</tr>
<tr>
<td>283.707</td>
<td>Plant Breeding</td>
<td>30</td>
<td>P One of 120.3xx, 283.305, 284.301 or 284.342; R 171.742</td>
</tr>
<tr>
<td>283.708</td>
<td>Quantitative Plant Breeding</td>
<td>30</td>
<td>P One of 120.3xx, 283.305, 284.301 or 284.342; R 171.754</td>
</tr>
</tbody>
</table>

Animal Science
At least 30 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>117.761</td>
<td>Ruminant Livestock Feeding</td>
<td>15</td>
<td>P 117.342 or 117.371 or 117.381</td>
</tr>
<tr>
<td>117.762</td>
<td>Intensive Livestock Feeding</td>
<td>15</td>
<td>P 117.342</td>
</tr>
<tr>
<td>117.764</td>
<td>Growth and Meat Science</td>
<td>15</td>
<td>P 117.344</td>
</tr>
<tr>
<td>117.765</td>
<td>Genetics and Breeding</td>
<td>15</td>
<td>P 117.345</td>
</tr>
<tr>
<td>117.767</td>
<td>Reproduction and Fertility</td>
<td>15</td>
<td>P 117.347</td>
</tr>
<tr>
<td>117.768</td>
<td>Metabolism and Endocrinology</td>
<td>15</td>
<td>P 117.348</td>
</tr>
<tr>
<td>117.769</td>
<td>Lactation and Milk Production</td>
<td>15</td>
<td>P 117.347</td>
</tr>
<tr>
<td>117.770</td>
<td>Dairy Production</td>
<td>15</td>
<td>P 117.354 or 117.371 or 117.381</td>
</tr>
<tr>
<td>117.771</td>
<td>Sheep Production</td>
<td>15</td>
<td>P 117.352 or 117.371 or 117.381</td>
</tr>
<tr>
<td>117.772</td>
<td>Beef Cattle Production</td>
<td>15</td>
<td>P 117.353 or 117.371 or 117.381</td>
</tr>
<tr>
<td>117.773</td>
<td>Pig Production</td>
<td>15</td>
<td>P 117.354 or 117.371 or 117.381</td>
</tr>
<tr>
<td>117.785</td>
<td>Deer Production</td>
<td>15</td>
<td>P 117.355</td>
</tr>
<tr>
<td>117.786</td>
<td>Poultry Production</td>
<td>15</td>
<td>P 117.354 or 117.371 or 117.381</td>
</tr>
<tr>
<td>117.788</td>
<td>Advanced Studies in Animal Science</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.789</td>
<td>Advanced Studies in Animal Science</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>119.728</td>
<td>Research Practice</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>122.703</td>
<td>Gene Expression</td>
<td>30</td>
<td>P One of 122.303, 203.342, 203.340, 203.307, 189.251</td>
</tr>
<tr>
<td>122.704</td>
<td>Molecular Cell Biology</td>
<td>30</td>
<td>P One of 122.303, 203.342, 203.340, 203.307, 189.251</td>
</tr>
<tr>
<td>122.713</td>
<td>Advanced Topics in Biochemistry</td>
<td>15</td>
<td>P One of 122.303, 203.342, 203.340, 203.307, 189.251</td>
</tr>
<tr>
<td>151.709</td>
<td>Biometrics for the Animal and Nutritional Sciences</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>194.703</td>
<td>Neurophysiology and Neuroendocrinology</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>194.704</td>
<td>Reproductive Physiology</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>194.705</td>
<td>Digestive Physiology</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>194.707</td>
<td>Perinatal Physiology</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>194.709</td>
<td>Conservation Endocrinology and Reproductive Biology</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>194.731</td>
<td>Animal Welfare Science</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>194.732</td>
<td>Advanced Cell Physiology</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>199.714</td>
<td>Animal Behaviour</td>
<td>30</td>
<td>P 199.312</td>
</tr>
<tr>
<td>199.717</td>
<td>Entomology</td>
<td>30</td>
<td>P 199.318 or 205.301</td>
</tr>
<tr>
<td>199.719</td>
<td>Topics in Biodiversity</td>
<td>15</td>
<td>P 199.317 or 205.303 or 196.318; R 199.718</td>
</tr>
<tr>
<td>283.701</td>
<td>Advanced Pasture Production and Practice</td>
<td>15</td>
<td>P 171.301 or 283.301; R 171.707</td>
</tr>
<tr>
<td>283.702</td>
<td>Advanced Agronomy</td>
<td>30</td>
<td>P 283.301 or 283.311 or 283.305; R 171.701 or 171.711 or 171.713 or 283.741</td>
</tr>
<tr>
<td>283.704</td>
<td>Urban and Farm Forestry</td>
<td>15</td>
<td>P 283.101 or 283.321 or 283.311 or 284.322; R 284.721</td>
</tr>
<tr>
<td>283.707</td>
<td>Plant Breeding</td>
<td>30</td>
<td>P One of 120.3xx, 283.305, 284.301 or 284.342; R 171.742</td>
</tr>
<tr>
<td>283.708</td>
<td>Quantitative Plant Breeding</td>
<td>30</td>
<td>P One of 120.3xx, 283.305, 284.301 or 284.342; R 171.754</td>
</tr>
</tbody>
</table>
### Biochemistry

**Compulsory course (30 credits):**

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>122.703</td>
<td>Gene Expression</td>
<td>30</td>
<td>P One of 122.303, 203.342, 203.340</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**At least 30 credits from:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>122.704</td>
<td>Molecular Cell Biology</td>
<td>30</td>
<td>P One of 122.322, 122.327, 123.326, 203.307, 203.340, 203.342, 162.312, 194.346</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>247.712</td>
<td>Advanced Topics in Molecular Biology</td>
<td>30</td>
<td>P One of 122.303, 122.322, 122.327, 123.326, 203.300, 203.307, 203.340, 203.341, 203.342, 203.343</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Biological Sciences

**Subject courses:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>120.713</td>
<td>Advanced Topics in Plant Biology</td>
<td>30</td>
<td>P 120.3xx</td>
<td></td>
<td></td>
</tr>
<tr>
<td>120.714</td>
<td>Botanical Evolution</td>
<td>15</td>
<td>P 120.3xx, R 126.711</td>
<td></td>
<td></td>
</tr>
<tr>
<td>120.715</td>
<td>Advanced Topics in Evolutionary Genetics</td>
<td>30</td>
<td>P One of 120.3xx or 203.3xx</td>
<td></td>
<td></td>
</tr>
<tr>
<td>122.703</td>
<td>Gene Expression</td>
<td>30</td>
<td>P One of 122.303, 203.342, 203.340</td>
<td></td>
<td></td>
</tr>
<tr>
<td>122.704</td>
<td>Molecular Cell Biology</td>
<td>30</td>
<td>P One of 122.322, 122.327, 123.326, 203.307, 203.340, 203.342, 162.312, 194.346</td>
<td></td>
<td></td>
</tr>
<tr>
<td>122.713</td>
<td>Advanced Topics in Biochemistry</td>
<td>15</td>
<td>P One of 122.303, 122.322, 122.327, 123.326, 203.307, 203.340, 203.342, 162.312, 194.346</td>
<td></td>
<td></td>
</tr>
<tr>
<td>161.704</td>
<td>Bayesian Statistics</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>161.709</td>
<td>Topic in Statistical Theory</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>161.725</td>
<td>Statistical Quality Control</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>161.729</td>
<td>Topics in Applied Statistics</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>161.743</td>
<td>Statistical Reliability and Survival Analysis</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>161.744</td>
<td>Statistical Genetics</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>161.762</td>
<td>Multivariate Analysis for Big Data</td>
<td>15</td>
<td>R 161.323, 161.772</td>
<td></td>
<td></td>
</tr>
<tr>
<td>161.770</td>
<td>Statistical Consulting</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>161.771</td>
<td>Analysis of Experiments for Researchers</td>
<td>15</td>
<td>R 161.321</td>
<td></td>
<td></td>
</tr>
<tr>
<td>161.772</td>
<td>Multivariate Analysis for Researchers</td>
<td>15</td>
<td>R 161.323, 161.762</td>
<td></td>
<td></td>
</tr>
<tr>
<td>161.777</td>
<td>Practical Data Mining</td>
<td>15</td>
<td>R 161.223 and 161.324</td>
<td></td>
<td></td>
</tr>
<tr>
<td>161.778</td>
<td>Biostatistics for Researchers</td>
<td>15</td>
<td>R 161.331</td>
<td></td>
<td></td>
</tr>
<tr>
<td>162.704</td>
<td>Current Topics in Microbiology</td>
<td>30</td>
<td>P Two of 141.311, 182.301, 182.303, 182.304, 182.307, 162.312 or 203.300, R 162.702</td>
<td></td>
<td></td>
</tr>
<tr>
<td>162.760</td>
<td>Research Methods and Communication in the Biosciences</td>
<td>30</td>
<td>R 162.750</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>194.703</td>
<td>Neurophysiology and Neuroendocrinology</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>194.704</td>
<td>Reproductive Physiology</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>194.705</td>
<td>Digestive Physiology</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>194.707</td>
<td>Perinatal Physiology</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>194.709</td>
<td>Conservation Endocrinology and Reproductive Biology</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>194.731</td>
<td>Animal Welfare Science</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>194.732</td>
<td>Advanced Cell Physiology</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>196.712</td>
<td>Aquatic Ecology</td>
<td>30</td>
<td>P 196.313 or 121.313</td>
<td></td>
<td></td>
</tr>
<tr>
<td>196.713</td>
<td>Ecology</td>
<td>30</td>
<td>P 196.3xx or 199.3xx</td>
<td></td>
<td></td>
</tr>
<tr>
<td>196.726</td>
<td>Plant Ecology</td>
<td>30</td>
<td>R 196.316</td>
<td></td>
<td></td>
</tr>
<tr>
<td>199.714</td>
<td>Animal Behaviour</td>
<td>30</td>
<td>R 199.312</td>
<td></td>
<td></td>
</tr>
<tr>
<td>199.717</td>
<td>Entomology</td>
<td>30</td>
<td>R 199.310 or 285.301</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Chemistry

**Compulsory course (30 credits):**

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>123.711</td>
<td>Research Methods in Chemistry and Nanoscience</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Subject courses:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>123.712</td>
<td>Advanced Nanoscience and Physical Chemistry</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>123.713</td>
<td>Advanced Chemical Synthesis</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>124.712</td>
<td>Condensed Matter Physics</td>
<td>15</td>
<td>P 124.325 and one of 124.327, 124.332, 124.316</td>
<td></td>
<td></td>
</tr>
<tr>
<td>124.762</td>
<td>Chemical Physics</td>
<td>15</td>
<td>P 124.325 and one of 124.327, 124.332, 124.316</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Computer Science (No new enrolments from 2018)

**Subject courses:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>159.702</td>
<td>Knowledge Engineering</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>159.703</td>
<td>Advanced Computer Systems</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>159.704</td>
<td>Systems Programming</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>159.707</td>
<td>Advanced Software Design and Construction</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>159.709</td>
<td>Computer Graphics</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>159.710</td>
<td>User Interface Design</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>159.731</td>
<td>Studies in Computer Vision</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>159.732</td>
<td>Studies in Computer Programming</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>159.735</td>
<td>Studies in Parallel and Distributed Systems</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>159.736</td>
<td>Studies in Operating Systems and Architecture</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>159.737</td>
<td>Studies in Compilers and Grammars</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>159.740</td>
<td>Studies in Intelligent Systems</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Conservation Biology

**Compulsory courses (60 credits):**

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>232.701</td>
<td>Conservation Biology</td>
<td>30</td>
<td>R 196.719</td>
<td></td>
<td></td>
</tr>
<tr>
<td>232.703</td>
<td>Wildlife Management</td>
<td>30</td>
<td>C 232.701 or 196.713, R 199.715</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Subject courses:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>132.735</td>
<td>Natural Resource Policy and Planning</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>132.738</td>
<td>GIS Principles and Applications</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>188.705</td>
<td>Natural Resource Policy</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>188.764</td>
<td>Advanced Environmental Management I</td>
<td>15</td>
<td>R 188.763</td>
<td></td>
<td></td>
</tr>
<tr>
<td>188.765</td>
<td>Advanced Environmental Management II</td>
<td>15</td>
<td>R 188.763</td>
<td></td>
<td></td>
</tr>
<tr>
<td>194.709</td>
<td>Conservation Endocrinology and Reproductive Biology</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>196.712</td>
<td>Aquatic Ecology</td>
<td>30</td>
<td>P 196.313 or 121.313</td>
<td></td>
<td></td>
</tr>
<tr>
<td>196.726</td>
<td>Plant Ecology</td>
<td>30</td>
<td>P 196.316</td>
<td></td>
<td></td>
</tr>
<tr>
<td>232.704</td>
<td>Wildlife Disease</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Earth Science

Subject courses:

- Advanced Pedology 30
- Volcanology and Teagrogenochronology 30
- Environmental Geographical Information Systems 30
- Environmental Remote Sensing 30
- Geochemistry 30
- Advanced Sedimentology 30
- Geology, Hazard and Society; Environmental Geology A 15
- Applied Environmental Geology; Environmental Geology B 15
- Global Climate Change 15
- Advanced Quaternary Geology 15

May include 15 credits from:

- Research Practice 15
- Research Methods 15

Ecology

At least 60 credits from:

- Aquatic Ecology 30
- Ecology 30
- Plant Ecology 30

Subject courses:

- Advanced Topics in Plant Biology 30
- Botanical Evolution 15
- Advanced Topics in Evolutionary Genetics 30
- Animal Behaviour 30
- Entomology 30
- Topics in Biodiversity 15
- Conservation Biology 30
- Wildlife Management 30
- Wildlife Disease 30
- Captive Breeding and Management 30

Exercise and Sport Science

Subject courses:

- Advanced Physical Conditioning 30
- Advanced Exercise Prescription for Musculoskeletal Conditions 15
- Advanced Exercise Prescription for Cardiopulmonary Conditions 30
- Advanced Topics in Clinical Exercise, Health and Disease 30
- Skeletal Muscle Metabolism 15
- Muscle Mechanics 15
- Advanced Biomechanics 15
- Advanced Topics in Exercise Science 15

May include 15 credits from:

- Research Practice 15
- Research Methods 15

Genetics

Compulsory courses (60 credits):

- Research Methods and Communication in the Biosciences 30
- Genetic Analysis 30

Subject courses:

- Advanced Topics in Evolutionary Genetics 30
- Gene Expression 30
- Advanced Topics in Biochemistry 15
- Statistical Genetics 15
- Molecular Evolution 15
- Advanced Topics in Molecular Biology 30

Geography

At least 60 credits from:

- Applied Coastal Geomorphology 15
- Applied Fluvial Geomorphology 15
- Environmental Remote Sensing 30
- Environmental Geographical Information Systems 30
- Global Climate Change 15

Subject courses:

- Economic Geography 30
- Consumations and Place 30
- Foundations in Human Geography 30

Horticultural Science

Subject courses:

- Research Practice 15
- Research Methods 15
- Research Methods and Communication in the Biosciences 30
- Gene Expression 30
- Special Topic Applied Statistics 15
- Special Topic in Data Analysis 15
- Plant Breeding 30
- Vegetable Production Science 15
- Fruit Production Science 15
- Post-harvest Physiology 30
Human Nutrition
Compulsory courses (60 credits):

151.708 Nutritional Research Methods 15
151.709 Biometrics for the Animal and Nutritional Sciences 15
151.718 Advanced Topics in Macronutrient Nutrition 15
151.719 Advanced Topics in Micronutrient Nutrition 15

Subject courses:

151.704 Human Nutrition 15
C 151.718 or 151.719
151.715 Advanced Sports Nutrition 15
P 151.332, 151.346
151.716 Advanced Nutrition and Disease 15
P 151.333, 151.345
151.717 Selected Topics in Public Health Nutrition 15

Mathematics
Subject courses:

160.702 Advanced Algebra 15
P 160.302
160.703 Advanced Analysis 15
P 160.301
160.704 Studies in Theoretical Mathematics 15
P 160.301 and 160.302
160.715 Advanced Computational Methods 15
P 160.211 and 160.318
160.733 Methods of Applied Mathematics 15
P 160.301 and 160.318
160.734 Studies in Applied Differential Equations 15
P 160.211, 160.301, 160.318
160.737 Studies in Mathematical Physics 15
P Two of 160.301, 160.302, 160.318, 124.332
160.783 Mathematics Project 30

Microbiology
Compulsory courses (60 credits):

162.704 Current Topics in Microbiology 30
P Two of 141.311, 162.301, 162.303, 162.304, 162.307, 162.312 or 203.300; R 182.702

Subject courses:

122.703 Gene Expression 30
P One of 122.303, 203.342, 203.340
122.704 Molecular Cell Biology 30
P One of 122.322, 122.327, 123.326, 203.307, 203.340, 203.342, 162.312, 194.346
122.713 Advanced Topics in Biochemistry 15
P One of 122.303, 122.322, 123.326, 203.307, 203.340, 203.342

247.712 Advanced Topics in Molecular Biology 30
P One of 122.303, 122.322, 123.326, 203.307, 203.340, 203.342, 194.346
203.761 Molecular Evolution 15

Nanoscience
Compulsory course (30 credits):

123.711 Research Methods in Chemistry and Nanoscience 30

Subject courses:

122.703 Gene Expression 30
P One of 122.303, 203.342, 203.340

122.713 Advanced Topics in Biochemistry 15
P One of 122.303, 122.322, 123.326, 203.307, 203.340, 203.342

123.712 Advanced Nanoscience and Physical Chemistry 30

123.713 Advanced Chemical Synthesis 30

124.712 Condensed Matter Physics 15
P 124.325 and one of 124.327, 124.332, 124.316
124.721 Quantum Mechanics and Group Theory 15
P 124.325 and one of 124.327, 124.332, 124.316
124.722 Relativistic Quantum Mechanics and Field Theory 15
P 124.325 and one of 124.327, 124.332, 124.316
124.761 Topics in Statistical Physics and Random Processes 15
P 124.325 and one of 124.327, 124.332, 124.316
124.762 Chemical Physics 15
P 124.325 and one of 124.327, 124.332, 124.316

Physics
At least 60 credits from:

124.712 Condensed Matter Physics 15
P 124.325 and one of 124.327, 124.332, 124.316
124.721 Quantum Mechanics and Group Theory 15
P 124.325 and one of 124.327, 124.332, 124.316
124.722 Relativistic Quantum Mechanics and Field Theory 15
P 124.325 and one of 124.327, 124.332, 124.316
124.761 Topics in Statistical Physics and Random Processes 15
P 124.325 and one of 124.327, 124.332, 124.316
124.762 Chemical Physics 15
P 124.325 and one of 124.327, 124.332, 124.316

Subject courses:

123.711 Research Methods in Chemistry and Nanoscience 30
160.704 Studies in Theoretical Mathematics 15
P 160.301 and 160.302
160.715 Advanced Computational Methods 15
P 160.211 and 160.318
160.733 Methods of Applied Mathematics 15
P 160.301 and 160.318
160.734 Studies in Applied Differential Equations 15
P 160.211, 160.301, 160.318
160.737 Studies in Mathematical Physics 15
P Two of 160.301, 160.302, 160.318, 124.332

Physiology
Subject courses:

119.728 Research Practice 15
119.729 Research Methods 15
162.760 Research Methods and Communication in the Biosciences 30
P 162.750
194.703 Neurophysiology and Neuroendocrinology 30
194.704 Reproductive Physiology 30
194.705 Digestive Physiology 30
194.707 Perinatal Physiology 30
194.709 Conservation Endocrinology and Reproductive Biology 30
194.731 Animal Welfare Science 30
194.732 Advanced Cell Physiology 30

Plant Biology
Compulsory courses (60 credits):

162.760 Research Methods and Communication in the Biosciences 30
P 162.750
120.713 Advanced Topics in Plant Biology 30
P 120.3xx
### Subject courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>120.714</td>
<td>Botanical Evolution</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>120.715</td>
<td>Advanced Topics in Evolutionary Genetics</td>
<td>30</td>
<td>P One of 120.3xx or 203.3xx or 196.3xx</td>
</tr>
<tr>
<td>122.703</td>
<td>Gene Expression</td>
<td>30</td>
<td>P One of 122.303, 203.342, 203.340</td>
</tr>
<tr>
<td>122.704</td>
<td>Molecular Cell Biology</td>
<td>30</td>
<td>P One of 122.322, 122.327, 123.326, 203.307, 203.340, 203.342, 162.312, 194.346</td>
</tr>
<tr>
<td>162.704</td>
<td>Current Topics in Microbiology</td>
<td>30</td>
<td>P Two of 141.311, 162.301, 162.303, 162.304, 162.387, 162.312 or 203.300; R 162.702</td>
</tr>
<tr>
<td>203.761</td>
<td>Molecular Evolution</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>247.712</td>
<td>Advanced Topics in Molecular Biology</td>
<td>30</td>
<td>P One of 122.303, 122.307, 123.326, 203.307, 203.340, 203.341, 203.342, 203.343</td>
</tr>
</tbody>
</table>

### Plant Breeding

**Compulsory courses (60 credits):**

- 283.707 Plant Breeding 30 P One of 120.3xx, 283.305, 284.301 or 284.342; R 171.742
- 283.708 Quantitative Plant Breeding 30 P One of 120.3xx, 283.305, 284.301 or 284.342; R 171.742

### Subject courses:

- 119.728 Research Practice 15
- 151.709 Biometrics for the Animal and Nutritional Sciences 15
- 162.760 Research Methods and Communication in the Biosciences 30 R 162.750

### Psychology

**Compulsory course (15 credits):**

- 175.738 Psychological Research: Principles of Design 15

### Subject courses:

- 175.718 Postmodernism and Psychology 15
- 175.719 Applied Criminal Psychology 15
- 175.720 Advanced Psychology of Women 15
- 175.721 Child and Family Therapy 15
- 175.722 Principles of Clinical Neuropsychology 15
- 175.724 Advanced Experimental Psychology 30 P 175.203 and either 175.205 or 175.206
- 175.725 Advanced Social Psychology 30
- 175.729 Psychology and Culture 15
- 175.730 Professional Practice in Psychology 15
- 175.732 Psychological Well-being in Organisations 15
- 175.733 Sustainable Livelihood 15
- 175.734 Child Clinical Neuropsychology 15
- 175.737 Occupational Psychology 15
- 175.739 Health Psychology: Understanding Health and Illness 15
- 175.740 Occupational Health Psychology 15
- 175.741 Psychological Assessment in Organisations 15
- 175.743 Health Psychology: The Social Context 15
- 175.744 Health Psychology: Promoting Health 15
- 175.746 Psychological Research: Multivariate Data Analysis 15

### Statistics

**Compulsory course (15 credits):**

- 161.705 Advanced Statistical Inference 15

### Subject courses:

- 161.704 Bayesian Statistics 15
- 161.709 Topic in Statistical Theory 15
- 161.725 Statistical Quality Control 15
- 161.729 Topics in Applied Statistics 15
- 161.743 Statistical Reliability and Survival Analysis 15
- 161.744 Statistical Genetics 15
- 161.770 Statistical Consulting 15
- 161.782 Statistical Analysis Project 30

### Subject courses (maximum 15 credits):

- 161.762 Multivariate Analysis for Big Data 15 R 161.323, 161.772
- 161.771 Analysis of Experiments for Researchers 15 R 161.321
- 161.772 Multivariate Analysis for Researchers 15 R 161.323, 161.762
- 161.777 Practical Data Mining 15 R 161.223 and 161.324
- 161.778 Biostatistics for Researchers 15 R 161.331

### Zoology

At least 45 credits from:

- 199.714 Animal Behaviour 30 P 199.312
- 199.717 Entomology 30 P 199.310 or 285.301
- 199.719 Topics in Biodiversity 15 P 199.317 or 120.303 or 196.318; R 199.718
Subject courses:
- 194.709 Conservation Endocrinology and Reproductive Biology 30
- 194.703 Neurophysiology and Neuroendocrinology 30
- 194.704 Reproductive Physiology 30
- 194.705 Digestive Physiology 30
- 194.707 Perinatal Physiology 30
- 194.731 Animal Welfare Science 30

194.732 Advanced Cell Physiology 30
196.712 Aquatic Ecology 30  P 196.313 or 121.313
196.713 Ecology 30  P 195.3xx or 199.3xx
196.726 Plant Ecology 30  P 196.316
232.701 Conservation Biology 30  R 196.719
232.703 Wildlife Management 30  C 232.701 or 196.713; R 199.716
232.704 Wildlife Disease 30
232.705 Captive Breeding and Management 30

The Postgraduate Diploma in Social Sector Evaluation Research
PGDipSSER

Qualification Regulations
Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Postgraduate Diploma in Social Sector Evaluation Research requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a relevant Bachelor's degree, or equivalent.

Qualification Requirements
2. Candidates for the Postgraduate Diploma in Social Sector Evaluation Research shall follow a flexible programme of study, which shall consist of courses at 700 level totalling at least 120 credits, comprising:
   (a) courses from the Schedule for the Diploma;
   (b) any compulsory courses as listed in the Schedule for the Diploma;
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
3. The Postgraduate Diploma in Social Sector Evaluation Research is awarded without an endorsement.

Student Progression
4. In cases of sufficient merit, the Postgraduate Diploma in Social Sector Evaluation Research may be awarded with distinction or merit.

Completion Requirements
5. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress
7. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Postgraduate Diploma in Social Sector Evaluation Research
Compulsory courses (90 credits):
- 230.701 Evaluation: Theory and Principles 30
- 230.702 Professional Evaluation Practice 30
- 230.703 Techniques and Methods in Evaluation Research 30

Elective courses
- 131.702 Development Management 30
- 200.798 Research Report (30) 30

The Postgraduate Diploma in Social Service Supervision
PGDipSSS

Qualification Regulations
Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Postgraduate Diploma in Social Service Supervision requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a relevant Bachelor's degree, or equivalent; and
   (c) be professionally qualified in a social service field.

Qualification Requirements
2. Candidates for the Postgraduate Diploma in Social Service Supervision shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) courses as specified in the Schedule for the Qualification;
   (b) attending contact workshops, block courses, workshops, tutorials, and laboratories as required.

Specialisations
3. Notwithstanding Regulation 2(a), a candidate who has completed course(s) equivalent to a course included in the Schedule may, with the approval of the Academic Board or their delegate, be permitted to substitute it with an approved 30-credit 700-level course.

Student Progression
4. The Postgraduate Diploma in Social Service Supervision is awarded without endorsement.

Completion Requirements
5. In cases of sufficient merit, the Postgraduate Diploma may be awarded with distinction or merit.

Unsatisfactory Academic Progress
7. The general Unsatisfactory Academic Progress regulations will apply.
**Qualification Regulations**

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

**Admission**

1. Admission to the Postgraduate Diploma in Social Work requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a Bachelor of Social Work or Bachelor of Social Work with Honours or equivalent.

**Qualification Requirements**

2. Candidates for the Postgraduate Diploma in Social Work shall follow a programme of study, which shall consist of courses totalling at least 120 credits at 700-level, comprising courses selected from the Schedule for the Qualification.

3. Notwithstanding Regulation 2, and at the discretion of Academic Board, students exiting the Master of Applied Social Work may have a personal course variation approved in excess of stated limits, to meet the requirements of the Postgraduate Diploma in Social Work through substitution of courses from the schedule to that degree.

4. Notwithstanding Regulation 2, and at the discretion of Academic Board, students exiting the Doctor of Social Work may have a personal course variation approved in excess of stated limits, to meet the requirements of the Postgraduate Diploma in Social Work through substitution of courses from the schedule to that degree.

**Specialisations**

5. The Postgraduate Diploma in Social Work is awarded without specialisation.

---

**The Postgraduate Diploma in Social Work**

**PGDipSW**

**Student Progression**

6. The Postgraduate Diploma in Social Work may be awarded with distinction.

**Completion Requirements**

7. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

8. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Social Work should they meet the relevant Qualification requirements.

**Unsatisfactory Academic Progress**

9. The general Unsatisfactory Academic Progress regulations will apply.

**Schedule for the Postgraduate Diploma in Social Work**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>179.702</td>
<td>Advanced Research Methods</td>
<td>30</td>
</tr>
<tr>
<td>179.711</td>
<td>Special Topic</td>
<td>30</td>
</tr>
<tr>
<td>179.736</td>
<td>Substance Misuse and Addictions</td>
<td>30</td>
</tr>
<tr>
<td>179.740</td>
<td>Social Service Supervision: Theory and Practice</td>
<td>30</td>
</tr>
<tr>
<td>179.741</td>
<td>Social Service Management</td>
<td>30</td>
</tr>
<tr>
<td>179.742</td>
<td>Learning in Social Service Supervision</td>
<td>30</td>
</tr>
<tr>
<td>179.743</td>
<td>Clinical Supervision</td>
<td>30</td>
</tr>
<tr>
<td>P 179.740</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**The Postgraduate Diploma in Specialist Teaching**

**PGDipSpecTchg**

**Qualification Regulations**

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

**Admission**

1. Admission to the Postgraduate Diploma in Specialist Teaching requires that the candidate will:
   (a) meet the University admission requirements;
   (b) hold a relevant professional qualification;
   (c) have either:
      (i) qualified for any degree of a New Zealand university, or equivalent; or
      (ii) provided evidence of sufficient practical/professional experience of an acceptable standard in an area relevant to the qualification;
   (d) have satisfied the Academic Board that they have sufficient background of professional experience to be likely to benefit from the programme.

2. Candidates who do not hold current New Zealand professional Registration will be required to undergo police vetting prior to gaining entry into the programme. Such candidates must meet requirements equivalent to those set down by the Education Council of Aotearoa New Zealand for registration as a teacher in terms of character and fitness to be a teacher.

3. All international candidates and others whose first language is not English who have not gained a New Zealand university entrance qualification, or an overseas entrance qualification in a country where the main language is English, will be required to provide evidence of their proficiency in English in the form of an academic IELTS (International English Language Testing System) score of 7.0 with no band less than 7.0 (or the equivalent TOEFL score) or other evidence that is acceptable to Academic Board.
Qualification Requirements
4. Candidates for the Postgraduate Diploma in Specialist Teaching shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) one core course as listed in Schedule A for the qualification (30 credits);
   (b) three courses for one endorsement as listed in Schedule B for the qualification (90 credits).

Specialisations
5. Candidates must complete one endorsement by completing the requirements for that endorsement as set out in Part B of the Schedule for the Qualification.

Academic Requirements
6. There are no additional academic requirements for this qualification.

Student Progression
7. There are no additional progression requirements for this qualification.

Completion Requirements
8. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
9. Any candidate who has previously been awarded a Postgraduate Certificate in Specialist Teaching must surrender that qualification in order to be eligible for the award of the Postgraduate Diploma in Specialist Teaching. Time limits for completion and for the award of distinction will apply from the time that the candidate first enrolled in a course credited towards the diploma.
10. In order to graduate with the Postgraduate Diploma in Specialist Teaching endorsed in Blind and Low Vision a candidate must pass the Trans-Tasman Braille Proficiency Examination.
11. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Postgraduate Certificate in Specialist Teaching should they meet the relevant Qualification requirements.

 Unsatisfactory Academic Progress
12. The general Unsatisfactory Academic Progress regulations will apply.
13. For candidates enrolled in the Postgraduate Diploma in Specialist Teaching failure to complete a course in two successive attempts will lead to exclusion from the qualification.

Schedule for the Postgraduate Diploma in Specialist Teaching

Schedule A – Core course for the Postgraduate Diploma in Specialist Teaching

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>254.765</td>
<td>Core Theory and Foundations of Specialist Teaching</td>
<td>30</td>
</tr>
</tbody>
</table>

Schedule B – Endorsement courses for the Postgraduate Diploma in Specialist Teaching

**Autism Spectrum Disorder**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>249.745</td>
<td>Theory and Foundations of Autism Spectrum Disorder</td>
<td>30</td>
</tr>
<tr>
<td>249.749</td>
<td>Evidence-based Interprofessional Practice in Autism Spectrum Disorder</td>
<td>30</td>
</tr>
<tr>
<td>249.750</td>
<td>Practicum Autism Spectrum Disorder</td>
<td>30</td>
</tr>
</tbody>
</table>

**Blind and Low Vision**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>249.700</td>
<td>Braille Proficiency</td>
<td>0</td>
</tr>
<tr>
<td>249.746</td>
<td>Theory and Foundations of Blind and Low Vision Education</td>
<td>30</td>
</tr>
<tr>
<td>249.751</td>
<td>Evidence-based Interprofessional Practice in Blind and Low Vision Education</td>
<td>30</td>
</tr>
<tr>
<td>249.752</td>
<td>Practicum in Blind and Low Vision Education</td>
<td>30</td>
</tr>
</tbody>
</table>

**Complex Educational Needs**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>249.760</td>
<td>Theory and Foundations of Complex Educational Needs</td>
<td>30</td>
</tr>
<tr>
<td>249.761</td>
<td>Evidence-based Interprofessional Practice in Complex Educational Needs</td>
<td>30</td>
</tr>
<tr>
<td>249.763</td>
<td>Practicum in Complex Educational Needs</td>
<td>30</td>
</tr>
</tbody>
</table>

**Gifted and Talented**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>262.751</td>
<td>Theory and Foundations of Gifted and Talented Education</td>
<td>30</td>
</tr>
<tr>
<td>262.752</td>
<td>Evidence-based Interprofessional Practice in Gifted and Talented Education</td>
<td>30</td>
</tr>
<tr>
<td>262.753</td>
<td>Practicum in Gifted and Talented Education</td>
<td>30</td>
</tr>
</tbody>
</table>

**Learning and Behaviour**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>249.753</td>
<td>Theory and Foundations of Learning and Behaviour Diversity</td>
<td>30</td>
</tr>
<tr>
<td>249.754</td>
<td>Evidence-based Interprofessional Practice in Learning and Behaviour Diversity</td>
<td>30</td>
</tr>
<tr>
<td>249.755</td>
<td>Practicum in Learning and Behaviour Diversity</td>
<td>30</td>
</tr>
</tbody>
</table>

The Postgraduate Diploma in Speech and Language Therapy
PGDipSpchLangTher

Qualification Requirements

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Postgraduate Diploma in Speech and Language Therapy requires that the candidate will:
   (a) meet the University admission requirements as specified, and shall have
   (b) been awarded or qualified for either the Bachelor of Speech and Language Therapy or the Bachelor of Speech and Language Therapy with Honours, having achieved a grade average of at least a B.

Qualification Requirements
2. Candidates for the Postgraduate Diploma in Speech and Language Therapy shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits from the Schedule to the Diploma.

Specialisations
3. The Postgraduate Diploma in Speech and Language Therapy is awarded without specialisation.

Student Progression
4. In cases of sufficient merit, the Postgraduate Diploma in Speech and Language Therapy may be awarded with distinction or merit.

Completion Requirements
5. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
The Postgraduate Diploma in Sport and Exercise
PGDipSpEx

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Postgraduate Diploma in Sport and Exercise requires that the candidate will:
   (a) meet the University admission requirements as specified, and:
   (b) have been awarded or qualified for the Bachelor of Sport and Exercise or an equivalent qualification, with a minimum grade average of B-.

Qualification Requirements
2. Candidates for the Postgraduate Diploma in Sport and Exercise shall follow a flexible course of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) courses selected from the Schedule to the Qualification; and including:
   (b) attending contact workshops, block courses, field trips, studios, workshops, tutorials and laboratories as required.

Specialisations
3. The Postgraduate Diploma in Sport and Exercise may be completed with or without an endorsement
4. Candidates may complete an endorsement by passing at least 90 credits in an endorsement. The requirements for each endorsement are set out in the Schedule for the Qualification.
5. Endorsements available are: Exercise Prescription and Training; Exercise Science; Physical Education; Sport Coaching; and Sport Management.

Student Progression
6. In cases of sufficient merit, the Postgraduate Diploma in Sport and Exercise may be awarded with Distinction or Merit in accordance with the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Completion Requirements
7. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
8. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress
9. The general Unsatisfactory Academic Progress regulations will apply.
The Postgraduate Diploma in Sport Management
PGDipSportMgt

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Postgraduate Diploma in Sport Management requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) shall have been awarded or qualified for a Bachelor’s degree or equivalent qualification, having achieved a B- grade average over the highest level courses.

Qualification Requirements
2. Candidates for the Postgraduate Diploma in Sport Management shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits at 700 level, including:
   (a) any compulsory courses identified in the Schedule for the Qualification;
   (b) at least 90 credits selected from the Schedule to the Qualification; and
   (c) attending field trips, studios, workshops, tutorials and laboratories as required.

Specialisations
3. The Postgraduate Diploma in Sport Management is awarded without specialisation.

Student Progression
4. In cases of sufficient merit, the Postgraduate Diploma in Sport Management may be awarded with distinction or merit.

Completion Requirements
5. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress
7. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Postgraduate Diploma in Sport Management

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>152.707</td>
<td>Leading and Changing Organisations</td>
<td>30</td>
<td>R 152.705, 152.709</td>
</tr>
<tr>
<td>152.752</td>
<td>Project Management</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>234.731</td>
<td>Advanced Sport in the Social Context</td>
<td>30</td>
<td>R 152.710</td>
</tr>
<tr>
<td>234.732</td>
<td>Advanced Sport Management</td>
<td>30</td>
<td>R 152.711</td>
</tr>
</tbody>
</table>

Toku Reo Toku Oha The Postgraduate Diploma in Te Reo Māori
PGDipReoM

No new enrolments from 2015

The Postgraduate Diploma in Veterinary Science
PGDipVSc

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Postgraduate Diploma in Veterinary Science requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a Bachelor of Veterinary Science, or equivalent.
2. Admission to the Postgraduate Diploma in Veterinary Science (Veterinary Medicine) requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for the Bachelor of Veterinary Science or a veterinary degree considered by the Academic Board to be equivalent to the Massey University Bachelor of Veterinary Science.
3. Notwithstanding the requirements of regulation 2(b), with the permission of the Academic Board or its delegate, candidates for the Postgraduate Diploma in Veterinary Science who have achieved at least a B in either 118.785 or 118.786 may be permitted to transfer to the Postgraduate Diploma in Veterinary Science (Veterinary Medicine).

Qualification Requirements
4. Candidates for the Postgraduate Diploma in Veterinary Science shall follow a flexible programme of study, which shall consist of courses from the 117, 118, and/or 194 course prefix series totalling at least 120 credits, including:
   (a) the requirements for an established endorsement as specified in the Schedule to the Qualification, or a programme of study approved by Academic Board under regulation 5;
   (b) attending field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
5. Academic Board may approve a programme of study and award the diploma with an endorsement identifying the veterinary field in which the candidate undertook study for the diploma.
6. Established endorsements for the Postgraduate Diploma in Veterinary Science are Veterinary Epidemiology, Veterinary Medicine and Veterinary Public Health.
7. The requirements for each established endorsement are set out in the Schedule for the Qualification.

Student Progression
8. In cases of sufficient merit, the Postgraduate Diploma in Veterinary Science may be awarded with distinction or merit.

Completion Requirements
9. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
10. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for
### Un satisfactory Academic Progress

11. The general Unsatisfactory Academic Progress regulations will apply.

### Schedule for the Postgraduate Diploma in Veterinary Science

#### Established Endorsements

**Veterinary Epidemiology (120 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Course Prefixes</th>
</tr>
</thead>
<tbody>
<tr>
<td>118.715</td>
<td>Epidemiologic Methods 1</td>
<td>30</td>
<td>R 118.720 and 195.720</td>
</tr>
<tr>
<td>118.785</td>
<td>Principles of Veterinary Epidemiology</td>
<td>15</td>
<td>R 118.720, 118.715, 118.815</td>
</tr>
<tr>
<td>118.786</td>
<td>Applied Veterinary Epidemiology</td>
<td>15</td>
<td>P 118.785; R 118.720, 118.715, 118.815</td>
</tr>
</tbody>
</table>

At least 30 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Course Prefixes</th>
</tr>
</thead>
<tbody>
<tr>
<td>118.716</td>
<td>Analysis of Epidemiologic Data 1</td>
<td>30</td>
<td>R 118.721 and 195.721</td>
</tr>
<tr>
<td>118.718</td>
<td>Animal Health Management</td>
<td>30</td>
<td>C 118.715 and 118.716; R 118.722</td>
</tr>
</tbody>
</table>

Plus at least 30 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Course Prefixes</th>
</tr>
</thead>
<tbody>
<tr>
<td>118.717</td>
<td>Analysis of Epidemiologic Data 2</td>
<td>30</td>
<td>C 118.715 and 118.716; R 118.721 and 195.721</td>
</tr>
<tr>
<td>118.726</td>
<td>Veterinary Public Health</td>
<td>60</td>
<td>R 118.726</td>
</tr>
<tr>
<td>118.815</td>
<td>Epidemiologic Methods 2</td>
<td>30</td>
<td>C 118.715 and 118.716; R 118.721 and 195.721</td>
</tr>
<tr>
<td>118.816</td>
<td>Advanced Analysis of Epidemiologic Data 1</td>
<td>30</td>
<td>C 118.715 and 118.716 or 118.785, 118.786, 118.716, R 118.821 and 195.821</td>
</tr>
<tr>
<td>118.817</td>
<td>Advanced Analysis of Epidemiologic Data 2</td>
<td>30</td>
<td>C 118.715, 118.716 and 118.717 or 118.785, 118.786, 118.716 and 118.717; R 118.821 and 195.821</td>
</tr>
<tr>
<td>118.819</td>
<td>Biosecurity Methods</td>
<td>30</td>
<td>C 118.715 and 118.716</td>
</tr>
</tbody>
</table>

Plus up to 30 credits from 117, 118 and/or 194 course prefix series.

**Veterinary Medicine (120 credits)**

At least 90 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Course Prefixes</th>
</tr>
</thead>
<tbody>
<tr>
<td>118.751</td>
<td>Canine and Feline Gastroenterology</td>
<td>15</td>
<td>R 195.751</td>
</tr>
<tr>
<td>118.752</td>
<td>Canine and Feline Endocrinology</td>
<td>15</td>
<td>R 195.752</td>
</tr>
<tr>
<td>118.753</td>
<td>Canine and Feline Oncology</td>
<td>15</td>
<td>R 195.753</td>
</tr>
<tr>
<td>118.754</td>
<td>Diagnostic Imaging for Small Animal Veterinarians</td>
<td>15</td>
<td>R 195.754</td>
</tr>
<tr>
<td>118.755</td>
<td>Clinical Pathology in Small Animal Practice</td>
<td>15</td>
<td>R 195.755</td>
</tr>
</tbody>
</table>

Plus up to 30 credits from 117, 118 and/or 194 course prefix series.

#### No new enrolments from 2017

**Qualification Regulations**

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

**Eligibility**

1. Before enrolment, a candidate for the PGDipWhānauDev shall have:
   (a) satisfied the requirements for a Bachelor’s degree in a relevant discipline; or
   (b) satisfied the requirements of the PGCertWhānauDev; or
   (c) (i) been admitted with equivalent status as eligible to proceed to the PGDipWhānauDev; and
   (ii) have relevant work in a related area to whānau development within three years of application for admission.

**Programme of Study**

2. A candidate shall follow a programme of study comprising courses to the value of 120 credits selected from those listed in the Schedule for the PGCertWhānauDev and PGDipWhānauDev.

3. In order for the Postgraduate Diploma to be awarded there shall be 90 credits comprising compulsory courses, and 30 credits selected from the research methods courses outlined in the Schedule.

4. A candidate who has been awarded the PGCertWhānauDev may enrol for the diploma provided that they:
   (a) surrender the PGCertWhānauDev; and
   (b) follow a programme of study comprising courses to the value of 60 credits that includes 150.724 and 30 credits from the listed research courses.

---

**The Postgraduate Diploma in Whānau Development**

**PGDipWhānauDev**

---

**Back to Contents**

**307**

**POSTGRADUATE DIPLOMAS**
5. A candidate enrolled for the PGCertWhānauDev who has not been awarded the Certificate may, on transferring to the programme of the PGDipWhānauDev, be credited with completed courses undertaken for the Certificate. For such candidates, the Qualification Regulations completed for the PGDipWhānauDev shall be deemed to apply as from the date of their enrolling for the PGCertWhānauDev.

6. A candidate’s programme of study shall not exceed five calendar years of part-time study for the PGDipWhānauDev, unless a specified time of suspension or extension is approved by the Academic Board.

**Schedules to the Postgraduate Diploma in Whānau Development**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.722</td>
<td>Te Tō Whānau: Whānau and Society</td>
<td>30</td>
</tr>
<tr>
<td>150.723</td>
<td>Ngā Momo Whānau: Whānau Form and Function</td>
<td>30</td>
</tr>
<tr>
<td>150.724</td>
<td>Whakapiki Whānau: Whānau Intervention</td>
<td>30</td>
</tr>
</tbody>
</table>

and 30 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.714</td>
<td>Ta Te Māori Rangahau Kōrero: Māori Research Methodologies</td>
<td>30</td>
</tr>
<tr>
<td>179.702</td>
<td>Advanced Research Methods</td>
<td>30</td>
</tr>
<tr>
<td>168.711</td>
<td>Health Research Design and Method</td>
<td>30</td>
</tr>
</tbody>
</table>

P 150.722 and 150.723

R 168.710, 168.810
### The Postgraduate Certificate in Applied Linguistics

**PGCertAppLing**

#### Qualification Regulations

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

**Admission**

1. Admission to the Postgraduate Certificate in Applied Linguistics requires that the candidate:
   (a) meet the University admission requirements as specified; and shall have:
   (b) been awarded or qualified for a Bachelor degree, or equivalent; and
   (c) completed at least one full-time year of relevant teaching experience, or equivalent.

#### Qualification Requirements

2. Candidates for the Postgraduate Certificate in Applied Linguistics shall follow a flexible programme of study totalling at least 60 credits as detailed in the Schedule for the Certificate.

#### Specialisations

3. The Postgraduate Certificate in Applied Linguistics is awarded without endorsement.

#### Completion Requirements

4. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

5. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

#### Unsatisfactory Academic Progress

6. The general Unsatisfactory Academic Progress regulations will apply.

#### Schedule for the Postgraduate Certificate in Applied Linguistics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>272.702</td>
<td>Second Language Learning Theories and Processes</td>
<td>30</td>
</tr>
<tr>
<td>272.703</td>
<td>Contemporary Approaches to Language Teaching Methodology</td>
<td>30</td>
</tr>
<tr>
<td>272.704</td>
<td>Contextualising Curriculum and Materials Design</td>
<td>30</td>
</tr>
<tr>
<td>P/C 272.703</td>
<td></td>
<td></td>
</tr>
<tr>
<td>272.715</td>
<td>Current Issues in Applied Linguistics</td>
<td>30</td>
</tr>
</tbody>
</table>

---

### The Postgraduate Certificate in Arts

**PGCertArts**

#### Qualification Regulations

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

**Part II**

**Admission**

1. Admission to the Postgraduate Certificate in Arts requires that the candidate will:
   (a) meet the University admission requirements as specified; and:
   (b) have been awarded or qualified for the Bachelor of Arts degree, with a major in the intended postgraduate subject, or equivalent; or
   (c) have been awarded or qualified for any Bachelor’s degree, with a minor in the intended postgraduate subject, followed by a Graduate Certificate in Arts endorsed in the intended postgraduate subject; or
   (d) have been awarded or qualified for any Bachelor’s degree followed by a Graduate Diploma in Arts endorsed in the intended postgraduate subject.

#### Qualification Requirements

2. Candidates for the Postgraduate Certificate in Arts shall follow a flexible programme of study, which shall consist of courses totalling at least 60 credits, comprising courses selected from a single major, endorsement or subject in the schedules to the Bachelor of Arts (Honours), Postgraduate Diploma in Arts or Master of Arts.

#### Specialisations

3. The Postgraduate Certificate in Arts is awarded without endorsement.

#### Completion Requirements

4. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

---
Unsatisfactory Academic Progress

5. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Postgraduate Certificate in Arts

Defence and Security Studies

Subject courses:

149.701 The New Zealand Strategic Environment 30
149.704 Leadership, Management and Command 30
149.707 The Middle East Security Environment 30
149.709 Terrorism, Insurgency and Transnational Crime 30
149.710 Military History 30
149.716 Security of China as a Great Power 30
149.725 International Security and Peacekeeping 30
149.732 Public International Law for Defence and Security 30
149.741 Intelligence in the International Security Environment 30
149.744 Intelligence Operations 30
149.760 Defence and Security Technology 30
149.770 Border Management in the Contemporary Security Environment 30
149.790 Research Methods in Defence and Security Studies 30

Economics

Subject courses:

125.785 Research Methods in Economics and Finance 30
178.702 Macroeconomics 30
178.703 The Theory and Practice of Economics 30
178.712 International Monetary Economics 30
178.713 Microeconomics 30
178.718 Health Economics 30
178.732 Advanced Econometrics 30
178.755 Economic Growth, International and Development Economics 30
178.775 The Economics of Knowledge and Innovation 30
178.776 Macroeconomics 15
178.781 Macroeconomics 30
P 178.703, or 178.200 and either 178.225 or 178.200; R 178.700, 178.714

Education

Subject courses:

267.782 Quantitative Research in Education 15
R 267.720, 267.723, 267.780, 267.788
267.783 Qualitative Research in Education 15
R 267.720, 267.723, 267.780, 267.788
254.702 Facing Big Questions in Education 30
254.744 Educational Issues Among Pacific Islands Peoples in New Zealand 30
254.773 Educational Policy Analysis 30
254.774 Evaluation of Educational Organisations 30
254.775 Management of Human Resources in Educational Organisations 30
261.765 Trends in E-Learning 30
263.704 Advanced Studies in Motivation and Learning 30
265.737 Young Children and Their Families 30

English

List A subject courses

At least 30 credits from:

139.703 Critical and Creative Research 30
139.707 Women, Desire and Narrative 30
139.710 Rhetoric, Composition and the Teaching of Writing 30
139.724 Literary Revolutions: Romantic and Victorian Literature 30
139.726 Early Modern Metadrama: Vices and Devices 30
139.750 Contemporary New Zealand Writers in an International Context 30
139.752 Te Aotearoa New Zealand Drama and Performance 30
139.757 Twentieth-Century New Zealand Fiction: Texts and Theories 30
139.758 Postcolonial Theory and Writing 30

List B subject courses

No more than 30 credits from:

139.763 Community Theatre 30
139.765 New Directions in Creative Writing 30
154.708 Modern Fiction, Popular Culture and the Media 30

Geography

Subject courses:

145.710 Consumption and Place 30
145.711 Foundations in Human Geography 30 R 145.706
145.712 Frontiers in Human Geography 30 R 145.701
145.730 Applied Coastal Geomorphology 15 R 145.705
145.731 Applied Fluvial Geomorphology 15 R 145.705
145.732 Landslide Investigation and Management 15 R 145.705
145.734 Palaeoecology, Palynology and Biogeography 15 R 145.704
145.735 Detecting Geomorphic Change 15 R 145.702
145.736 Advanced Physical Geography Techniques 15 R 145.702

Geographic Information Systems

Subject courses:

132.738 GIS Principles and Applications 30
132.740 Geographic Information Systems Programming and Practice 30 P/C 132.738
189.761 Applied Remote Sensing 30

1.5 or 159 prefix courses or such other courses as may be approved.

History

Subject courses:

148.720 Advanced Historiography 30
148.730 Advanced Historical Methodology 30

Māori Studies

Subject courses:

150.701 Tīpāgatiratanga: Strategic Māori Development 30
150.702 Mauri Ora: Māori Mental Health 30

Mana Motuhake: Contemporary Issues in Māori and Indigenous Education 30
Media Studies
Subject courses:

154.701 Modern and Postmodern Visual Cultures 30
154.702 Advanced Film Studies 30
154.704 Researching Media and Cultural Studies 30
154.707 The World of Noir 30
154.708 Modern Fiction, Popular Culture and the Media 30
154.709 Technology and Cultural Change 30
154.719 Media, Entertainment and Ethics 30
154.747 Media Practice and Global Culture 30
P 154.204 or 154.224 or 154.304 30
219.705 Advanced News Media Processes 30

Philosophy
Subject courses:

134.710 Philosophical Research 30
134.740 Advanced Study of Philosophical Topics 30
134.750 Advanced Study of Philosophical Texts 30
134.760 Advanced Philosophical Inquiry 30

Politics
Subject courses:

150.701 Tino Rangatiratanga: Strategic Māori Development 30
176.702 Advanced Social Inquiry 30
200.761 International Relations: Theory and Practice 30
200.782 Presidents and Prime Ministers 30
219.708 Political Communication 30

Psychology
Subject courses:

175.738 Psychological Research: Principles of Design 15
175.718 Postmodernism and Psychology 15
175.719 Applied Criminal Psychology 15
175.720 Advanced Psychology of Women 15
175.721 Child and Family Therapy 15
175.722 Principles of Clinical Neuropsychology 15
175.725 Advanced Social Psychology 30
175.729 Psychology and Culture 30
175.730 Professional Practice in Psychology 30
175.732 Psychological Well-being in Organisations 30
175.733 Sustainable Livelihood 30
175.734 Child Clinical Neuropsychology 30
175.737 Occupational Psychology 30
175.739 Health Psychology: Understanding Health and Illness 30
175.740 Occupational Health Psychology 30
175.741 Psychological Assessment in Organisations 30
175.743 Health Psychology: The Social Context 30
175.744 Health Psychology: Promoting Health 30
175.746 Psychological Research: Multivariate Data Analysis 30
175.747 The Psychology of Sport and Exercise 30
175.748 The Psychology of Organisational Change 30
175.751 Neuropsychological Rehabilitation 30
175.761 Theory and Practice of Cognitive Behaviour Therapy 30
175.781 Clinical Psychopathology 30
175.782 Clinical Psychology Assessment 30
175.783 Clinical Psychology Interventions 30

Social Anthropology
Subject courses:

146.701 Contemporary Approaches in Anthropological Theory 30
146.703 The Practice of Anthropology 30

Social Policy
Subject courses:

132.741 Long-Term Community Planning 30
179.702 Advanced Research Methods 30
179.711 Special Topic 30
179.783 Māori Development and the Social Services 30
279.701 Social Policy and Political Economy 30
279.703 Social Policy Studies 30

Sociology
Subject courses:

176.701 Current Issues and Theories 30
176.702 Advanced Social Inquiry 30
176.711 Sociology of Underdevelopment 30
176.715 Culture and New Zealand Society 30
176.718 Environmental Sociology 30

The Postgraduate Certificate in Business
PGCertBus

Qualification Regulations
Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Postgraduate Certificate in Business requires that the candidate will:
   (a) meet the University admission requirements as specified; and
(b) have been awarded or qualified for a Bachelor’s degree having achieved at least a B-grade average in the highest level courses, or equivalent.

Qualification Requirements

2. Candidates for the Postgraduate Certificate in Business shall follow a flexible programme of study, which shall consist of courses totalling at least 60 credits at 700 level, comprising:
(a) courses from the Postgraduate Certificate in Business Schedule; and including:
(b) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

3. Notwithstanding Regulation 2, and with the approval of Academic Board or their delegate, relevant 700 level courses may be substituted for courses included in the Postgraduate Certificate in Business schedule beyond the normal limits permitted.

Specialisations

4. The Postgraduate Certificate in Business is awarded without endorsement.

Completion Requirements

5. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress

7. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Postgraduate Certificate in Business

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>110.710</td>
<td>Contemporary Issues in Financial Accounting</td>
<td>30</td>
</tr>
<tr>
<td>110.711</td>
<td>Advanced Accounting Theory</td>
<td>30</td>
</tr>
<tr>
<td>114.702</td>
<td>Human Resource Management and Workplace Relations</td>
<td>30</td>
</tr>
<tr>
<td>114.709</td>
<td>Managing the Employment Relationship</td>
<td>30</td>
</tr>
<tr>
<td>114.710</td>
<td>Organisational Learning</td>
<td>30</td>
</tr>
<tr>
<td>114.722</td>
<td>Advanced Organisational Behaviour</td>
<td>30</td>
</tr>
<tr>
<td>114.723</td>
<td>Performance Management</td>
<td>30</td>
</tr>
<tr>
<td>114.728</td>
<td>Valuing Human Resource Talent in Business Enterprises</td>
<td>30</td>
</tr>
<tr>
<td>114.735</td>
<td>Competitive Advantage and HRM Strategy</td>
<td>30</td>
</tr>
<tr>
<td>114.761</td>
<td>International Human Resource Management</td>
<td>30</td>
</tr>
<tr>
<td>114.762</td>
<td>Career Management in an International Context</td>
<td>30</td>
</tr>
<tr>
<td>125.700</td>
<td>Managerial Finance</td>
<td>30</td>
</tr>
<tr>
<td>137.710</td>
<td>The Theory and Management of Banking</td>
<td>30</td>
</tr>
<tr>
<td>152.700</td>
<td>Organisation and Management</td>
<td>30</td>
</tr>
<tr>
<td>152.701</td>
<td>Advanced Management</td>
<td>30</td>
</tr>
<tr>
<td>152.702</td>
<td>Advanced Strategic Management</td>
<td>30</td>
</tr>
<tr>
<td>152.704</td>
<td>Business and Sustainability</td>
<td>30</td>
</tr>
<tr>
<td>152.705</td>
<td>Advanced Change Management</td>
<td>30</td>
</tr>
<tr>
<td>152.707</td>
<td>Leading and Changing Organisations</td>
<td>30</td>
</tr>
</tbody>
</table>

The Postgraduate Certificate in Creative Arts

PGCertCA

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.
(a) have been awarded or qualified for a Bachelor of Design, or equivalent; or
(b) have been awarded or qualified for a Bachelor of Fine Arts, or equivalent.

Qualification Requirements

2. Candidates for the Postgraduate Certificate in Creative Arts shall follow a flexible programme of study, which shall consist of 700-level courses totalling at least 60 credits from the Schedule to the Certificate.
3. Notwithstanding Regulation 2, subject to the approval of the Academic Board or their delegate variation in excess of the limits specified in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates is permitted.

Specialisations

4. The Postgraduate Certificate in Creative Arts is awarded without specialisation.

Completion Requirements

5. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress

7. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Postgraduate Certificate in Creative Arts

<table>
<thead>
<tr>
<th>Code</th>
<th>Title and Code</th>
<th>credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.707</td>
<td>Te Tataitanga Matatau: Advanced Studio Practice</td>
<td>30</td>
</tr>
<tr>
<td>150.725</td>
<td>Rangahau Whakairo: Pre-Thesis Practicum (Part I)</td>
<td>60</td>
</tr>
<tr>
<td>150.726</td>
<td>Rangahau Whakairo: Pre-Thesis Practicum (Part II)</td>
<td>60</td>
</tr>
<tr>
<td>197.701</td>
<td>Creative Research Practices I</td>
<td>30</td>
</tr>
<tr>
<td>197.702</td>
<td>Creative Research Practices II</td>
<td>30</td>
</tr>
<tr>
<td>197.703</td>
<td>Creative Research Special Topic A</td>
<td>30</td>
</tr>
<tr>
<td>197.704</td>
<td>Creative Research Special Topic B</td>
<td>15</td>
</tr>
<tr>
<td>197.705</td>
<td>Independent Study</td>
<td>15</td>
</tr>
<tr>
<td>197.706</td>
<td>Advanced Digital Fabrication for Creative Res 1</td>
<td>15</td>
</tr>
<tr>
<td>197.707</td>
<td>Advanced Digital Fabrication for Creative Res 2</td>
<td>15</td>
</tr>
<tr>
<td>213.702</td>
<td>Postgraduate Studio Practice II</td>
<td>30</td>
</tr>
<tr>
<td>213.703</td>
<td>Special Topic</td>
<td>30</td>
</tr>
<tr>
<td>213.704</td>
<td>Fine Art Theory and Research</td>
<td>30</td>
</tr>
<tr>
<td>213.706</td>
<td>Postgraduate Studio Practice I</td>
<td>30</td>
</tr>
</tbody>
</table>

The Postgraduate Certificate in Education

PGCertEd

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Postgraduate Certificate in Education requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) the Bachelor of Education, or equivalent; or
   (c) any other Bachelor degree or equivalent, and hold a professional qualification in teaching; or
   (d) any other Bachelor degree or equivalent, and have relevant professional experience.

Qualification Requirements

2. Candidates for the Postgraduate Certificate in Education shall follow a flexible programme of study, which shall consist of 700-level courses totalling at least 60 credits from the Schedule to the Certificate.
3. Notwithstanding Regulation 2, subject to the approval of the Academic Board or their delegate variation in excess of the limits specified in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates is permitted.

Specialisations

4. The Postgraduate Certificate in Education is awarded without endorsement.

Completion Requirements

5. The timeframes for completion as outlined in General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress

7. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions

8. All candidates commencing study towards the Postgraduate Certificate in Education on or after 1 January 2016 must satisfy the requirements specified in these regulations.
9. Candidates who commenced study towards the Postgraduate Certificate in Education prior to 1 January 2016 may choose to transfer to these regulations, providing they can satisfy all requirements as specified.
10. In all cases candidates must complete the qualification within the timeframes for completion as specified in the Completion Requirements.

Schedule for the Postgraduate Certificate in Education

<table>
<thead>
<tr>
<th>Code</th>
<th>Title and Code</th>
<th>credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>249.741</td>
<td>Assessment and Planning for Learners with Diverse Needs</td>
<td>30</td>
</tr>
<tr>
<td>249.742</td>
<td>Teaching Methods for Learners with Diverse Needs</td>
<td>30</td>
</tr>
<tr>
<td>249.744</td>
<td>Understanding Learners with Behaviour Difficulties</td>
<td>30</td>
</tr>
<tr>
<td>253.750</td>
<td>Counselling Theory</td>
<td>30</td>
</tr>
<tr>
<td>253.753</td>
<td>Guidance in Education</td>
<td>30</td>
</tr>
<tr>
<td>253.754</td>
<td>Family and Couples Counselling</td>
<td>30</td>
</tr>
<tr>
<td>253.755</td>
<td>Culture and Counselling</td>
<td>30</td>
</tr>
<tr>
<td>254.702</td>
<td>Facing Big Questions in Education</td>
<td>30</td>
</tr>
<tr>
<td>254.706</td>
<td>Advanced Studies in Curriculum Policy and Practice</td>
<td>30</td>
</tr>
<tr>
<td>254.707</td>
<td>Educational Issues Among Pacific Islands Peoples in New Zealand</td>
<td>30</td>
</tr>
<tr>
<td>254.773</td>
<td>Educational Policy Analysis</td>
<td>30</td>
</tr>
<tr>
<td>254.774</td>
<td>Evaluation of Educational Organisations</td>
<td>30</td>
</tr>
<tr>
<td>254.775</td>
<td>Management of Human Resources in Educational Organisations</td>
<td>30</td>
</tr>
<tr>
<td>256.756</td>
<td>Applied Behaviour Analysis for Educators</td>
<td>30</td>
</tr>
<tr>
<td>257.766</td>
<td>Leading TESOL in Diverse Contexts</td>
<td>30</td>
</tr>
<tr>
<td>257.767</td>
<td>Current Issues and Innovations in TESOL Leadership</td>
<td>30</td>
</tr>
<tr>
<td>257.769</td>
<td>Teaching Content to English Language Learners</td>
<td>30</td>
</tr>
<tr>
<td>258.720</td>
<td>Foundations of Literacy Education</td>
<td>30</td>
</tr>
</tbody>
</table>
The Postgraduate Certificate in Educational Administration and Leadership
PGCertEdAdminLead

No new enrolments from 2016

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Eligibility
1. Before enrolling in the PGCert in Educational Administration and Leadership candidates shall:
   (a) have been admitted to a university degree and have been granted admission to postgraduate study as entitled to proceed to the Postgraduate Certificate in Educational Administration and Leadership; and
   (b) have satisfied the Academic Board that they have sufficient background of professional experience to be likely to benefit from the programme.
2. A candidate may not be concurrently admitted to both the Postgraduate Certificate in Educational Administration and Leadership and any other postgraduate qualification in Education with the same endorsement.

Programme of Study
3. A candidate shall follow a programme of study comprising two courses from the following list to a value of 60 credits:
   (a) Compulsory course:
   259.771 Educational Leadership in Action 30
   (b) May choose one from:
   254.774 Evaluation of Educational Organisations 30
   254.775 Management of Human Resources in Educational Organisations 30
   259.772 Theory and Process in Educational Leadership 30
   259.776 Gender Issues and Educational Leadership 30
   259.777 Leadership and Learning in Diverse Contexts 30
   269.711 Policy and Development in Māori Education 30
   267.741 Indigenous Research Methodologies 15
   267.782 Quantitative Research in Education 15
   267.783 Qualitative Research in Education 15
   269.711 Policy and Development in Māori Education 30
   269.733 Mana Motuhake: Contemporary Issues in Māori and Indigenous Education 30
   269.734 Mana Whānau: Whānau Engagement in Education 30
   269.735 Mana Kura: Leadership in Māori Education 30
   269.736 Mana Mātauranga: Indigeneity, Innovation and Information 30
   273.722 Adult Learning: Myths and Realities 30
   273.723 Cultures and Learning: Diversity in Tertiary Education 30
   273.724 The Expert Teacher of Adults: Principles and Practice 30
   273.784 Learning and Teaching in Tertiary Education 30
   273.785 Assessment and Evaluation in Tertiary Education 30
   276.700 Developing Mathematical Inquiry Communities 30
   276.730 Enterprising STEM Education 30
   276.782 Mathematics Education 30
   276.784 Current Issues in Teaching Mathematics 30
   276.785 Making Mathematics Accessible 30
   R 254.785

4. Candidates who have completed the Certificate may apply for entry with credit into the Postgraduate Diploma in Educational Administration and Leadership. Admission will be determined by the entry criteria and requirements for the Postgraduate Diploma in Educational Administration and Leadership and will require the Certificate to be surrendered.

5. A candidate’s programme of study may not exceed three years, unless a period of suspension or extension is approved by the Academic Board.
The Postgraduate Certificate in Educational and Developmental Psychology
PGCertEdDevPsych

No new enrolments until 2019

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Postgraduate Certificate in Educational and Developmental Psychology requires that the candidate will:
   (a) meet the University admission requirements as specified; and shall have:
   (b) been awarded or qualified for a Master’s degree in Education, Psychology, Counselling, Social Work, Speech Language Therapy, or a related relevant discipline, having achieved a grade average of at least a B across all courses, or equivalent; and
   (c) completed at least 60 credits of Academic Board or delegate approved psychology courses including at least 45 credits at 200 level or higher, having achieved a grade average of at least a B; and
   (d) completed sufficient study and research in the area of psychology/educational psychology to be able to satisfy New Zealand Psychologists Board registration requirements; and
   (e) completed at least one year of full time or equivalent part time professional experience in a field relevant to the certificate.

Qualification Requirements
2. Candidates for the Postgraduate Certificate in Educational and Developmental Psychology shall follow a flexible programme of study, which shall consist of courses totalling at least 60 credits, comprising:
   (a) the courses specified in the schedule to the certificate; and including:
   (b) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
3. The Postgraduate Certificate in Educational and Developmental Psychology is awarded without endorsement.

Completion Requirements
4. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
5. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress
6. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Postgraduate Certificate in Educational and Developmental Psychology

<table>
<thead>
<tr>
<th>Subject Code</th>
<th>Subject Name</th>
<th>Credit</th>
<th>Degree Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>256.854</td>
<td>Educational and Developmental Psychology Assessment</td>
<td>30</td>
<td>R 186.747, 186.754, 256.754</td>
</tr>
<tr>
<td>256.855</td>
<td>Educational and Developmental Psychology Practice</td>
<td>30</td>
<td>C 256.854, R 186.748, 186.755, 256.755</td>
</tr>
</tbody>
</table>

The Postgraduate Certificate in Educational Psychology
PGCertEdPsych

No new enrolments from 2019

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Before enrolling for the Postgraduate Certificate in Educational Psychology candidates shall:
   (a) hold a Master’s degree in Education or Psychology with a minimum of a B average or above and have completed approved undergraduate psychology courses to the value of 45 credits with a minimum of a B average or above; and
   (b) have completed sufficient study in educational psychology and research to be able to meet the New Zealand Psychologists Board registration requirements; and
   (c) have been granted admission to postgraduate study as entitled to proceed to the Postgraduate Certificate in Educational Psychology.

Programme Requirements
2. To qualify for the award of the Postgraduate Certificate in Educational Psychology, candidates shall be required to complete 60 credits from the following Schedule:

<table>
<thead>
<tr>
<th>Subject Code</th>
<th>Subject Name</th>
<th>Credit</th>
<th>Degree Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>256.754</td>
<td>Assessment in Educational Psychology</td>
<td>30</td>
<td>R 186.747, 186.754</td>
</tr>
<tr>
<td>256.755</td>
<td>Professional Practice in Educational Psychology</td>
<td>30</td>
<td>R 186.748, 186.756</td>
</tr>
</tbody>
</table>

3. A candidate’s programme of study may not exceed three years, unless a period of suspension or extension is approved by the Academic Board.

The Postgraduate Certificate in Emergency Management
PGCertEmergMgt

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Postgraduate Certificate in Emergency Management requires that the candidate will:
   (a) meet the University admission requirements as specified; and have:
   (b) been awarded or qualified for an undergraduate degree and have at least two years of relevant industry or professional experience, or equivalent; or
   (c) been awarded or qualified for the Graduate Certificate in Emergency Management having achieved at least a B grade average, or equivalent; or
   (d) been awarded or qualified for the Graduate Diploma in Emergency Management having achieved at least a B grade average, or equivalent.
Qualification Requirements
2. Candidates for the Postgraduate Certificate in Emergency Management shall follow a flexible programme of study, which shall consist of 700-level courses from the Schedule to the Qualification totalling at least 60 credits; including attending field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
3. The Postgraduate Certificate in Emergency Management is awarded without endorsement.

Completion Requirements
4. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

5. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

<table>
<thead>
<tr>
<th>Subject courses (60 credits):</th>
</tr>
</thead>
<tbody>
<tr>
<td>130.701 Natural Hazards</td>
</tr>
<tr>
<td>130.702 Coping with Disasters</td>
</tr>
<tr>
<td>130.705 Emergency Management</td>
</tr>
<tr>
<td>130.706 Emergency Management in Practice</td>
</tr>
<tr>
<td>132.751 Natural Hazards and Resilient Communities</td>
</tr>
<tr>
<td>230.703 Techniques and Methods in Evaluation Research</td>
</tr>
</tbody>
</table>

The Postgraduate Certificate in International Development
PGCertIntlDev

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Postgraduate Certificate in International Development requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a Bachelor of Arts with a major in Development Studies, or equivalent; or
   (c) have been awarded or qualified for any Bachelor’s degree and have field or industry experience of an appropriate kind and duration.

Qualification Requirements
2. Candidates for the Postgraduate Certificate in International Development shall follow a flexible programme of study, which shall consist of courses totalling at least 60 credits at 700-level, comprising:
   (a) courses selected from the Schedule to the Certificate; and including
   (b) any compulsory courses.

Specialisations
3. The Postgraduate Certificate in International Development is awarded without endorsement.

The Postgraduate Certificate in International Security
PGCertIntlSy

Qualification Requirements

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Postgraduate Certificate in International Security requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a relevant Bachelor’s degree; or
   (c) be able to demonstrate scholarly work in conjunction with extensive relevant professional experience appropriate for Admission with Equivalent Status.

2. Candidates for the Postgraduate Certificate in International Security shall follow a flexible programme of study, which shall consist of courses totalling at least 60 credits, comprising:
   (a) 149.720 International Security
   (b) 30 credits from Schedule A to the Certificate;
   And including:
   (c) attending field trips, studios, workshops, tutorials, and laboratories as required.

3. Notwithstanding Regulation 2(b), and at the discretion of Academic Board, students exiting the Postgraduate Diploma in International Security or the Master of International Security, may have a personal programme variation approved in excess of stated limits, to meet the requirements of the Postgraduate Certificate in International Security through substitution of courses from the schedules to those degrees.
Specialisation
4. The Postgraduate Certificate in International Security is awarded without endorsement.

Completion Requirements
5. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress
7. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Postgraduate Certificate in International Security

Compulsory course:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>149.720</td>
<td>International Security</td>
<td>30</td>
</tr>
</tbody>
</table>

Schedule A

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>149.701</td>
<td>The New Zealand Strategic Environment</td>
<td>30</td>
</tr>
<tr>
<td>149.704</td>
<td>Leadership, Management and Command</td>
<td>30</td>
</tr>
</tbody>
</table>

The Postgraduate Certificate in Māori and Indigenous Business

PGCertMAIBus

Jointly awarded with Auckland University of Technology, the University of Auckland, the University of Otago, the University of Waikato and Victoria University of Wellington

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission
1. Admission to the Postgraduate Certificate in Māori and Indigenous Business requires that the candidate will meet the University admission requirements as specified, and will:
   (a) have been awarded or qualified for a relevant Bachelor’s degree, or equivalent;
   (b) completed at least two years’ management experience deemed by Academic Board or its delegate to be relevant to the degree; and
   (c) performed at an acceptable level in any tests of academic aptitude and/or interviews prescribed by Academic Board or its delegate;
   OR will:
   (d) have completed at least five years’ management experience deemed by Academic Board or its delegate to be relevant to the degree; and
   (e) have performed at an acceptable level in any tests of academic aptitude and/or interviews prescribed by Academic Board or its delegate;
   OR will:
   (f) have completed extensive relevant practical, professional or scholarly experiences equivalent to the requirements of regulation 1(a) as approved by Academic Board or its delegate.

Qualification Requirements
2. Candidates for the Postgraduate Certificate in Māori and Indigenous Business shall follow a flexible programme of study, which shall consist of courses totalling at least 60 credits comprising:
   (a) courses from the Schedule for the Certificate or equivalent courses offered by partner institutions in the delivery and award of the Certificate; and including:
   (b) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
3. The Postgraduate Certificate in Māori and Indigenous Business is awarded without endorsement.

Completion Requirements
4. The Postgraduate Certificate in Māori and Indigenous Business must be completed within a maximum of two years.
5. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress
6. For candidates enrolled in the Postgraduate Certificate in Māori and Indigenous Business the following will lead to exclusion from the qualification, unless permission to continue is granted by the Board of Studies for Māori and Indigenous Business:
   (a) failure to complete a course in which they have been enrolled on two occasions;
   (b) failure to pass on first attempt more than one course contributing to the certificate;
   (c) failure to complete the Certificate within two years from the date of first enrolment in a course contributing to the qualification.

Schedule for the Postgraduate Certificate in Māori and Indigenous Business

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>291.701</td>
<td>Theories of Learning</td>
<td>15</td>
</tr>
<tr>
<td>291.702</td>
<td>The Māori Economy</td>
<td>15</td>
</tr>
<tr>
<td>291.703</td>
<td>Critical Analysis and Writing</td>
<td>15</td>
</tr>
<tr>
<td>291.704</td>
<td>Decision Making in Business</td>
<td>15</td>
</tr>
<tr>
<td>291.711</td>
<td>Māori in Business 1</td>
<td>15</td>
</tr>
<tr>
<td>291.712</td>
<td>Business Communication</td>
<td>15</td>
</tr>
<tr>
<td>291.713</td>
<td>Process and Project Management</td>
<td>15</td>
</tr>
<tr>
<td>291.714</td>
<td>People Management</td>
<td>15</td>
</tr>
<tr>
<td>291.721</td>
<td>Māori in Business 2</td>
<td>15</td>
</tr>
<tr>
<td>291.722</td>
<td>Marketing</td>
<td>15</td>
</tr>
<tr>
<td>291.723</td>
<td>Innovation and Entrepreneurs</td>
<td>15</td>
</tr>
<tr>
<td>291.724</td>
<td>Finance and Accounting</td>
<td>15</td>
</tr>
</tbody>
</table>
The Postgraduate Certificate in Nursing
PGCertNurs

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Postgraduate Certificate in Nursing requires that the candidate will:
   (a) meet the University admission requirements as specified;
   (b) have been awarded or qualified for a bachelor’s degree or equivalent; and
   (c) be a registered nurse with a practising certificate from the Nursing Council of New Zealand or equivalent.

Qualification Requirements

2. Candidates for the Postgraduate Certificate in Nursing shall follow a flexible programme of study, which shall consist of courses totalling at least 60 credits at 700-level, comprising:
   (a) courses listed in the Schedule for the qualification; and
   (b) any compulsory courses listed in the Schedule for the Qualification; and
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

3. Candidates who have successfully completed a Level 8 postgraduate course as part of a Nursing Council of New Zealand approved Nursing Entry to Practice programme may apply for cross-credit to the Postgraduate Certificate in Nursing. Such candidates will not be eligible to receive the Certificate with an endorsement.

Specialisations

4. The Postgraduate Certificate in Nursing is awarded with or without an endorsement.

5. Candidates may complete an endorsement, as specified in Schedule B for the qualification.

6. Endorsements available are: Mental Health; Neonatal; Older Person’s Health; and Primary Health Care.

Completion Requirements

7. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

8. Candidates may be graduated when they met the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress

9. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Postgraduate Certificate in Nursing

Schedule A: Core courses for the Postgraduate Certificate in Nursing without Endorsement (60 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>168.703</td>
<td>Managing Long-Term Conditions</td>
<td>30</td>
</tr>
<tr>
<td>168.709</td>
<td>Contemporary Clinical Teaching</td>
<td>30</td>
</tr>
<tr>
<td>168.711</td>
<td>Health Research Design and Method</td>
<td></td>
</tr>
<tr>
<td>168.712</td>
<td>Pain Management</td>
<td>30</td>
</tr>
<tr>
<td>168.713</td>
<td>Evidence-Based Practice</td>
<td>30</td>
</tr>
<tr>
<td>168.714</td>
<td>Advanced Assessment and Therapeutic Intervention in Mental Health</td>
<td>30</td>
</tr>
<tr>
<td>168.717</td>
<td>Applied Ethics for Professional Practice</td>
<td>30</td>
</tr>
<tr>
<td>168.719</td>
<td>Clinical Specialty: Older Persons’ Health</td>
<td>30</td>
</tr>
<tr>
<td>168.720</td>
<td>Clinical Specialty: Mental Health</td>
<td>30</td>
</tr>
<tr>
<td>168.721</td>
<td>Māori-Centred Practice</td>
<td>30</td>
</tr>
</tbody>
</table>

Schedule B: Core Courses for the Postgraduate Certificate in Nursing Subject Courses

Mental Health (60 credits)

- Advanced Assessment and Therapeutic Intervention in Mental Health (30)
- Clinical Specialty: Mental Health (30)

Neonatal (60 credits)

- Neonatal Science and Clinical Care of the Neonate I (30)
- Neonatal and Family Assessment and Practice (30)

Older Persons’ Health (60 credits)

- Clinical Specialty: Older Persons’ Health (30)
- Elective course from the Schedule with a 168.7 prefix (30)
- Micro/Macro Ergonomics (30)
- Health Systems Management (30)
- Contemporary Issues in Health Service Management (30)
- Sleep and Circadian Science for Health Practitioners (30)

Primary Health Care (60 credits)

- Primary Health Care Nursing (30)
- Elective courses from the Schedule with a 168.7 prefix (30)
- Micro/Macro Ergonomics (30)
- Health Systems Management (30)
- Contemporary Issues in Health Service Management (30)
- Sleep and Circadian Science for Health Practitioners (30)
Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Postgraduate Certificate in Planning requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a Bachelor’s degree, or equivalent.

2. In all cases, if English is not the applicant’s first language and the admission qualification was not completed at a University where English is the medium of instruction, the applicant shall have achieved an IELTS of at least 7.0 with no band less than 6.0 within the preceding five years.

Qualification Requirements

3. Candidates for the Postgraduate Certificate in Planning shall follow a flexible programme of study, which shall consist of courses totalling at least 60 credits, comprising:
   (a) courses selected from the Schedule to the Certificate; and
   (b) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations

4. The Postgraduate Certificate in Planning is awarded without endorsement.

Completion Requirements

5. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress

7. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Postgraduate Certificate in Planning

<table>
<thead>
<tr>
<th>Subject Code</th>
<th>Subject Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>132.730</td>
<td>Policy Analysis and Evaluation Techniques</td>
<td>30</td>
</tr>
<tr>
<td>132.731</td>
<td>Planning Law</td>
<td>30</td>
</tr>
<tr>
<td>132.732</td>
<td>Planning Theory</td>
<td>30</td>
</tr>
<tr>
<td>132.734</td>
<td>Urban Planning and Development</td>
<td>30</td>
</tr>
<tr>
<td>132.735</td>
<td>Natural Resource Policy and Planning</td>
<td>30</td>
</tr>
<tr>
<td>132.736</td>
<td>Professional Practice</td>
<td>30</td>
</tr>
<tr>
<td>132.738</td>
<td>GIS Principles and Applications</td>
<td>30</td>
</tr>
<tr>
<td>132.739</td>
<td>Assessing Environmental Impacts: Principles and Practice</td>
<td>30</td>
</tr>
<tr>
<td>132.741</td>
<td>Long-Term Community Planning</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>Planning History: From R 132.737 (2008 only)</td>
<td></td>
</tr>
<tr>
<td>132.742</td>
<td>Town Planning to Resource Management</td>
<td>30</td>
</tr>
<tr>
<td>132.751</td>
<td>Natural Hazards and Resilient Communities</td>
<td>30</td>
</tr>
</tbody>
</table>

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II

Admission

1. Admission to the Postgraduate Certificate in Science and Technology requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a Bachelor’s degree in the sciences, technology or engineering with a major in the intended postgraduate subject, or equivalent; or
   (c) have been awarded or qualified for a Bachelor’s degree in the sciences, technology or engineering followed by a Graduate Certificate in Science and Technology comprising approved 300-level courses in the intended postgraduate subject; or
   (d) have been awarded or qualified for any Bachelor’s degree followed by a Graduate Diploma in Science and Technology comprising approved 300-level courses in the intended postgraduate subject; or
   (e) have completed extensive relevant practical, professional or scholarly experience equivalent to the requirements of regulation 1(b) as approved by Academic Board or its delegate; and have performed at an acceptable level in any tests of academic aptitude and/or interviews prescribed by Academic Board or its delegate.

Qualification Requirements

2. Candidates for the Postgraduate Certificate in Science and Technology shall follow a flexible programme of study, which shall consist of courses totalling at least 60 credits, comprising:
   (a) a selection of courses approved by the Academic Board (or its delegate) from the Schedule to the Certificate; and
   (b) attending contact workshops, block courses, field trips, studios, workshops, tutorials and laboratories as required.

Specialisations

4. The Postgraduate Certificate in Science and Technology is awarded without endorsement.

Completion Requirements

5. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress

7. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions

8. All candidates commencing study towards the Postgraduate Certificate in Science and Technology on or after 1 January 2018 must satisfy the requirements specified in these regulations.

9. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the qualification, all candidates who commenced study towards the Postgraduate Certificate in Science prior to 1 January 2018 may complete the Postgraduate Certificate in Science under the 2017 regulations.
The Postgraduate Certificate in Social Work  
**PGCertSW**

### Qualification Regulations

#### Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

#### Part II

**Admission**

1. Admission to the Postgraduate Certificate in Social Work requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for the Bachelor of Social Work or Bachelor of Social Work with Honours or equivalent.

**Qualification Requirements**

2. Candidates for the Postgraduate Certificate in Social Work shall follow a flexible programme of study, which shall consist of courses totalling at least 60 credits at 700-level, comprising courses selected from the Schedule for the Certificate.

3. Notwithstanding Regulation 2, and at the discretion of Academic Board, students exiting the Doctor of Social Work may have a personal programme variation approved in excess of stated limits, to meet the requirements of the Postgraduate Certificate in Social Work through substitution of courses from the schedule to that degree.

**Specialisations**


**Completion Requirements**

5. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.

### The Postgraduate Certificate in Specialist Teaching  
**PGCertSpecTchg**

#### Qualification Regulations

#### Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

#### Part II

**Admission**

1. Admission to the Postgraduate Certificate in Specialist Teaching requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) hold an approved relevant professional qualification; and
   (c) have completed at least one year of relevant professional experience; and
   (d) have been awarded or qualified for a Bachelor’s degree, or equivalent; or
   (e) have completed at least three years of practical/professional experience of acceptable standard in an area relevant to the certificate.

2. Candidates who do not hold current New Zealand professional Registration will be required to undergo police vetting prior to gaining entry into the programme. Such candidates must meet requirements equivalent to those set down by the Education Council of Aotearoa New Zealand for registration as a teacher in terms of character and fitness to be a teacher.

3. All international candidates and others whose first language is not English who have not gained a New Zealand university entrance qualification, or an overseas entrance qualification in a country where the main language is English, will be required to provide evidence of their proficiency in English in the form of an academic IELTS (International English Language Testing System) score of 7.0 with no band less than 7.0, or equivalent.

### Schedule for the Postgraduate Certificate in Social Work  
**PGCertSW**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>179.702</td>
<td>Advanced Research Methods</td>
<td>30</td>
</tr>
<tr>
<td>179.711</td>
<td>Special Topic</td>
<td>30</td>
</tr>
<tr>
<td>179.736</td>
<td>Substance Misuse and Addictions</td>
<td>30</td>
</tr>
<tr>
<td>179.740</td>
<td>Social Service Supervision: Theory and Practice</td>
<td>30</td>
</tr>
<tr>
<td>179.741</td>
<td>Social Service Management</td>
<td>30</td>
</tr>
<tr>
<td>179.742</td>
<td>Learning in Social Service Supervision</td>
<td>30</td>
</tr>
<tr>
<td>179.743</td>
<td>Clinical Supervision</td>
<td>30</td>
</tr>
<tr>
<td>179.761</td>
<td>Current Issues and Theories in Social Service Practice</td>
<td>30</td>
</tr>
<tr>
<td>179.763</td>
<td>Clinical Practice</td>
<td>30</td>
</tr>
<tr>
<td>179.771</td>
<td>Child Welfare</td>
<td>30</td>
</tr>
<tr>
<td>179.773</td>
<td>Disability Studies</td>
<td>30</td>
</tr>
<tr>
<td>179.777</td>
<td>Disability, Consumer Rights and Advocacy</td>
<td>30</td>
</tr>
<tr>
<td>179.778</td>
<td>Mental Health and Social Work</td>
<td>30</td>
</tr>
<tr>
<td>179.783</td>
<td>Maori Development and the Social Services</td>
<td>30</td>
</tr>
<tr>
<td>279.703</td>
<td>Social Policy Studies</td>
<td>30</td>
</tr>
</tbody>
</table>
Qualification Requirements
4. Candidates for the Postgraduate Certificate in Specialist Teaching shall follow a flexible programme of study, which shall consist of courses totalling at least 60 credits, comprising:
   (a) courses from the Schedule to the Certificate; and including:
   (b) any compulsory courses listed in the Schedule to the Certificate;
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials and laboratories as required.
5. Notwithstanding Regulation 4, and with the approval of Academic Board or their delegate, a candidate who has been awarded or qualified for the Postgraduate Diploma in Specialist Teaching or Master of Specialist Teaching may be permitted variation to the specified programme of study for the Postgraduate Certificate in Specialist Teaching beyond the normal limits.

Specialisations
6. The Postgraduate Certificate in Specialist Teaching is awarded without endorsement.

Completion Requirements
7. The timeframes for completion as outlined in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates will apply.
8. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

The Postgraduate Certificate in Speech and Language Therapy
PGCertSpchLangTher

Qualification Regulations
Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Postgraduate Certificate in Speech and Language Therapy requires that the candidate will:
   (a) meet the University admission requirements as specified; and shall have:
   (b) been awarded or qualified for either the Bachelor of Speech and Language Therapy or the Bachelor of Speech and Language Therapy with Honours or equivalent having achieved a grade average of at least a B.

Qualification Requirements
2. Candidates for the Postgraduate Certificate in Speech and Language Therapy shall follow a flexible programme of study, which shall consist of courses totalling at least 60 credits from the Schedule to the Certificate.

Unsatisfactory Academic Progress
9. For candidates enrolled in the Postgraduate Certificate in Specialist Teaching the following will lead to exclusion from the qualification:
   (a) failure to complete a course in two successive attempts;
   (b) failure to complete the Postgraduate Certificate in Specialist Teaching within two years.

Schedule for the Postgraduate Certificate in Specialist Teaching
Compulsory course (30 credits):
254.765 Core Theory and Foundations of Specialist Teaching 30

Elective courses
30 credits from:
249.745 Theory and Foundations of Autism Spectrum Disorder 30
249.746 Theory and Foundations of Blind and Low Vision Education 30
249.753 Theory and Foundations of Learning and Behaviour Diversity 30
249.760 Theory and Foundations of Complex Educational Needs 30
262.751 Theory and Foundations of Gifted and Talented Education 30

The Postgraduate Certificate in Tertiary Teaching and Learning
PGCertTTL

Qualification Regulations
Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Admission
1. Admission to the Postgraduate Certificate in Tertiary Teaching and Learning requires that the candidate will:
   (a) meet the University admission requirements as specified; and shall have:
   (b) been awarded or qualified for a Bachelor’s degree, or equivalent;
   (c) have completed at least 6 months of full time relevant professional experience, or equivalent; and
   (d) have access to tertiary level learners and/or teaching contexts during all academic periods while enrolled in the Certificate.

Qualification Requirements
2. Candidates for the Postgraduate Certificate in Tertiary Teaching and Learning shall follow a flexible programme of study, which shall consist of courses totalling at least 60 credits, comprising:
   (a) the compulsory courses listed in the Schedule for the Postgraduate Certificate in Tertiary Teaching and Learning; and including:
   (b) attending contact workshops, block courses, field trips, studios, workshops, tutorials and laboratories as required.
3. Notwithstanding Regulation 2, and with the permission of Academic Board or their delegate, substitution of a relevant course from the Master of Education schedule for the compulsory course 273.785 may be permitted.

Specialisations
4. The Postgraduate Certificate in Tertiary Teaching and Learning is awarded without endorsement.

Completion Requirements
5. A candidate’s programme of study may not exceed two years from the date of first enrolment in a course to be credited to the Postgraduate Certificate in Tertiary Teaching and Learning.
6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Upsatisfactory Academic Progress
7. The general Unsatisfactory Academic Progress regulations will apply.

Transition Arrangements
8. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in Part I of the Certificate regulations, candidates who enrolled in the Postgraduate Certificate in Tertiary Teaching and have completed at least 30 credits prior to 1 January 2018 may choose to graduate under that qualification title.

Schedule for the Postgraduate Certificate in Tertiary Teaching and Learning

Compulsory courses (60 credits):
- 273.784 Learning and Teaching in Tertiary Education 30
- 273.785 Assessment and Evaluation in Tertiary Education 30

The Postgraduate Certificate in Whānau Development

PGCertWhānauDev

No new enrolments from 2017

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates.

Part II
Eligibility
1. Before enrolment, a candidate for the PGCertWhānauDev shall have;
   (a) satisfied the requirements for a Bachelor’s degree in a relevant discipline; or
   (b) (i) been admitted with equivalent status as eligible to proceed to the Postgraduate Certificate; and
   (ii) have relevant work in a related area to whānau development within three years of application for admission.

Programme of Study
3. A candidate’s programme of study shall not exceed three calendar years of part-time study for the PGCertWhānauDev, unless a specified time of suspension or extension is approved by the Academic Board.

Schedules to the Postgraduate Certificate in Whānau Development

150.722 Te Tū Whānau: Whānau and Society 30
150.723 Ngā Momo Whānau: Whānau Form and Function 30
GRADUATE DIPLOMAS

The Graduate Diploma in Applied Statistics .................................. 323
The Graduate Diploma in Arts ..................................................... 324
The Graduate Diploma in Aviation ................................................. 330
The Graduate Diploma in Business Studies .................................... 331
The Graduate Diploma in Design .................................................. 335
The Graduate Diploma in Emergency Management ....................... 337
The Graduate Diploma in Environmental Health ............................ 338
The Graduate Diploma in Fine Arts .............................................. 339
The Graduate Diploma in Information Sciences ............................. 339
The Graduate Diploma in Journalism Studies ............................... 342

The Graduate Diploma in Logistics and Supply Chain Management ...... 342
The Graduate Diploma in Occupational Health and Safety ............... 343
The Graduate Diploma in Quality Systems* ................................ 343
The Graduate Diploma in Rural Studies* .................................... 344
The Graduate Diploma in Science and Technology ......................... 346
The Graduate Diploma of Teaching (Early Childhood Education) ....... 349
The Graduate Diploma of Teaching (Primary) ............................... 350
The Graduate Diploma of Teaching (Secondary) ............................ 351
The Graduate Diploma in Technology* ....................................... 352

* No new enrolments

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission
1. Admission to the Graduate Diploma in Applied Statistics requires that the candidate will meet the University admission requirements as specified, and shall have:
   (a) been awarded or qualified for the award of a university degree; and
   (b) passed approved 100 level courses in Mathematics and Statistics (160.1xx or 228.171; and one of 161.120 Introductory Statistics, 161.130 Introductory Biostatistics, 161.101 Statistics for Business, or their equivalents).

Qualification Requirements
2. Candidates for the Graduate Diploma in Applied Statistics shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) courses selected from the Schedule to the Qualification;
   (b) at least 120 credits at 200 level or higher, of which at least 75 credits must be at 300 level or higher;
   and including:
   (c) the compulsory courses listed in the Schedule for the Qualification;
   (d) 45 credits from Group A courses;
   (e) at least 75 credits from Group B and Group C courses;
   (f) no more than 30 credits from Group C courses;
   (g) attending field trips, studios, workshops, tutorials, and laboratories as required.
3. Notwithstanding Regulation 2, and with the permission of the Programme Director, up to 30 credits from Groups A or B may be substituted with appropriate alternative courses, including 700 level courses.

Specialisations
4. The Graduate Diploma in Applied Statistics is awarded without specialisation.

Student Progression
5. In order to progress to courses in Group C candidates must have successfully completed at least 30 credits from Group B courses, and have achieved at least a B+ grade average over all courses previously completed towards the Graduate Diploma in Applied Statistics, in addition to meeting the pre-requisites for the selected course.
6. In cases of sufficient merit, the Graduate Diploma in Applied Statistics may be awarded with distinction.

The Graduate Diploma in Applied Statistics
GradDipApplStat

Completion Requirements
7. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.
8. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Graduate Certificate in Science and Technology should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
9. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Graduate Diploma in Applied Statistics

Group A
Compulsory Group A courses (30 credits)

161.200 Statistical Models 15 P 160.1xx or 228.171 and one of 115.101, 161.100–161.130; R 161.231
161.221 Applied Linear Models 15 P One of 115.101, or 161.100–161.130; R 161.320

Group A course selection
15 credits from:

161.220 Data Analysis 15 P One of 115.101, 161.100–161.130; R 161.250
161.223 Introduction to Data Mining 15 P One of 115.101, 161.100–161.130; R 161.324, 161.326, 161.777
161.250 Data Analysis for Biologists 15 P One of 115.101, 161.100–161.130; R 161.220

Group B

161.304 Advanced Statistical Modelling 15 P 161.200
161.321 Sampling and Experimental Design 15 P One of 161.2xx; R 161.322
161.322 Design and Analysis of Surveys and Experiments 15 P One of 161.2xx; R 161.775, 161.321 and 161.331
161.323 Multivariate Analysis 15 P One of 161.2xx
161.324 Data Mining 15 P 161.220 or 161.221 or 161.250; R 161.223, 161.777
161.327 Generalised Linear Models 15 P 161.221 and one of 160.1xx; R 161.726
161.331 Biostatistics 15 P 161.220 or 161.221 or 161.250
161.342 Forecasting and Time Series 15 P 161.220 or 161.221 or 161.250
161.300 Special Topic 15
The Graduate Diploma in Arts
GradDipArts

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Graduate Diploma in Arts requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a Bachelor’s Degree or an equivalent.

Qualification Requirements

2. Candidates for the Graduate Diploma in Arts shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) at least 120 credits at the 200 or 300 level from the Schedule to the Diploma;
   (b) at least 75 credits at 300 level.

3. Notwithstanding Regulation 2, with the approval of Academic Board or their delegate, a candidate who has completed at least 30 credits at 200 level and 30 credits at 300 level towards a Graduate Diploma in Arts subject may be permitted to include up to 30 credits at the 700 level from the Bachelor of Arts (Honours), Postgraduate Diploma in Arts or Master of Arts Schedules.

Specialisations

4. The Graduate Diploma in Arts may be awarded with or without an endorsement.

5. Candidates may complete the diploma without an endorsement only with the prior approval of a coherent programme of study by the Academic Board or their delegate.

6. Candidates may complete an endorsement by passing at least 90 credits in a subject area including:
   (a) at least 60 credits at 300 level;
   (b) any compulsory courses for the endorsement as listed in the schedule. The requirements for each endorsement are set out in the Schedule for the Qualification.


Completion Requirements

8. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements.

Unsatisfactory Academic Progress

10. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Arrangements

11. Candidates enrolled in the Graduate Diploma in Arts who have completed at least 30 credits towards the English endorsement prior to 01 January 2017 may substitute a course from the List A courses for the compulsory course 139.239. These transitional arrangements expire on 31 December 2019.

12. Candidates who completed courses towards the Graduate Diploma in Arts Asian Studies Endorsement prior to January 2017 may be permitted variation in excess of the stated limits in order to include these courses in the Endorsement. These transition arrangements expire 31 December 2019.

13. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates enrolled in the Graduate Diploma in Arts who have passed at least 15 credits towards a Māori Studies endorsement prior to 1 January 2017 may be permitted to substitute any course already completed towards the endorsement for a course at the same level included in the Māori Studies Schedule, including compulsory courses. These transitional provisions expire on 31 December 2019.

14. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the diploma, candidates enrolled in the Graduate Diploma in Arts prior to 1 January 2018 who have completed at least 30 credits towards the Education endorsement may be permitted variation in excess of the stated limits in order to complete the requirements of the endorsement. These transitional arrangements expire on 31 December 2020.

15. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates enrolled in the Graduate Diploma in Arts who have passed at least 15 credits towards a History or New Zealand Studies endorsement prior to 1 January 2018 may be permitted to substitute any course already completed towards the endorsement for a course at the same level included in the History or New Zealand Studies Schedule, including compulsory courses. These transitional provisions expire on 31 December 2020.

16. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates enrolled in the Graduate Diploma in Arts who have passed at least 15 credits towards a Defence Studies endorsement prior to 1 January 2018 may be permitted to substitute any course already completed towards the endorsement for a course at the same or higher level included in the Defence Studies Schedule. These transitional provisions expire on 31 December 2020.

17. Candidates enrolled in the Graduate Diploma in Arts prior to 1 January 2018 who have completed at least 15 credits towards the Social Policy endorsement may be permitted variation in excess of the stated limits in order to complete the requirements of the endorsement. These transitional arrangements expire on 31 December 2020.

Schedule for the Graduate Diploma in Arts
Endorsement courses

Asian Studies
Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Subject Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>134.221</td>
<td>East Asian Philosophy</td>
<td>15</td>
</tr>
<tr>
<td>241.207</td>
<td>Chinese Diaspora</td>
<td>15</td>
</tr>
<tr>
<td>241.208</td>
<td>Contemporary Chinese Society in Literature and Film</td>
<td>15 R 241.203, 241.204</td>
</tr>
<tr>
<td>242.205</td>
<td>Japanese Cinema</td>
<td>15 R 241.227</td>
</tr>
<tr>
<td>134.221</td>
<td>Māori Philosophy</td>
<td>15 P Any 200-level 134 prefix course</td>
</tr>
<tr>
<td>146.302</td>
<td>Regional Ethnography: Asia</td>
<td>15</td>
</tr>
<tr>
<td>146.311</td>
<td>Medical Systems of China, India and the West</td>
<td>15</td>
</tr>
<tr>
<td>146.316</td>
<td>Visual Anthropology: Southasia and Global Issues</td>
<td>15</td>
</tr>
</tbody>
</table>

Chinese
Compulsory course:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Subject Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>241.208</td>
<td>Contemporary Chinese Society in Literature and Film</td>
<td>15 R 241.203, 241.204</td>
</tr>
</tbody>
</table>
Subject courses:

241.207 Chinese Diaspora 15
241.301 Chinese 3A 15 P 241.202 or appraisal required; R 241.302
241.302 Chinese 3B 15 P 241.301 or appraisal required; R 241.302
241.303 Contrastive Study of Chinese and English 15 P 241.301 and 241.302 or appraisal required; R 169.344
241.305 Translation from and into Chinese 15 P 241.301 and 241.302 or appraisal required; R 169.345
241.395 Individual Research Project in Chinese Studies 15 P Resource approval required; R 169.397

Classical Studies

201.201 The Pursuit of Happiness in the Classical World 15
201.211 Love and Sexuality in Ancient Greece 15
201.216 The Trojan War 15
201.218 Greek and Roman Religion 15
201.219 Greek Art and Society 15
201.220 Roman Art and Society 15
201.230 Ancient Multiculturalism: Egypt, Greece and Rome 15
201.313 Myth and Greek Tragedy 15
201.314 Imperial Rome 15
201.316 Leaders and Leadership in the Classical World 15
201.318 Greek and Roman Religion 15
201.319 Greek Art and Society 15
201.320 Roman Art and Society 15

Creative Writing

Compulsory courses:

139.280 Writing Creative Non-Fiction 15 R 139.327
139.380 Creative Writing Capstone: Building the Manuscript 15 P Any 200-level Creative Writing course

Elective courses:

139.223 Creative Processes 15
139.224 Making Plays for Theatre 15
139.225 Writing for Children 15
139.229 Writing Poetry 15 P 139.123 or 139.133
139.255 Fiction Writing 15
139.323 Script Writing 15 P Any 200-level BA course; or any one of 206.206, 206.207, 237.230, 219.202, 219.204, 219.231
139.326 Travel Writing 15 P 139.123 or 139.133 or any 200-level 139-prefix course.
139.329 Advanced Fiction Writing 15 P 139.123 or 139.133 or any 200-level 139-prefix course.
139.333 Creativity in the Community 15 P Any one of 139.123, 139.104, 139.133, 139.204 or 139.223
139.340 The Publishing Project 15 P Any 200-level course with a 139 prefix course or 219.202
139.381 Advanced Studies in Creative Writing 15
139.386 Life Writing 15 R 139.226

Defence Studies

149.215 Emerging Issues in Defence Studies 15 P 149.115

149.245 Irregular Warfare 15
149.255 Conventional Warfare 15
149.265 Maritime Strategy 15
149.300 Current Issues in Command Studies 15
149.315 Strategic Issues in Defence Studies 15
149.325 International Peacekeeping 15
149.335 Law of Armed Conflict 15
149.350 The History of Defence and Security Intelligence 15
149.360 Defence and Security Technology 15 P 149.151 or 149.180
200.301 Contemporary International Conflict 15

Development Studies

Compulsory courses:

131.221 Global Development Issues 15
131.321 Strategies for Sustainable Development 15

At least 15 credits from

150.213 Tikanga-ā-Iwi: Tribal Development 15 P 150.114 or 146.101; nil for GDipMaoriDevpt; nil for GradDipArts
145.311 Geographies of Globalisation 15
146.318 Environmental Anthropology 15

Subject courses:

145.218 Development and Inequality 15
176.219 The Transformation of the Pacific: Central Themes 15
200.201 Middle Eastern Politics 15
121.311 Global Environmental Issues 15 P 121.103
146.313 Issues in South Pacific Anthropology 15
176.309 Development and Social Change: Contemporary Issues 15
176.323 The Transformation of the Pacific: Contemporary Issues 15
179.330 Māori Development and the Social Services 15
200.301 Contemporary International Conflict 15

Economics

Compulsory courses:

178.200 Intermediate Macroeconomics 15 P 178.100
178.201 Intermediate Microeconomics 15 P 115.108 or 115.113

At least 15 credits from

178.300 Advanced Macroeconomics 15 P 178.200
178.380 Natural Resource and Environmental Economics 15 P Any 100-level Economics course
178.370 Development Economics 15

Subject courses:

178.221 Methods of Economic Analysis 15 P 115.106 or 115.113 or 178.1xx course
178.242 Land Economics 15 P Any 178.1xx course or 115.106 or 115.113
178.250 Contemporary Economic Issues 15
178.280 Introduction to Econometrics 15 P 161.101 or 115.101; and 115.103 or 115.106 or 115.114
178.301 Advanced Microeconomics 15 P 178.201
178.328 Project Evaluation 15 P Any 178.1xx course
178.352 Survey of International Economics 15 P 178.200, 178.201, and either 178.250 or 178.280; and P/C either 178.300 or 178.301; R 178.350
### Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisite</th>
<th>Corequisite</th>
<th>Restriction</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Compulsory courses</strong>:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>249.286 Equity and Diversity in Education</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>254.201 Philosophy of Education</td>
<td>15</td>
<td></td>
<td>R 187.201</td>
<td></td>
</tr>
<tr>
<td>254.202 Sociologically Imagining Education</td>
<td>15</td>
<td></td>
<td>R 187.203</td>
<td></td>
</tr>
<tr>
<td>254.210 Historical Perspectives on Education</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>258.201 Educational Psychology</td>
<td>15</td>
<td>R 189.201, 188.230</td>
<td></td>
<td></td>
</tr>
<tr>
<td>263.200 Teaching as an Act of Influencing Others</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>269.274 Treaty of Waitangi: Implications for Education</td>
<td>15</td>
<td></td>
<td>R 150.201</td>
<td></td>
</tr>
<tr>
<td>275.203 Development in Childhood</td>
<td>15</td>
<td>P 275.102</td>
<td></td>
<td></td>
</tr>
<tr>
<td>275.208 Development in Adolescence</td>
<td>15</td>
<td>P 275.102, R 208.208, 208.308, 209.308</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>At least 60 credits from:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>254.304 Critical Theories of Education</td>
<td>15</td>
<td>R 187.304, 278.383</td>
<td></td>
<td></td>
</tr>
<tr>
<td>254.336 Learning in the Digital World</td>
<td>15</td>
<td>R 186.336</td>
<td></td>
<td></td>
</tr>
<tr>
<td>254.337 Teaching and Learning with Pasifika Peoples in NZ</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>254.340 Politics of Education</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>263.301 Learning and Motivation</td>
<td>15</td>
<td>P Any 200-level course from Education</td>
<td></td>
<td></td>
</tr>
<tr>
<td>263.315 Teaching and Learning in Everyday Settings</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>267.390 Educational Research Literacy</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>269.332 Māori Issues in Education</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>275.304 Development of Gender</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>275.320 Risk and Resilience Across the Lifespan</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>276.330 Mathematics and Literacy in Society</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Educational Psychology</strong>:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Compulsory courses</strong>:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>175.203 Introduction to Psychological Research</td>
<td>15</td>
<td>P 175.102</td>
<td></td>
<td></td>
</tr>
<tr>
<td>256.201 Educational Psychology</td>
<td>15</td>
<td>R 186.201, 188.230</td>
<td></td>
<td></td>
</tr>
<tr>
<td>175.306 Assessment of Individual Differences</td>
<td>15</td>
<td>P 175.203</td>
<td></td>
<td></td>
</tr>
<tr>
<td>258.303 Sustainable Learning</td>
<td>15</td>
<td>P 256.201</td>
<td></td>
<td></td>
</tr>
<tr>
<td>258.304 Positive Behaviour for Learning</td>
<td>15</td>
<td>P 256.201</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Subject courses</strong>:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>243.384 Consultation and Collaboration in Inclusive Education</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>258.301 Language, Literacy and Cognitive Development</td>
<td>15</td>
<td>P Any 200-level Education course</td>
<td></td>
<td></td>
</tr>
<tr>
<td>263.301 Learning and Motivation</td>
<td>15</td>
<td>P Any 200-level Education course</td>
<td></td>
<td></td>
</tr>
<tr>
<td>263.331 Assessment and Learning</td>
<td>15</td>
<td>R 186.331</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>English</strong>:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>An endorsement consists of 90 credits in English, including:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>139.239 at least 45 credits from the List A endorsement courses;</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>at least 60 credits at 300 level; and 30 credits at any level from the</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>English schedule.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Compulsory course</strong>:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>139.239 Literary Landmarks: Words that Changed the World</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>List A endorsement courses</strong>:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>241.208 Contemporary Chinese Society in Literature and Film</td>
<td>15</td>
<td>R 241.203, 241.204</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### History

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>148.217</td>
<td>Victoria’s World</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>148.218</td>
<td>The Vikings</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>148.220</td>
<td>The Second World War</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>148.221</td>
<td>Black Death and Other Plagues, 1300-1700</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>148.241</td>
<td>Revolution, Rights and the Atlantic World, 1763 to 1848</td>
<td>15</td>
<td>R 148.208</td>
</tr>
<tr>
<td>148.242</td>
<td>The Age of Jihad and Crusade</td>
<td>15</td>
<td>R 135.211, 148.212, 148.223</td>
</tr>
<tr>
<td>148.243</td>
<td>The Sixties: Sex and Drugs and Rock and Roll?</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>148.244</td>
<td>The Great War 1914-1918: A Military and Social History</td>
<td>15</td>
<td>R 148.220, 148.251</td>
</tr>
<tr>
<td>148.245</td>
<td>Māori and Colonisation</td>
<td>15</td>
<td>R 148.337</td>
</tr>
<tr>
<td>148.246</td>
<td>Iwi History</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>148.248</td>
<td>Reformers, Radicals and Revolutionaries: Protest in New Zealand</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>148.308</td>
<td>New Zealand Military History: 1899 to 2001</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>148.309</td>
<td>The New Zealand Wars</td>
<td>15</td>
<td>R 148.204</td>
</tr>
<tr>
<td>148.310</td>
<td>The Tudors and the Reformation</td>
<td>15</td>
<td>R 148.216</td>
</tr>
<tr>
<td>148.316</td>
<td>New Zealand Between the Wars</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>148.317</td>
<td>New Zealand Religious History</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>148.333</td>
<td>Napoleonic Wars</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>148.334</td>
<td>Sports History</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>148.339</td>
<td>Court Culture in Late Medieval Europe</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

### Japanese

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>242.203</td>
<td>Japanese Language and Society</td>
<td>15</td>
<td>P 242.201 or appraisal required</td>
</tr>
<tr>
<td>242.205</td>
<td>Japanese Cinema</td>
<td>15</td>
<td>R 169.227</td>
</tr>
<tr>
<td>242.301</td>
<td>Japanese 3A</td>
<td>15</td>
<td>P 242.202 or appraisal required; R 242.302</td>
</tr>
<tr>
<td>242.302</td>
<td>Japanese 3B</td>
<td>15</td>
<td>P 242.301 or appraisal required</td>
</tr>
<tr>
<td>242.304</td>
<td>Reading and Writing about Current Japan</td>
<td>15</td>
<td>P 242.202 or appraisal required</td>
</tr>
<tr>
<td>242.305</td>
<td>Readings in Modern Japanese Literature</td>
<td>15</td>
<td>P 242.202 or appraisal required</td>
</tr>
<tr>
<td>242.306</td>
<td>Japanese Linguistics</td>
<td>15</td>
<td>P 242.202 or appraisal required</td>
</tr>
<tr>
<td>242.307</td>
<td>Japanese–English Translation Techniques</td>
<td>15</td>
<td>P 242.301 or appraisal required</td>
</tr>
<tr>
<td>242.308</td>
<td>Individual Research Project in Japanese Studies</td>
<td>15</td>
<td>P Resource approval required</td>
</tr>
</tbody>
</table>

### Linguistics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>172.232</td>
<td>Language and Society in New Zealand</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>172.233</td>
<td>Language Learning Processes</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>172.234</td>
<td>Phonetics</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>172.235</td>
<td>Linguistic Analysis of the English Language</td>
<td>15</td>
<td>R 172.231</td>
</tr>
<tr>
<td>172.236</td>
<td>Forensic Linguistics</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>172.237</td>
<td>Language, Discourse and Power</td>
<td>15</td>
<td>R 172.132</td>
</tr>
<tr>
<td>172.239</td>
<td>Language and Culture</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>172.330</td>
<td>Sounds and Structures</td>
<td>15</td>
<td>P 172.235, R 172.331, 172.332</td>
</tr>
</tbody>
</table>

### Mathematics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.203</td>
<td>Calculus</td>
<td>15</td>
<td>P 160.101 or 160.112 or 160.133 or 228.172</td>
</tr>
<tr>
<td>160.204</td>
<td>Differential Equations I</td>
<td>15</td>
<td>P 160.101 or 160.112 or 160.133 or 228.172</td>
</tr>
<tr>
<td>160.211</td>
<td>Linear Algebra</td>
<td>15</td>
<td>P 160.101 or 160.112 or 160.133 or 228.172</td>
</tr>
<tr>
<td>160.212</td>
<td>Discrete Mathematics</td>
<td>15</td>
<td>P 160.101 or 160.112 or 160.133 or 228.172</td>
</tr>
<tr>
<td>161.200</td>
<td>Statistical Models</td>
<td>15</td>
<td>P 160.1xx or 228.171 and one of 115.101, 161.100–161.130, R 161.231</td>
</tr>
<tr>
<td>160.301</td>
<td>Analysis</td>
<td>15</td>
<td>P 160.203</td>
</tr>
<tr>
<td>160.302</td>
<td>Algebra</td>
<td>15</td>
<td>P 160.212</td>
</tr>
<tr>
<td>160.314</td>
<td>Combinatorics</td>
<td>15</td>
<td>P 160.212</td>
</tr>
<tr>
<td>160.318</td>
<td>Differential Equations II</td>
<td>15</td>
<td>P 160.203, 160.204</td>
</tr>
<tr>
<td>160.319</td>
<td>Mathematical Modelling</td>
<td>15</td>
<td>P 160.204, 168.211</td>
</tr>
<tr>
<td>160.320</td>
<td>Mathematics in Education</td>
<td>15</td>
<td>P 160.2xx</td>
</tr>
<tr>
<td>160.380</td>
<td>Project</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

### Media Studies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>139.275</td>
<td>Gothic</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>154.201</td>
<td>Television Studies</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

### Māori Studies

**Compulsory courses (30 credits):**

- Te Kawanata o Waitangi: The Treaty of Waitangi in New Zealand Society [15 credits]
- Te Reo Tōrangapū: Political Te Reo [15 credits]

**Compulsory courses**

- At least 15 credits from:
  - Māori and Colonisation [15 credits]
  - Hauora Tangata: Māori Health Foundations [15 credits]
  - Mana Māori: Māori and Politics [15 credits]
  - Tikanga-a-Iwi: Tribal Development [15 credits]
  - He Huarahi Rangahau: Māori and Research [15 credits]

- At least 75 credits from:
  - Te Mana Te Kāwanatanga: Māori Policy and the State [15 credits]
  - Planning for Māori Health [15 credits]
  - Mana Mātāwhinerata: Māori and Politics [15 credits]
  - Te Ao Hurihuri: Contemporary Māori Issues [15 credits]
  - 269.332: Māori Issues in Education [15 credits]

### Subject courses:

- Ngā Hanga Whakairo: Traditional Māori Visual Art [15 credits]
- Kura Mai Tawhiti: Māori Knowledge [15 credits]
- Ngā Momo Whakairo: Contemporary Māori Visual Art [15 credits]
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>134.203</td>
<td>Ethics</td>
<td>15</td>
<td>R 134.303</td>
</tr>
<tr>
<td>134.204</td>
<td>Aesthetics</td>
<td>15</td>
<td>R 134.304</td>
</tr>
<tr>
<td>134.205</td>
<td>Logic</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>134.207</td>
<td>International Justice</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>134.208</td>
<td>Philosophy of Science</td>
<td>15</td>
<td>R 134.308</td>
</tr>
<tr>
<td>134.215</td>
<td>Asian Philosophies</td>
<td>15</td>
<td>P Any 100-level BA course; R 134.315</td>
</tr>
<tr>
<td>134.216</td>
<td>Modern Philosophy</td>
<td>15</td>
<td>R 134.316</td>
</tr>
<tr>
<td>134.218</td>
<td>Environmental Philosophy</td>
<td>15</td>
<td>R 134.318</td>
</tr>
<tr>
<td>134.220</td>
<td>Business and Professional Ethics</td>
<td>15</td>
<td>R 134.219, 134.319, 134.320</td>
</tr>
<tr>
<td>134.221</td>
<td>East Asian Philosophy</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>200.215</td>
<td>Political Theory from Plato to Marx</td>
<td>15</td>
<td>P Any 200-level 134-prefix course; R 134.202</td>
</tr>
<tr>
<td>134.302</td>
<td>Metaphysics</td>
<td>15</td>
<td>P Any two 200-level courses, at least one of which is in Philosophy; R 134.203</td>
</tr>
<tr>
<td>134.303</td>
<td>Ethics</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>134.305</td>
<td>Meta-ethics</td>
<td>15</td>
<td>P Any 200-level 134-prefix course</td>
</tr>
<tr>
<td>134.308</td>
<td>Philosophy of Science</td>
<td>15</td>
<td>R 134.208</td>
</tr>
<tr>
<td>134.309</td>
<td>Ancient Philosophy</td>
<td>15</td>
<td>P Any 200-level 134-prefix course or 201.201; R 134.209</td>
</tr>
<tr>
<td>134.310</td>
<td>Philosophy of Literature</td>
<td>15</td>
<td>R 134.210</td>
</tr>
<tr>
<td>134.312</td>
<td>Epistemology: Seeing and Knowing</td>
<td>15</td>
<td>P Any 200-level 134-prefix course; R 134.212</td>
</tr>
<tr>
<td>134.317</td>
<td>Recent and Contemporary Philosophy</td>
<td>15</td>
<td>R 134.217</td>
</tr>
<tr>
<td>134.321</td>
<td>Indian Philosophy</td>
<td>15</td>
<td>P Any 200-level 134-prefix course</td>
</tr>
<tr>
<td>200.315</td>
<td>Contemporary Political Thought</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

**Politics**

**Compulsory courses:**
- At least 30 credits from:
  - 200.201 Middle Eastern Politics 15
  - 200.215 Political Theory from Plato to Marx 15
  - 200.261 World Politics 15
- At least 45 credits from:
  - 200.301 Contemporary International Conflict 15
  - 200.302 Israel/Palestine and the Arab World 15
  - 200.303 Democratic Politics 15
  - 200.315 Contemporary Political Thought 15
  - 200.361 Contemporary New Zealand Politics 15

**Psychology**

**Compulsory course:**
- 175.203 Introduction to Psychological Research 15 P 175.102

**Subject courses:**
- 175.201 Social Psychology 15
- 175.205 Brain and Behaviour 15 P 175.102
- 175.206 Memory and Cognition 15 P 175.102
- 175.210 Taha Hineungaro: Bicultural Perspectives in Psychology 15 R 175.312
- 175.301 Community Psychology 15 P 175.203
- 175.302 Abnormal and Therapeutic Psychology 15 P 175.203
- 175.303 The Practice of Psychological Research 15 P 175.203
- 175.304 The Psychology of Security 15
- 175.305 Assessment of Individual Differences 15 P 175.203
- 175.309 Forensic Psychology 15 P 175.203
- 175.311 Psychology of Women 15 P 175.203
Security Studies

Compulsory courses (60 credits):

149.280 Security Issues in the Asia-Pacific 15 P 149.180
149.380 Strategy and Security 15 P 149.280
149.381 Terrorism and Political Violence 15
149.385 Security and the Law 15

Subject courses:

149.271 The Security of Global Trade 15
149.272 Intelligence in the Security Environment 15
149.295 Security in the Information Age 15
200.261 World Politics 15
149.350 The History of Defence and Security Intelligence 15
149.380 Defence and Security Technology 15 P 149.151 or 149.180
149.370 Psychology of Evidence in the Security Environment 15
149.382 Biosecurity Theory and Practice 15
175.304 The Psychology of Security 15
200.301 Contemporary International Conflict 15

Social Anthropology

Compulsory courses:

146.213 Anthropological Enquiry 15
146.303 Practice of Field Work 15 P 146.213 or equivalent

Subject courses:

146.206 Visual Ethnography 15
146.208 Political Anthropology 15
146.209 Food and Eating 15
146.210 Ritual and Belief 15
146.211 Systems of Healing 15
146.214 The Politics of Culture 15
146.302 Regional Ethnography: Asia 15
146.304 Culture, Biology and Racism 15
146.307 The Cultural Construction of Gender and Sexuality 15
146.311 Medical Systems of China, India and the West 15
146.313 Issues in South Pacific Anthropology 15
146.316 Visual Anthropology: South Asia and Global Issues 15 P Any 200-level BA course
146.317 Urban Anthropology 15
146.318 Environmental Anthropology 15

Social Policy

Compulsory courses:

279.201 Social Policy: Concepts and Theories 15 P 279.101 or 179.101 or 200.162, 279.101 or 179.101 for BW
279.301 Government Policy, Planning and Administration 15 P 279.201 or 179.201
279.302 Policy Research and Evaluation 15 P 179.202 or 179.202

Subject courses:

179.230 The Wellbeing of Pacific Peoples in New Zealand 15 P 279.101 or 179.101 or 200.162 (179.102 to 2009)
179.320 Community Development 15
179.330 Māori Development and the Social Services 15

Sociology

Compulsory courses:

176.206 Understanding Social Life 15 P Any 100-level Sociology course
176.301 The Sociological Project 15 P 176.201 or 176.206

Subject courses:

176.203 Development and Social Change: Central Themes 15
176.204 Small Groups 15
176.205 Animals and Human Societies 15
176.207 Family, Intimacy and Domestic Life 15
176.216 Understanding Globalisation 15 R 178.316
176.218 Race, Nation and Modernity 15
176.219 The Transformation of the Pacific: Central Themes 15
176.221 Ethnicity and Identity: Central Themes 15
176.222 Cities in the Twenty-first Century 15
176.302 Techniques of Social Investigation 15
176.303 Making the Nation 15
176.308 Sociology of the Environment 15
176.309 Development and Social Change: Contemporary Issues 15
176.310 Ethnicity and Ethnic Identity: Contemporary Issues 15
176.316 Understanding Globalisation in Depth 15 R 178.216
176.318 Sociology of Death and Dying 15
176.322 The World of Work: Contemporary Issues 15
176.323 The Transformation of the Pacific: Contemporary Issues 15
230.301 Social Science at Work 15 P Any two 200-level courses from the BA Schedule with the prefixes 146, 179, and/or 200

Spanish

245.201 Intermediate Spanish Language I 15 P 245.102, R 245.202, 245.301
245.202 Intermediate Spanish Language II 15 P 245.201, R 245.301
245.203 The Sound of Spanish: Diction, Dialects and Diversity 15 P 245.201
245.204 Latin American Voices 15 P 245.201, R 164.255
245.301 Advanced Spanish Language 15 P 245.202
245.302 Theory and Practice of Spanish Translation 15 P 245.301
245.303 Latin American Rhythms and Politics: From Tango to Rock 15 P 245.202 or 245.204
245.304 Travellers’ Tales: The Invention of Latin America 15 P 245.202 or 245.204
245.305 Spanish Conversation on Film 15 P 245.202

Statistics

At least 30 credits from:

161.200 Statistical Models 15 P 160.1xx or 228.171 and one of 115.101, 161.100–161.130, R 161.231
161.220 Data Analysis 15 P One of 115.101, 161.100–161.130; R 161.250
Subject courses:

- **160.203** Calculus 15
- **160.211** Linear Algebra 15
- **161.223** Introduction to Data Mining 15
- **161.250** Data Analysis for Biologists 15
- **161.321** Sampling and Experimental Design 15
- **161.322** Design and Analysis of Surveys and Experiments 15
- **161.323** Multivariate Analysis 15
- **161.324** Data Mining 15
- **161.325** Statistical Methods for Quality Improvement 15
- **161.327** Generalised Linear Models 15
- **161.331** Biostatistics 15
- **161.342** Forecasting and Time Series 15

Elective Courses for the Graduate Diploma in Arts

Elective courses may be selected from any endorsement schedule and/or from the list below:

- **130.301** Incident Command Systems 15
- **147.201** Issues in Rehabilitation 15
- **147.202** Mental Health Policy and Practice 15
- **147.302** Alcohol and Drug Use 15
- **170.201** What is Feminism? 15
- **170.202** New Zealand Feminism 15
- **175.313** Gender and Violence 15
- **230.210** Tū Rangaranga: Global Encounters 15
- **230.310** Tū Tira Mai: Practising Engagement 15
- **243.201** Intermediate French Language I 15
- **243.202** Intermediate French Language II 15
- **243.301** Advanced French Language 15
- **243.304** Contemporary French Popular Culture 15
- **243.305** Close Encounters – New Zealand Seen Through French Eyes 15
- **249.284** Introduction to Equity and Inclusion in Education 15
- **249.287** Early Intervention 15

The Graduate Diploma in Aviation GDipAv

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Guidelines

1. Admission to the Graduate Diploma in Aviation requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) shall have been awarded or qualified for a Bachelor’s degree or be admitted on the basis of equivalence.
   (c) Candidates are deemed to have met the prerequisite requirements for the 200-level courses listed in the Schedule below.

2. Admission to the Graduate Diploma in Aviation with a Flight Instruction endorsement requires that the candidate will:
   (a) meet the requirements of Regulation 1; and
   (b) hold a Class One Medical Certificate recognised by the CAA NZ and meet appropriate pilot aptitude selection criteria as defined from time to time by the School of Aviation; and
   (c) hold a Commercial Pilot Licence (CPL) – Aeroplane (A).

Qualification Requirements

3. Candidates for the Graduate Diploma in Aviation shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) courses selected from the Schedule to the Qualification;
   (b) completion of an endorsement; and including:
   (c) at least 75 credits at 300 level;
   (d) any compulsory courses identified in the Schedule to the Qualification;
   (e) attending field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations

4. Candidates may complete an endorsement by passing at least 120 credits in a specialisation including 75 credits at 300 level. The requirements for each endorsement are set out in the Schedule for the Qualification.

5. Approved endorsements are Aviation Studies and Flight Instruction.

Academic Requirements

6. Candidates completing the Flight Instruction endorsement must complete the necessary competencies to achieve a CAA NZ ‘C’ Category Flight Instructor Rating, a night instructor endorsement removal and an aerobatics instructor endorsement removal and pass the following integrated courses:
   **190.297** Aerobatic Aircraft Handling for Flight Instructors
   **190.301** Flight Instructor Human Factors
   **190.315** Flight Instruction Fundamentals I
   **190.335** Flight Instruction

7. Integrated courses comprise two components: academic and practicum. A candidate must pass both the academic component and the practicum component to obtain a pass in the course.

Completion Requirements

8. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.
9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress
10. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions
11. All candidates commencing study towards the Graduate Diploma in Aviation on or after 1 January 2016 must satisfy the requirements specified in these regulations.
12. All candidates who commenced study towards the Graduate Diploma in Aviation prior to 1 January 2016 and who passed at least 60 credits whilst enrolled in the Graduate Diploma in Aviation, may complete under the regulations in the 2015 Massey University Calendar (or earlier regulations) until the end of the 2017 academic year.
13. Candidates who commenced study towards the Graduate Diploma in Aviation in 2015 or earlier may choose to transfer to these regulations, but must satisfy all requirements specified in these regulations.
14. Candidates who commenced study towards the Graduate Diploma in Aviation prior to 2016, but who do not meet the requirements for Regulations 12 and 13, will be required to transfer and complete their qualification in accordance with these regulations.
15. These transition arrangements expire in 2018.

Schedule for the Graduate Diploma in Aviation

Aviation Studies Endorsement

Compulsory courses:

- 190.216 Aviation Human Factors 15 P 190.107 or 190.117; R 190.205
- 190.220 Managing Airline Systems 15 P 190.116

90 credits from:

- 190.207 Aviation Psychology 15 P 190.107 or 190.117
- 190.210 Aviation Safety Management 15 P Any 190.1xx course
- 190.211 Aviation Strategic Management 15
- 190.215 Heavy Aeroplane Performance 15 P 190.102 or 190.110 or 190.111 or 190.102 or 190.202 or 190.235 or 190.237 or 90.252
- 190.217 Instruction and Learning in Aviation 15 P 190.107 or 190.109 or 190.117 or Permission Head of School
- 190.222 Basic Air Safety Investigation 15 P 190.115 or 190.110 or 190.111 or CPL (A or H)

Flight Instruction Endorsement (120 credits)

Compulsory courses:

- 190.301 Flight Instructor Human Factors 15 P Permission Head of School
- 190.315 Flight Instruction Fundamentals I 15 P 190.256 and Permission Head of School
- 190.317 Evaluation Methods in Aviation 15 P 190.217, 190.225 or Part III ATP
- 190.318 Air Transport Economics 15 P 190.220
- 190.320 Heavy Aeroplane Performance II 15 P 190.237 or 190.215 or PHOS
- 190.321 Aircraft Accident and Incident Investigation 15 P 190.122 or 190.222
- 190.327 Managing Cultures in Aviation 15 P 190.205 or 190.216
- 190.340 Contemporary Issues in Aviation Security 15

30 credits from:

- 190.297 Aerobatic Aircraft Handling for Flight Instructors 30 P Permission Head of School
- 190.298 Turbo-Prop and Jet Handling* 30 P 190.251 and 190.254

15 credits at 200 or 300 level from the 190 prefix (Aviation).

* This is an integrated course
Completion Requirements

7. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

8. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Certificate in Business Studies should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

9. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions

10. All candidates commencing study towards the Graduate Diploma in Business Studies on or after 1 January 2017 must satisfy the requirements as specified in these regulations.

11. Candidates who commenced study towards the Graduate Diploma in Business Studies prior to 2017, and who have successfully completed at least 45 credits towards the Diploma, may complete under the regulations as specified in the 2016 University Calendar.

12. These transition regulations expire 31 December 2019.

13. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates who have completed at least 15 credits towards a Human Resource Management, Management or International Business endorsement in the Graduate Diploma in Business Studies, prior to 1 January 2018 may be permitted to substitute a course or courses already completed towards the endorsement for a course or courses at the same level included in the Schedule to the Diploma. These transition arrangements expire 31 December 2020.

Schedule for the Graduate Diploma in Business Studies

Endorsements

Accounting (120 credits)

Compulsory course selection (90 credits):

<table>
<thead>
<tr>
<th>Subject Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>110.209 Intermediate Financial Accounting</td>
<td>15</td>
</tr>
<tr>
<td>110.229 Management Accounting</td>
<td>15</td>
</tr>
<tr>
<td>110.230 Introductory Financial and Management Accounting</td>
<td>15</td>
</tr>
<tr>
<td>110.249 Accounting Information Systems</td>
<td>15</td>
</tr>
<tr>
<td>110.279 Auditing</td>
<td>15</td>
</tr>
<tr>
<td>110.289 Taxation</td>
<td>15</td>
</tr>
</tbody>
</table>

Including at least 60 credits from:

<table>
<thead>
<tr>
<th>Subject Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>110.303 Integrative Accounting</td>
<td>15</td>
</tr>
<tr>
<td>110.309 Advanced Financial Accounting</td>
<td>15</td>
</tr>
<tr>
<td>110.329 Advanced Management Accounting</td>
<td>15</td>
</tr>
<tr>
<td>110.389 Forensic Accounting</td>
<td>15</td>
</tr>
<tr>
<td>110.379 Advanced Auditing</td>
<td>15</td>
</tr>
<tr>
<td>110.380 Estate and Tax Planning</td>
<td>15</td>
</tr>
<tr>
<td>110.389 Advanced Taxation</td>
<td>15</td>
</tr>
</tbody>
</table>

Elective courses

Up to 15 credits from:

Courses at 200 level or 300 level from the Schedule to the Graduate Diploma in Business Studies or the 110, 114, 115, 125, 127, 137, 152, 153, 155, 156, 178, 219 or 290 course prefix series.

At least 15 credits from:

Courses at 300 level from the Schedule to the Graduate Diploma in Business Studies or the 110, 114, 115, 125, 127, 137, 152, 153, 155, 156, 178, 219 or 290 course prefix series.

Business Information Systems (120 credits) (no new enrolments from 2016)

Compulsory courses (75 credits)

<table>
<thead>
<tr>
<th>Subject Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>152.252 Project Management</td>
<td>15</td>
</tr>
<tr>
<td>157.240 Social Media Networks for Business</td>
<td>15</td>
</tr>
<tr>
<td>157.234 Technology Trends for Organisations</td>
<td>15</td>
</tr>
<tr>
<td>157.340 Organisational Knowledge Management</td>
<td>15</td>
</tr>
<tr>
<td>157.350 Technology Governance and Risk Management</td>
<td>15</td>
</tr>
</tbody>
</table>

Compulsory course selection

At least 15 credits from:

<table>
<thead>
<tr>
<th>Subject Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>152.304 Managing Services</td>
<td>15</td>
</tr>
<tr>
<td>157.325 Information Management Project</td>
<td>15</td>
</tr>
</tbody>
</table>

Elective courses:

300-level courses from the Schedule to the Graduate Diploma in Business Studies or the 110, 114, 115, 125, 127, 137, 152, 153, 155, 156, 178, 219 or 290 course prefix series.

Business Law (120 credits) (no new enrolments from 2016)

Compulsory subject courses

Up to 45 credits from:

<table>
<thead>
<tr>
<th>Subject Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>110.289 Taxation</td>
<td>15</td>
</tr>
<tr>
<td>134.220 Business and Professional Ethics</td>
<td>15</td>
</tr>
<tr>
<td>155.201 Law of Property</td>
<td>15</td>
</tr>
<tr>
<td>155.203 Law of Business Organisations</td>
<td>15</td>
</tr>
<tr>
<td>155.210 Commercial Law</td>
<td>15</td>
</tr>
</tbody>
</table>

At least 75 credits from:

<table>
<thead>
<tr>
<th>Subject Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>110.380 Estate and Tax Planning</td>
<td>15</td>
</tr>
<tr>
<td>110.389 Advanced Taxation</td>
<td>15</td>
</tr>
<tr>
<td>155.301 Employment Law</td>
<td>15</td>
</tr>
<tr>
<td>155.313 Commercial Transactions Contrary to Conscience</td>
<td>15</td>
</tr>
<tr>
<td>155.315 Sport Law</td>
<td>15</td>
</tr>
<tr>
<td>155.700 Fundamentals of Law</td>
<td>30</td>
</tr>
</tbody>
</table>

Communication Management (120 credits) (no new enrolments from 2016)

Compulsory subject courses

60 credits from:

<table>
<thead>
<tr>
<th>Subject Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>219.202 Professional and E-Business Writing</td>
<td>15</td>
</tr>
<tr>
<td>219.203 Business Communication</td>
<td>15</td>
</tr>
<tr>
<td>219.204 News Media Processes</td>
<td>15</td>
</tr>
</tbody>
</table>
**Dispute Resolution (120 credits) (No new enrolments from 2018)**

**Compulsory course:**

153.200 Introduction to Dispute Resolution 15

**Elective courses:**

A maximum of 30 credits from 300 level courses from the 114, 115, 125, 127, 137, 152, 153, 155, 156, 178, 219 or 290 course prefix series.

**Economics (120 credits) (no new enrolments from 2016)**

**Compulsory subject courses:**

At least 30 credits from:

178.200 Intermediate Microeconomics 15  P 178.100

178.201 Intermediate Microeconomics 15  P 115.106 or 115.113

178.210 Economic Policy 15  P 178.100 or 178.110 or 78.102

178.211 Methods of Economic Analysis 15  P 115.106 or 115.113 or any 178.1xx course

178.240 Managerial Economics 15  P 115.106 or 115.113 or 178.101

178.242 Land Economics 15  P Any 178.1xx course or 115.106 or 115.113

178.250 Contemporary Economic Issues 15

178.280 Introduction to Econometrics 15  P 161.101 or 115.101; and 115.113 or 115.106

At least 60 credits from:

178.300 Advanced Macroeconomics 15  P 178.200

178.301 Advanced Microeconomics 15  P 178.201

178.307 Markets, Firms and Consumers 15  P 78.201 or 178.204 or 125.230; or (115.106 or 115.113 or 178.101) and 178.280

178.308 Economic Analysis of Money, Banking and Financial Markets 15  P Any 178.2xx course; R 178.300

178.328 Project Evaluation 15  P Any 178.1xx course

178.358 International Trade in Agri-food Products 15  P Any 178.1xx course or 119.156; R 178.357

**Finance (120 credits) (no new enrolments from 2016)**

**Subject courses:**

At least 30 credits from:


125.220 Financial Institutions and Markets 15  R 115.104 or 115.116 or 156.100

125.230 Business Finance 15  P 115.104 or 115.116 or 156.100

125.240 Fundamentals of Investment 15  P Any 200-level Management course; R 152.341, 152.365

125.250 Financial Modelling 15  P 115.114 or 115.105

At least 60 credits from:

125.310 Financial Advice Implementation 15  P 125.240, 125.351, C one of 110.380, 125.342, 125.356, 125.357; R 125.311

125.320 International Finance 15  P 125.230; and one of 125.220 or 125.241 or 110.209 or 152.261

125.330 Advanced Business Finance 15  P 125.230; and one of 125.320 or 125.340 or 125.364 or 110.309; C 125.320 or 125.340 or 125.350 or 125.364 or 110.309

125.340 Investment Analysis 15  P 125.241; R 125.342

125.342 Investment Planning 15  C 125.220 and P 125.230 or P 125.240; R 125.340
125.350 Financial Risk Management 15 P 125.230; and either 125.220 or 125.241
125.351 Personal Risk Management 15 P or C 125.211
125.356 Business Insurance 15 P or C 125.211
125.357 Advanced Issues in Insurance 15 P or C 125.211
125.384 Bank Financial Management 15 P 115.105 or 115.114 and 125.220; R 125.360, 125.361, 125.362, 125.363

Elective courses
30 credits from:
Courses at 200 level or above from the Schedule to the Graduate Diploma in Business Studies or the 110, 114, 115, 125, 127, 137, 152, 153, 155, 156, 178, 219 or 290 course prefix series.

Human Resource Management (120 credits)
Compulsory courses (90 credits):
114.240 Organisational Behaviour 15
114.241 Principles of Human Resources Management 15
114.330 Equity and Diversity in the Workplace 15 P Any 200-level course
114.331 Contemporary HRM and Employment Relations 15 P 114.241 or 114.254
114.332 Decent Work 15 P 114.241 or 114.254
114.396 Strategic Human Resource Management 15 P 114.241

Compulsory subject courses
15 credits from:
114.254 Employment Relations 15
251.271 Occupational Health and Safety I 15

15 credits from:
155.301 Employment Law 15 P 115.103 or 115.211 or 155.202 or 114.254, or 153.200 and 153.202; R 152.351, 155.700

Courses at 300 level from the 114- or 152-course prefix series.

International Business (120 credits) (no new enrolments from 2016)
Compulsory courses (30 credits):
152.250 Managing Organisations 15 R 152.200
152.261 International Business 15

Compulsory subject courses
15 credits from:
152.264 International Supply Chain Management 15 R 152.263

30 credits from:
152.350 Strategic Management and Governance 15 P Any 200-level Management course; R 152.341, 152.365
152.366 Operational Management of International Business 15

Elective courses
15 credits from:
156.231 Strategic Marketing Management 15 P 115.104 or 115.116 or 156.200
200.261 World Politics 15

Courses at 200 level from the 241, 242, 243, 244 or 245 course prefix series.
30 credits from:
125.320 International Finance 15 P 125.230, and one of 125.220 or 125.241 or 110.209 or 152.261
178.370 Development Economics 15
219.304 Cross-Cultural Communication 15 R 114.354

Courses at 300 level from the 241, 242, 243, 244 or 245 course prefix series.

Management (120 credits) (no new enrolments from 2016)
Compulsory courses (60 credits):
152.250 Managing Operations 15 R 152.200
152.203 Business and Society 15 R 52.101
152.336 Leadership Practice 15 R 152.328, 152.329
152.350 Strategic Management and Governance 15 P Any 200-level Management course; R 152.341, 152.365

Compulsory subject courses
15 credits from:
152.252 Project Management 15
152.261 International Business 15
153.204 Negotiation Principles 15 R 153.307

15 credits from:
152.304 Managing Services 15
152.333 New Venture Project 15
152.325 Designing and Developing Organisations 15 P Any 200-level course from the 152 course prefix series; R 152.360, 152.303, 152.341
152.370 Te Whanakatanga o te Pakihi Māori – Advanced Māori Business Development and Management 15

30 credits from:
Courses at 300 level from the 152 course prefix series.

Management and Leadership for Māori Providers (120 credits) (no new enrolments from 2016)
Compulsory courses (30 credits):
152.252 Project Management 15
152.270 Māori Management 15
152.336 Leadership Practice 15 R 152.328, 152.329
152.350 Strategic Management and Governance 15 P Any 200-level Management course; R 152.341, 152.365
152.370 Te Whanakatanga o te Pakihi Māori – Advanced Māori Business Development and Management 15

Subject courses
15 credits from:
150.201 Te Kawanata o Waitangi: The Treaty of Waitangi in New Zealand Society 15 R 289.274

Courses at 200 level from the 152 course prefix series.
30 credits from:
114.330 Equity and Diversity in the Workplace 15
219.307 Interpersonal Communication 15 R 219.201, 114.261, 14.352

Courses at 300 level from the 152-course prefix series.

Marketing (120 credits) (no new enrolments from 2016)
Compulsory courses (90 credits):
156.231 Strategic Marketing Management 15 P 115.104 or 115.116 or 156.200
156.232 Consumer Behaviour 15 P 115.104 or 115.116 or 156.200 or 75 credits for non-Business students
156.233 Marketing Research 15 P 115.104 or 115.116 or 156.200 or 75 credits for non-Business students
156.331 Marketing Strategy 15 P 156.231 and 156.232; R 156.704
156.333 Market Analysis 15 P 156.231 and 156.233
156.334 Marketing Consultancy Project 15 P 156.231 and any 156.2xx course

Elective courses
15 credits from:
Courses at 200 level or above from any course prefix series.
15 credits from:
Courses at 300 level from any course prefix series.

**Personal Financial Planning (120 credits)**

Compulsory courses (120 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>125.211</td>
<td>The Financial Planning Process</td>
<td>15</td>
</tr>
<tr>
<td>125.220</td>
<td>Financial Institutions and Markets</td>
<td>15</td>
</tr>
<tr>
<td>125.240</td>
<td>Fundamentals of Investment</td>
<td>15</td>
</tr>
<tr>
<td>110.380</td>
<td>Estate and Tax Planning</td>
<td>15</td>
</tr>
<tr>
<td>125.310</td>
<td>Financial Advice Implementation</td>
<td>15</td>
</tr>
<tr>
<td>125.312</td>
<td>Applied Personal Financial Management</td>
<td>15</td>
</tr>
<tr>
<td>125.342</td>
<td>Investment Planning</td>
<td>15</td>
</tr>
<tr>
<td>125.351</td>
<td>Personal Risk Management</td>
<td>15</td>
</tr>
</tbody>
</table>

**Property Management (120 credits) (no new enrolments from 2016)**

Compulsory courses (90 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>127.241</td>
<td>Property Market Principles</td>
<td>15</td>
</tr>
<tr>
<td>132.221</td>
<td>Planning Studies</td>
<td>15</td>
</tr>
<tr>
<td>155.201</td>
<td>Law of Property</td>
<td>15</td>
</tr>
<tr>
<td>178.242</td>
<td>Land Economics</td>
<td>15</td>
</tr>
<tr>
<td>218.273</td>
<td>Building Technology: Commercial Property</td>
<td>15</td>
</tr>
<tr>
<td>127.341</td>
<td>Property Management and Development</td>
<td>15</td>
</tr>
</tbody>
</table>

Elective courses (30 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>127.342</td>
<td>Applied Property Finance and Investment</td>
<td>15</td>
</tr>
<tr>
<td>127.343</td>
<td>Applied Property Valuation</td>
<td>15</td>
</tr>
<tr>
<td>115.377</td>
<td>Special Topic</td>
<td>15</td>
</tr>
</tbody>
</table>

**Rural Valuation (120 credits) (no new enrolments from 2016)**

Compulsory courses (90 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>119.281</td>
<td>Decision Tools for Primary Industries</td>
<td>15</td>
</tr>
<tr>
<td>127.242</td>
<td>Introduction to Property Valuation</td>
<td>15</td>
</tr>
<tr>
<td>138.255</td>
<td>Engineering Principles in Food and Fibre Production</td>
<td>15</td>
</tr>
</tbody>
</table>

15 credits from:
Courses at 200 or 300 level from any course prefix series as approved by the Head of School.

15 credits from:
Courses at 300 level from any course prefix series as approved by the Head of School.

**Sport Management (120 credits) (no new enrolments from 2016)**

Compulsory courses (105 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>152.250</td>
<td>Managing Operations</td>
<td>15</td>
</tr>
<tr>
<td>234.232</td>
<td>Sport Business</td>
<td>15</td>
</tr>
<tr>
<td>234.233</td>
<td>Sport Event Management</td>
<td>15</td>
</tr>
<tr>
<td>234.331</td>
<td>Sport in the Social Context</td>
<td>15</td>
</tr>
<tr>
<td>234.338</td>
<td>Sport Management/Coaching Practicum</td>
<td>30</td>
</tr>
<tr>
<td>234.360</td>
<td>Sport Psychology</td>
<td>15</td>
</tr>
</tbody>
</table>

Compulsory course selection (15 credits)

15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.234</td>
<td>Sport Management Planning and Promotion</td>
<td>15</td>
</tr>
<tr>
<td>234.235</td>
<td>Outdoor Recreation Management</td>
<td>15</td>
</tr>
</tbody>
</table>

**Urban Valuation (120 credits) (no new enrolments from 2016)**

Compulsory courses (120 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>218.172</td>
<td>Construction Technology: Residential</td>
<td>15</td>
</tr>
<tr>
<td>127.241</td>
<td>Property Market Planning</td>
<td>15</td>
</tr>
<tr>
<td>127.242</td>
<td>Introduction to Property Valuation</td>
<td>15</td>
</tr>
<tr>
<td>178.242</td>
<td>Land Economics</td>
<td>15</td>
</tr>
<tr>
<td>218.273</td>
<td>Building Technology: Commercial Property</td>
<td>15</td>
</tr>
<tr>
<td>127.341</td>
<td>Property Management and Development</td>
<td>15</td>
</tr>
<tr>
<td>127.342</td>
<td>Applied Property Finance and Investment</td>
<td>15</td>
</tr>
<tr>
<td>127.343</td>
<td>Applied Property Valuation</td>
<td>15</td>
</tr>
</tbody>
</table>

15 credits from:
Courses at 200 or 300 level from any course prefix series as approved by the Head of School.

15 credits from:
Courses at 300 level from any course prefix series as approved by the Head of School.

**The Graduate Diploma in Design GDipDes**

**Qualification Regulations**

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

**Part II**

**Admission**

1. Admission to the Graduate Diploma in Design requires that the candidate will have:

   (a) met the University admission requirements as specified; and will have:

   (b) been awarded or qualified for a Bachelor’s degree, or equivalent; or

   (c) been assessed by Academic Board or their delegate as having equivalent practical, professional and scholarly experience at the appropriate level; or

   (d) completed at least 360 credits of a Massey University design degree including 75 credits at 300 level.

2. In all cases candidates must be selected into the Diploma following a selection process which will include the assessment of a portfolio of work submitted by the candidate and, at the discretion of Academic Board or their delegate, an interview.

**Qualification Requirements**

3. Candidates for the Graduate Diploma in Design shall follow a flexible course of study, which shall consist of courses totalling at least 120 credits, comprising:

   (a) 90 credits from:

   (b) 30 credits from:

   (c) 15 credits from:

   (d) at least 30 credits from any course prefix series as approved by the Head of School.
(a) 90 credits of core courses selected from Part A of the Schedule to the Diploma;
(b) 30 credits of elective courses selected from Part B of the Schedule to the Diploma;
(c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

4. Notwithstanding Regulation 1, with the approval of the Academic Board or their delegate a candidate may be permitted to transfer up to 30 credits from an incomplete graduate qualification in design or related programme of study to the Graduate Diploma in Design.

Specialisations
5. The Graduate Diploma in Design is awarded with or without endorsement.
6. Candidates may complete an endorsement by completing at least 75 credits from the course prefix series of one of the endorsement subjects, including both the core courses for that course prefix listed in Part A of the Schedule to the Diploma.
7. Endorsements available in the Graduate Diploma in Design and their associated course prefixes are: Industrial Design (198 prefix), Fashion Design (212 prefix), Photography (221 prefix), Spatial Design (224 prefix), Textile Design (223 prefix) or Visual Communication Design (222 prefix).

Student Progression
8. In cases of sufficient merit, the Graduate Diploma in Design may be awarded with Distinction or Merit if completed in one year of full-time study or three years of part-time study.

Completion Requirements
9. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.
10. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board or their delegate, be awarded the Certificate in Visual Arts should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
11. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Graduate Diploma in Design

Part A: Core Courses for the Graduate Diploma in Design

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>197.388</td>
<td>Creative Enterprise</td>
<td>15</td>
</tr>
<tr>
<td>198.357</td>
<td>Design Studio III (Industrial)</td>
<td>30</td>
</tr>
<tr>
<td>198.358</td>
<td>Design Studio III (Industrial)</td>
<td>30</td>
</tr>
<tr>
<td>212.357</td>
<td>Design Studio III (Fashion)</td>
<td>30</td>
</tr>
<tr>
<td>212.358</td>
<td>Design Studio III (Fashion)</td>
<td>30</td>
</tr>
<tr>
<td>221.357</td>
<td>Design Studio III (Photography)</td>
<td>30</td>
</tr>
<tr>
<td>221.358</td>
<td>Design Studio III (Photography)</td>
<td>30</td>
</tr>
<tr>
<td>222.357</td>
<td>Design Studio III (Visual Communication)</td>
<td>30</td>
</tr>
<tr>
<td>222.358</td>
<td>Design Studio III (Visual Communication)</td>
<td>30</td>
</tr>
<tr>
<td>223.357</td>
<td>Design Studio III (Textiles)</td>
<td>30</td>
</tr>
<tr>
<td>223.358</td>
<td>Design Studio III (Textiles)</td>
<td>30</td>
</tr>
<tr>
<td>224.357</td>
<td>Design Studio III (Spatial)</td>
<td>30</td>
</tr>
<tr>
<td>224.358</td>
<td>Design Studio III (Spatial)</td>
<td>30</td>
</tr>
<tr>
<td>237.330</td>
<td>Creative Cultures and Ideas</td>
<td>15</td>
</tr>
<tr>
<td>237.331</td>
<td>Creative Cultures and Display</td>
<td>15</td>
</tr>
</tbody>
</table>

Part B: Elective Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>197.211</td>
<td>Rapid Ideation</td>
<td>15</td>
</tr>
<tr>
<td>197.228</td>
<td>Contemporary Design Project A</td>
<td>15</td>
</tr>
</tbody>
</table>
Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission
1. Admission to the Graduate Diploma in Emergency Management requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for the award of a Bachelor’s degree, or equivalent, or another approved qualification; and
   (c) have completed at least one year of emergency management related experience.

The Graduate Diploma in Emergency Management
GradDipEmergMgt

Qualification Requirements
2. Candidates for the Graduate Diploma in Emergency Management shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) at least 75 credits at 300 level;
   (b) any compulsory courses listed in the Schedule for the Qualification; and
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
3. The Graduate Diploma in Emergency Management is awarded without an endorsement.
Schedule for the Graduate Diploma in Emergency Management

Compulsory courses (30 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>130.202</td>
<td>Introduction to Emergency Management</td>
<td>15</td>
</tr>
<tr>
<td>130.301</td>
<td>Incident Command Systems</td>
<td>15</td>
</tr>
</tbody>
</table>

Elective courses (90 credits)

No more than 30 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>130.203</td>
<td>Disaster Risk Management</td>
<td>15</td>
</tr>
<tr>
<td>132.221</td>
<td>Planning Studies</td>
<td>15</td>
</tr>
<tr>
<td>152.252</td>
<td>Project Management</td>
<td>15</td>
</tr>
<tr>
<td>175.201</td>
<td>Social Psychology</td>
<td>15</td>
</tr>
<tr>
<td>251.271</td>
<td>Occupational Health and Safety I</td>
<td>15</td>
</tr>
<tr>
<td>251.272</td>
<td>Occupational Health and Safety II</td>
<td>15</td>
</tr>
</tbody>
</table>

At least 60 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>131.321</td>
<td>Strategies for Sustainable Development</td>
<td>15</td>
</tr>
<tr>
<td>152.336</td>
<td>Leadership Practice</td>
<td>15</td>
</tr>
<tr>
<td>152.350</td>
<td>Strategic Management and Governance</td>
<td>15</td>
</tr>
<tr>
<td>193.304</td>
<td>Animal Welfare Emergency Management</td>
<td>15</td>
</tr>
<tr>
<td>214.301</td>
<td>Environmental Health Risk Management for Disasters</td>
<td>15</td>
</tr>
<tr>
<td>219.303</td>
<td>Organisational Communication</td>
<td>15</td>
</tr>
<tr>
<td>219.305</td>
<td>Public Relations Management</td>
<td>15</td>
</tr>
<tr>
<td>219.307</td>
<td>Interpersonal Communication</td>
<td>15</td>
</tr>
<tr>
<td>219.312</td>
<td>Risk and Crisis Communication</td>
<td>15</td>
</tr>
<tr>
<td>219.335</td>
<td>Media Law and Ethics</td>
<td>15</td>
</tr>
</tbody>
</table>

The Graduate Diploma in Environmental Health

GradDipEH

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Graduate Diploma in Environmental Health requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a relevant Bachelor’s degree or equivalent.

Qualification Requirements

2. Candidates for the Graduate Diploma in Environmental Health shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) at least 75 credits at 300-level;
   and including:
   (b) any compulsory courses listed in the Schedule for the Qualification;
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations

3. The Graduate Diploma in Environmental Health is awarded without an endorsement.

Student Progression

4. In cases of sufficient merit, the Graduate Diploma in Environmental Health may be awarded with distinction.

Completion Requirements

5. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Transitional Provisions

7. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in Part I for the Graduate Diploma, all candidates commencing study towards the Graduate Diploma in Environmental Health on or after 1 January 2017 must satisfy the requirements specified in these regulations.

8. All candidates who commenced study towards the Graduate Diploma in Environmental Health prior to 1 January 2017 and have completed at least 30 credits towards the graduate diploma may be permitted course substitution beyond the normal limits.


Unsatisfactory Academic Progress

10. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Graduate Diploma in Environmental Health (120 credits)

Compulsory courses (105 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>214.213</td>
<td>Toxic Substances, Human Health and the Environment</td>
<td>15</td>
</tr>
<tr>
<td>214.215</td>
<td>Food Safety and Human Health</td>
<td>15</td>
</tr>
<tr>
<td>214.216</td>
<td>Environmental and Public Health Law</td>
<td>15</td>
</tr>
<tr>
<td>214.311</td>
<td>Epidemiology and Communicable Diseases</td>
<td>15</td>
</tr>
<tr>
<td>214.312</td>
<td>Environmental Monitoring and Investigative Methods</td>
<td>15</td>
</tr>
<tr>
<td>214.314</td>
<td>Water and Waste Treatment</td>
<td>15</td>
</tr>
<tr>
<td>214.316</td>
<td>Bio-Physical Effects of Noise and Vibration</td>
<td>15</td>
</tr>
</tbody>
</table>
The Graduate Diploma in Fine Arts
GDipFA

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II
Admission
1. Admission to the Graduate Diploma in Fine Arts requires that the candidate will have:
   (a) met the University admission requirements as specified; and will have:
   (b) been awarded or qualified for a Bachelor’s degree, or equivalent; or
   (c) been assessed by Academic Board or their delegate as having equivalent practical, professional and scholarly experience at the appropriate level.
2. In all cases candidates must be selected into the Diploma following a selection process which will include the assessment of a portfolio of work submitted by the candidate and, at the discretion of Academic Board or their delegate, an interview.

Qualification Requirements
3. Candidates for the Graduate Diploma in Fine Arts shall follow a flexible course of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) 90 credits of core courses selected from Part A of the Schedule to the Diploma;
   (b) 30 credits of elective courses selected from Part B of the Schedule to the Diploma;
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials and laboratories as required.

Specialisations
4. The Graduate Diploma in Fine Arts is awarded without endorsement.

Student Progression
5. In cases of sufficient merit, the Graduate Diploma in Fine Arts may be awarded with distinction if completed in one year of full-time study or three years of part-time study.

Completion Requirements
6. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.
7. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board or their delegate, be awarded the Certificate in Visual Arts should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
8. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Graduate Diploma in Fine Arts
Part A: Compulsory courses (90 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>197.388</td>
<td>Creative Enterprise</td>
<td>15</td>
</tr>
<tr>
<td>213.341</td>
<td>Art Studio IIIA</td>
<td>30</td>
</tr>
<tr>
<td>213.342</td>
<td>Art Studio IIIB</td>
<td>30</td>
</tr>
<tr>
<td>213.357</td>
<td>Introduction to Fine Arts Research Methods and Practices</td>
<td>15</td>
</tr>
<tr>
<td>237.330</td>
<td>Creative Cultures and Ideas</td>
<td>15</td>
</tr>
<tr>
<td>237.331</td>
<td>Creative Cultures and Display</td>
<td>15</td>
</tr>
</tbody>
</table>

Part B: Elective courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>213.211</td>
<td>Fine Arts Special Topic II</td>
<td>15</td>
</tr>
<tr>
<td>213.254</td>
<td>Contemporary Drawing Projects</td>
<td>15</td>
</tr>
<tr>
<td>213.255</td>
<td>Drawing the Body II</td>
<td>15</td>
</tr>
<tr>
<td>213.256</td>
<td>Contemporary Art Projects A</td>
<td>15</td>
</tr>
<tr>
<td>213.257</td>
<td>Contemporary Art Projects B</td>
<td>15</td>
</tr>
<tr>
<td>213.258</td>
<td>Contemporary Art Projects C</td>
<td>15</td>
</tr>
<tr>
<td>213.259</td>
<td>Contemporary Art Projects D</td>
<td>15</td>
</tr>
<tr>
<td>213.260</td>
<td>Fine Arts Special Topic IIIB</td>
<td>30</td>
</tr>
<tr>
<td>213.261</td>
<td>Contemporary Art Projects F</td>
<td>15</td>
</tr>
<tr>
<td>213.262</td>
<td>Contemporary Art Projects G</td>
<td>15</td>
</tr>
<tr>
<td>213.263</td>
<td>Contemporary Art Projects H</td>
<td>15</td>
</tr>
<tr>
<td>213.264</td>
<td>Contemporary Art Projects I</td>
<td>15</td>
</tr>
<tr>
<td>213.265</td>
<td>Contemporary Art Projects J</td>
<td>15</td>
</tr>
<tr>
<td>213.311</td>
<td>Fine Arts Special Topic III</td>
<td>15</td>
</tr>
<tr>
<td>213.355</td>
<td>Drawing the Body III</td>
<td>15</td>
</tr>
<tr>
<td>213.356</td>
<td>Contemporary Art Projects E</td>
<td>15</td>
</tr>
<tr>
<td>213.358</td>
<td>Fine Arts Internship</td>
<td>15</td>
</tr>
<tr>
<td>213.359</td>
<td>Contemporary Art Projects K</td>
<td>15</td>
</tr>
<tr>
<td>213.360</td>
<td>Fine Arts Special Topic IIIB</td>
<td>30</td>
</tr>
</tbody>
</table>

The Graduate Diploma in Information Sciences
GradDiplInfSc

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II
Admission
1. Admission to the Graduate Diploma in Information Sciences requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for an undergraduate degree or equivalent qualification.
Qualification Requirements
2. Candidates for the Graduate Diploma in Information Sciences shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits at 200 level or above, comprising:
(a) at least 120 credits from courses listed in the Schedules for the qualification;
(b) at least 75 credits at 300 level or above; and including:
(c) any compulsory courses listed in the Schedules for the qualification;
(d) attending contact workshops, block courses, field trips, studios, workshops, tutorials and laboratories as required.

Specialisations
3. Candidates may complete the Graduate Diploma in Information Sciences with or without an endorsement.
4. Candidates may complete an endorsement or a joint endorsement by passing at least 90 credits, including at least 60 credits at 300 level, within the endorsement or joint endorsement. The requirements for each endorsement and joint endorsement are set out in Schedule A of the qualification.
5. Endorsements available are Computer Science, Data Science, Information Systems and Information Technology.
6. Approved joint endorsement is Software Engineering.

Student Progression
7. In cases of sufficient merit, the Graduate Diploma in Information Sciences may be awarded with distinction.

Completion Requirements
8. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.
9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress
10. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions
11. All candidates commencing study towards the Graduate Diploma in Information Sciences on or after 1 January 2017 must satisfy the requirements specified in these regulations.
12. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations, all candidates who commenced study towards the Graduate Diploma in Information Sciences prior to 1 January 2017, and who have passed at least 60 credits at 200 level whilst enrolled in the Graduate Diploma in Information Sciences, may complete the Graduate Diploma in Information Sciences with 60 credits at 300 level.
13. In all cases candidates must complete the qualification within the timeframes for completion as specified in the Completion Requirements.
14. These transition arrangements expire on 31 December 2018.

Schedule A: Endorsements

Computer Science
Specialisation courses:
At least 30 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>159.201</td>
<td>Algorithms and Data Structures</td>
<td>15</td>
<td>P 159.101, 159.102, R 159.271</td>
</tr>
<tr>
<td>159.202</td>
<td>Declarative Programming</td>
<td>15</td>
<td>P 159.101, 159.102, R 159.272</td>
</tr>
<tr>
<td>159.233</td>
<td>Computer Architecture</td>
<td>15</td>
<td>P 159.101, 159.102, R 159.253</td>
</tr>
<tr>
<td>159.234</td>
<td>Object-Oriented Programming</td>
<td>15</td>
<td>P 159.101 and 159.102; R 159.270</td>
</tr>
<tr>
<td>159.235</td>
<td>Graphical Programming</td>
<td>15</td>
<td>P 159.101, 159.102</td>
</tr>
<tr>
<td>159.251</td>
<td>Software Engineering and Construction</td>
<td>15</td>
<td>P [159.101 and 159.102] or 159.272; R 159.351</td>
</tr>
<tr>
<td>159.253</td>
<td>Computer Systems</td>
<td>15</td>
<td>P 159.1x1, 159.1x2; R 159.233</td>
</tr>
<tr>
<td>159.270</td>
<td>Hardware-Oriented Computing</td>
<td>15</td>
<td>P 159.102 or 159.172; R 159.234</td>
</tr>
<tr>
<td>159.271</td>
<td>Computational Thinking for Problem Solving</td>
<td>15</td>
<td>P 159.1x1, 159.1x2; R 159.201</td>
</tr>
<tr>
<td>159.272</td>
<td>Programming Paradigms</td>
<td>15</td>
<td>P 159.1x1, 159.1x2; R 159.202, 159.234</td>
</tr>
</tbody>
</table>

At least 60 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>159.302</td>
<td>Artificial Intelligence</td>
<td>15</td>
<td>P 159.201 or 159.202 or 159.211</td>
</tr>
<tr>
<td>159.331</td>
<td>Algorithms and Languages</td>
<td>15</td>
<td>P 159.201, 159.202</td>
</tr>
<tr>
<td>159.334</td>
<td>Computer Networks</td>
<td>15</td>
<td>P 159.201 or 159.234; R 159.354</td>
</tr>
<tr>
<td>159.335</td>
<td>Concurrent Programming and Operating Systems</td>
<td>15</td>
<td>P 159.201, R 159.355</td>
</tr>
<tr>
<td>159.336</td>
<td>Mobile Application Development</td>
<td>15</td>
<td>P 159.234 or 159.272</td>
</tr>
<tr>
<td>159.339</td>
<td>Internet Programming</td>
<td>15</td>
<td>P 159.201 or R 159.234; R 159.359</td>
</tr>
<tr>
<td>159.352</td>
<td>Advanced Web Development</td>
<td>15</td>
<td>P 159.272 and 158.252 or 158.258; R 159.339, 159.359</td>
</tr>
<tr>
<td>159.354</td>
<td>Data Communication Networks</td>
<td>15</td>
<td>P 159.270 or 159.271; R 159.334, 281.375</td>
</tr>
<tr>
<td>159.355</td>
<td>Concurrent Systems</td>
<td>15</td>
<td>P 159.201 or 159.272; R 159.335</td>
</tr>
<tr>
<td>159.360</td>
<td>Programming for Computer Graphics</td>
<td>15</td>
<td>P [159.270 or 159.271 or 159.272] and 158.1xx; R 159.239, 158.360</td>
</tr>
<tr>
<td>159.372</td>
<td>Intelligent Machines</td>
<td>15</td>
<td>P 159.271 or 159.272; R 159.302</td>
</tr>
</tbody>
</table>

Data Science
Compulsory courses (45 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>158.222</td>
<td>Data Wrangling and Machine Learning</td>
<td>15</td>
<td>P (159.1x1 and 159.1x2) and 161.1xx</td>
</tr>
<tr>
<td>158.333</td>
<td>Applied Machine Learning and Data Visualisation</td>
<td>15</td>
<td>P 158.222</td>
</tr>
<tr>
<td>158.337</td>
<td>Database Development</td>
<td>15</td>
<td>P 157.2xx or 158.2xx or 159.2xx; R 157.331, 158.247</td>
</tr>
</tbody>
</table>

Specialisation courses:
At least 15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>161.220</td>
<td>Data Analysis</td>
<td>15</td>
<td>P One of 115.101, 161.100–161.130; R 161.250</td>
</tr>
<tr>
<td>161.221</td>
<td>Applied Linear Models</td>
<td>15</td>
<td>P One of 115.101 or 161.100–161.130; R 161.320</td>
</tr>
<tr>
<td>161.250</td>
<td>Data Analysis for Biologists</td>
<td>15</td>
<td>P 157.101 or 161.100–161.130; R 161.220</td>
</tr>
</tbody>
</table>

At least 15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>159.201</td>
<td>Algorithms and Data Structures</td>
<td>15</td>
<td>P 159.101, 159.102; R 159.271</td>
</tr>
<tr>
<td>160.211</td>
<td>Linear Algebra</td>
<td>15</td>
<td>P 160.102 or 160.112 or 160.133 or 228.172</td>
</tr>
</tbody>
</table>

At least 15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>161.323</td>
<td>Multivariate Analysis</td>
<td>15</td>
<td>P 161.2xx</td>
</tr>
<tr>
<td>161.324</td>
<td>Data Mining</td>
<td>15</td>
<td>P 161.220 or 161.221 or 161.250; R 161.223, 161.777</td>
</tr>
</tbody>
</table>

At least 15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>159.302</td>
<td>Software Architecture</td>
<td>15</td>
<td>P 158.212 or 159.234 or 159.270</td>
</tr>
<tr>
<td>159.302</td>
<td>Artificial Intelligence</td>
<td>15</td>
<td>P 159.201 or 159.202 or 159.211</td>
</tr>
<tr>
<td>161.323</td>
<td>Multivariate Analysis</td>
<td>15</td>
<td>P 161.2xx</td>
</tr>
</tbody>
</table>

Information Systems
Specialisation courses:
At least 30 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>157.216</td>
<td>Management, Analytics and Decision Making</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>157.240</td>
<td>Social Media Networks for Business</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>157.241</td>
<td>Technology Trends for Organisations</td>
<td>15</td>
<td>P 157.150 or 115.107 or 158.1xx; R 157.242</td>
</tr>
</tbody>
</table>

Not more than 15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>152.233</td>
<td>Fundamentals of Entrepreneurship and Innovation</td>
<td>15</td>
<td>R 152.230</td>
</tr>
<tr>
<td>152.234</td>
<td>Business Model Innovation</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>
At least 45 credits from:

- 152.350 Strategic Management and Governance (15 credits)
- Organisational Knowledge Management (15 credits)
- Technology Governance and Risk Management (15 credits)
- Managing Technology Projects and Programmes (15 credits)

Not more than 15 credits from:

- Leadership Practice (15 credits)
- The Internet of Things and Cloud Computing (15 credits)
- Database Development (15 credits)

Information Technology

Specialisation courses:

At least 30 credits from:

- 158.212 Application Software Development (15 credits)
- 158.225 Systems Analysis and Modelling (15 credits)
- 158.235 Networks, Security and Privacy (15 credits)
- 158.244 System Management and Testing (15 credits)
- 158.247 Database Design (15 credits)
- 158.258 Web Development (15 credits)

No more than 15 credits from:

- 157.216 Management, Analytics and Decision Making (15 credits)
- Social Media Networks for Business (15 credits)
- Technology Trends for Organisations (15 credits)

At least 60 credits from:

- 158.326 Software Architecture (15 credits)
- 158.335 The Internet of Things and Cloud Computing (15 credits)
- 158.337 Database Development (15 credits)
- 158.345 Professionalism in the Information Sciences (15 credits)
- 158.347 Database Paradigms (15 credits)
- 158.359 User Experience Design (15 credits)

No more than 15 credits from:

- Organisational Knowledge Management (15 credits)
- Technology Governance and Risk Management (15 credits)
- Managing Technology Projects and Programmes (15 credits)

Software Engineering

Note: The Software Engineering joint endorsement requires one project from Schedule B.

Specialisation courses:

At least 30 credits from:

- 158.212 Application Software Development (15 credits)
- Data Wrangling and Machine Learning (15 credits)

Software Paradigms (15 credits)

At least 30 credits from:

- 158.326 Software Architecture (15 credits)
- 158.333 Applied Machine Learning and Data Visualisation (15 credits)
- 158.335 The Internet of Things and Cloud Computing (15 credits)
- 158.337 Database Development (15 credits)
- 158.345 Professionalism in the Information Sciences (15 credits)
- 158.347 Database Paradigms (15 credits)
- 158.359 User Experience Design (15 credits)

At least 30 credits from:

- 159.302 Artificial Intelligence (15 credits)
- 159.331 Algorithms and Languages (15 credits)
- 159.334 Computer Networks (15 credits)
- 159.335 Concurrent Programming and Operating Systems (15 credits)
- 159.336 Mobile Application Development (15 credits)
- 159.339 Internet Programming (15 credits)
- 159.352 Advanced Web Development (15 credits)
- 159.354 Data Communication Networks (15 credits)
- 159.355 Concurrent Systems (15 credits)
- 159.360 Programming for Computer Graphics (15 credits)
- 159.372 Intelligent Machines (15 credits)

Schedule B: Electives

A maximum of 30 credits from:

- 152.399 Integrative Management (15 credits)
- 158.383 Information Technology Project (15 credits)
- 159.333 Programming Project (15 credits)
- 159.356 Software Engineering Capstone Project (15 credits)
- 247.310 ICT Industry Engagement Project (30 credits)
Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Graduate Diploma in Journalism Studies requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) shall have been awarded or qualified for an undergraduate degree or an equivalent qualification; or
   (c) have been admitted to the qualification on the basis of equivalent relevant professional experience.

Qualification Requirements

2. Candidates for the Graduate Diploma in Journalism Studies shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) courses selected from the Schedule to the Qualification;
   (b) at least 120 credits above 100 level of which at least 75 credits must be at 300 level;
   And including:
   (c) any compulsory courses listed in the Schedule for the Qualification;
   (d) attending field trips, studios, workshops, tutorials and laboratories as required.

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Graduate Diploma in Logistics and Supply Chain Management requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a relevant Bachelor’s degree or equivalent; or
   (c) have completed at least four years of relevant professional experience, or equivalent.

Qualification Requirements

2. Candidates for the Graduate Diploma in Logistics and Supply Chain Management shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) at least 75 credits at 300 level;
   and including:
   (b) any compulsory courses listed in the Schedule for the Diploma;
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations

3. The Graduate Diploma in Logistics and Supply Chain Management is awarded without an endorsement.

Student Progression

4. In cases of sufficient merit, the Graduate Diploma in Logistics and Supply Chain Management may be awarded with Distinction, provided that the Diploma has been completed within one year of first enrolling in full-time study or within three years of first enrolling in part-time study.

Completion Requirements

5. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress

7. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Graduate Diploma in Journalism Studies

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>219.204</td>
<td>News Media Processes</td>
<td>15 R 114.264</td>
</tr>
<tr>
<td>219.231</td>
<td>Introduction to Journalism</td>
<td>15</td>
</tr>
<tr>
<td>219.234</td>
<td>Editing and Publishing</td>
<td>15</td>
</tr>
<tr>
<td>219.305</td>
<td>Public Relations Management</td>
<td>15 P 219.209; R 114.363</td>
</tr>
<tr>
<td>219.335</td>
<td>Media Law and Ethics</td>
<td>15 R 219.331</td>
</tr>
<tr>
<td>219.336</td>
<td>Investigative Reporting</td>
<td>15 R 219.332</td>
</tr>
<tr>
<td>219.339</td>
<td>History of Journalism</td>
<td>15</td>
</tr>
<tr>
<td>219.340</td>
<td>Feature Writing and Freelancing</td>
<td>15 P 219.231; R 219.232</td>
</tr>
</tbody>
</table>

Schedule for the Graduate Diploma in Logistics and Supply Chain Management

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>240.260</td>
<td>Logistics and Supply Chain Fundamentals</td>
<td>15 R 115.260</td>
</tr>
<tr>
<td>240.263</td>
<td>Logistics Operations</td>
<td>15 R 240.261</td>
</tr>
</tbody>
</table>
The Graduate Diploma in Occupational Health and Safety
GradDipOHS

Qualification Regulations
Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II
Admission
1. Admission to the Graduate Diploma in Occupational Health and Safety requires that the candidate will:
   (a) meet the University admission requirements as specified;
   (b) have been awarded or qualified for a relevant Bachelor’s degree or equivalent; and
   (c) have completed at least two years of relevant professional experience or equivalent.

Qualification Requirements
2. Candidates for the Graduate Diploma in Occupational Health and Safety shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) at least 75 credits at 300-level;
   and including:
   (b) any compulsory courses listed in the Schedule for the Qualification;
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.
3. Candidates seeking graduate membership of the Institution of Occupational Safety and Health (UK) must include courses 114.240, 251.370 and 251.372.

Specialisations
4. The Graduate Diploma in Occupational Health and Safety is awarded without an endorsement.

Student Progression
5. In cases of sufficient merit, the Graduate Diploma in Occupational Health and Safety may be awarded with distinction or merit provided that the programme of study does not extend beyond 36 months of part-time study.

Completion Requirements
6. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

7. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Transitional Provisions
8. All candidates commencing study towards the Graduate Diploma in Occupational Health and Safety on or after 1 January 2017 must satisfy the requirements specified in these regulations.
9. All candidates who commenced study towards the Graduate Diploma in Occupational Safety and Health prior to 1 January 2017 may complete under the Graduate Diploma in Occupational Safety and Health regulations in the 2016 Massey University Calendar until 31 December 2020.
10. In all cases candidates must complete the qualification within the timeframes for completion as specified in the Completion Requirements.
11. These transition arrangements expire in 2020.

 Unsatisfactory Academic Progress
12. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Graduate Diploma in Occupational Health and Safety (120 credits)
Compulsory courses (90 credits):
251.271 Occupational Health and Safety I 15
251.272 Occupational Health and Safety II 15
128.300 Ergonomics/ Human Factors: Work, Performance, Health and Design 15
251.374 Project in Occupational Safety and Health 15 P 251.271 and 251.272 or 114.271 or 114.272
251.370 Health and Safety Auditing 15
251.372 Occupational Hygiene 15 P 251.271 and 251.272 or 114.271 or 114.272

15 credits from:
114.240 Organisational Behaviour 15
114.254 Employment Relations 15
128.200 Healthy Workplace Design 15

15 credits from:
251.375 Special Topic in Occupational Health and Safety 15
214.316 Bio-Physical Effects of Noise and Vibration 15
214.312 Environmental Monitoring and Investigative Methods 15

The Graduate Diploma in Quality Systems
GradDipQS

No new enrolments from 2016
Students previously enrolled in the Graduate Diploma in Quality Assurance prior to 2005 may elect to transfer to the Graduate Diploma in Quality Systems with full transfer of credit for courses already passed. Please contact the Programme Director, College of Sciences for programme approval.

Qualification Regulations
Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate...
Certiﬁcates, Graduate Diplomas, and Graduate Certiﬁcates, unless otherwise stated in Part II below.

Part II

Admission
1. Before enrolment for the Graduate Diploma in Quality Systems a candidate shall have:
   (a) qualiﬁed for the award of a university degree, a diploma or a qualiﬁcation approved for the purpose of these Regulations by the Academic Board, or have been granted admission with equivalent status as entitled to proceed to the Graduate Diploma in Quality Systems; and
   (b) satisﬁed the Academic Board that they have sufﬁcient background of professional experience to be likely to beneﬁt from the programme.

2. To qualify for the award of the Graduate Diploma in Quality Systems the candidate shall pass a total of 120 credits selected from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>287.341</td>
<td>Quality Systems Design</td>
<td>15</td>
</tr>
<tr>
<td>287.455</td>
<td>Advanced Industrial Management Practices</td>
<td>15</td>
</tr>
<tr>
<td>152.252</td>
<td>Project Management</td>
<td>15</td>
</tr>
<tr>
<td>287.737</td>
<td>Quality and People</td>
<td>15</td>
</tr>
<tr>
<td>287.736</td>
<td>Service Quality</td>
<td>15</td>
</tr>
</tbody>
</table>

Plus 15 credits selected from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>287.342</td>
<td>Or 287.343; R 287.455</td>
<td></td>
</tr>
<tr>
<td>119.180</td>
<td>Or 119.373</td>
<td></td>
</tr>
<tr>
<td>152.304</td>
<td>Or 152.366</td>
<td></td>
</tr>
<tr>
<td>240.280</td>
<td>Or 240.290</td>
<td></td>
</tr>
<tr>
<td>287.342</td>
<td>Or 287.343; R 143.455</td>
<td></td>
</tr>
<tr>
<td>143.469</td>
<td>Or 143.489</td>
<td></td>
</tr>
</tbody>
</table>

Notes
1. Any 700-level course taken in the GDipQS that is also offered in the PGDipQS may not subsequently be counted in the PGDipQS, or re-taken by any student progressing from GDipQS to PGDipQS
2. A maximum of 45 credits may be taken in 200-level courses.
3. Students whose work is of outstanding merit throughout the programme and in the Diploma examinations shall, on the recommendation of the examiners and the Academic Board, be awarded the Diploma with Distinction.

The Graduate Diploma in Rural Studies
GradDipRurStud

No new enrolments from 2017

Qualiﬁcation Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certiﬁcates, Graduate Diplomas, and Graduate Certiﬁcates.

Part II

Admission

1. Admission to the Graduate Diploma in Rural Studies requires that the candidate will:
   (a) meet the University admission requirements as speciﬁed; and
   (b) have been awarded or qualiﬁed for a Bachelor’s degree or equivalent qualiﬁcation.

Qualiﬁcation Requirements

2. Candidates for the Graduate Diploma in Rural Studies shall follow a ﬂexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) at least 60 credits from the Schedule to the Qualiﬁcation;
   (b) at least 75 credits at 300 level;
   (c) any compulsory courses listed in the Schedule to the Qualiﬁcation;
   and
   (d) attending contact workshops, block courses, ﬁeld trips, studios, workshops, tutorials, and laboratories as required.

Specialisations

3. Candidates may complete the Graduate Diploma in Rural Studies with or without an endorsement.

4. Candidates may complete one endorsement only by passing at least 60 credits in the endorsement. The requirements for each endorsement are set out in the Schedule for the Qualiﬁcation.

5. Endorsements available are: Agribusiness; Animal Production; Equine Management; Farm Forestry; Farm Management; Land Use Management; Landscape Management; Life Cycle Management; Lifestyle Farming; Livestock Improvement; Natural Resource Management; Pastoral Agriculture; Plant Protection; Production Horticulture; Ruminant Nutrition; Rural Banking; Rural Valuation; and Value Chain Management.

Compulsory courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>112.248</td>
<td>Food and Agribusiness Value Chains</td>
<td>15</td>
</tr>
<tr>
<td>112.302</td>
<td>Food and Agribusiness Strategies</td>
<td>15</td>
</tr>
<tr>
<td>178.358</td>
<td>International Trade in Agri-Food Products</td>
<td>15</td>
</tr>
<tr>
<td>239.373</td>
<td>AgriCommerce Capstone</td>
<td>15</td>
</tr>
</tbody>
</table>

15 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>119.373</td>
<td>Integrative Studies</td>
<td>15</td>
</tr>
</tbody>
</table>
| 117.357    | R 117.351, 117.352, 117.353, 117.354, 117.355, 117.346

Student Progression

6. In cases of sufﬁcient merit, the Graduate Diploma in Rural Studies may be awarded with distinction.

Completion Requirements

7. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certiﬁcates, Graduate Diplomas, and Graduate Certiﬁcates will apply.

8. Candidates may be graduated when they meet the Admission, Qualiﬁcation and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress

9. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Graduate Diploma in Rural Studies

Agribusiness

Compulsory courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>112.248</td>
<td>Food and Agribusiness Value Chains</td>
<td>15</td>
</tr>
<tr>
<td>112.302</td>
<td>Food and Agribusiness Strategies</td>
<td>15</td>
</tr>
<tr>
<td>178.358</td>
<td>International Trade in Agri-Food Products</td>
<td>15</td>
</tr>
</tbody>
</table>

Animal Production

Compulsory courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>117.152</td>
<td>Animals and Agriculture</td>
<td>15</td>
</tr>
<tr>
<td>117.254</td>
<td>Principles of Animal Science and Production</td>
<td>15</td>
</tr>
<tr>
<td>117.371</td>
<td>Animal Production</td>
<td>15</td>
</tr>
<tr>
<td>117.34x</td>
<td></td>
<td>15</td>
</tr>
</tbody>
</table>
Compulsory courses (at least 60 credits):
- 286.251 Equine Behaviour, Training and Welfare 15 R 117.256
- 286.211 Equine Reproduction and Breeding 15 R 117.258
- 286.222 The Equine Lower Limb 15 P One of 117.161, 286.131, 117.154 or 286.101; R 117.260, 117.171
- 286.221 Structure and Function of the Equine Athlete 15 P 119.154 or 286.131 or 117.161 or 214.171; R 117.259
- 286.321 Responses to Training in the Equine Athlete 15 P 286.221 or 117.259; R 117.359
- 286.701 Advanced Equine Production 15 R 117.777
- 286.711 Equine Science 15 R 117.763

Farm Forestry
Compulsory courses:
- 283.101 Plants in Agriculture 15 R 171.102
- 283.321 Trees on Farms 15 R 171.304
- 283.322 Landscape Revegetation 15 R 171.364
- 189.363 Soil Resources and Sustainable Land Use 15 P One of 189.251, 189.252, 233.210 or 233.310

Farm Management
Compulsory courses:
- 119.281 Decision Tools for Primary Industries 15 P 119.180 and 161.140, and one of 117.152, 189.151, 283.101, 284.101, 286.101; R 111.231, 111.251, 284.101
- 119.358 Agricultural Production Systems 15 C 119.981; R 119.357
- 119.381 Decision-Making in Primary Industry 15 P One of 119.281, 111.251, 111.231; R 111.351
- 119.382 Opportunity Analysis in Primary Industry 15 P One of 119.381 or 111.351; R 111.352, 127.355

Land Use Management
Compulsory courses:
- 189.251 Soil Fertility and Fertilisers 15 P 189.151 or 189.142
- 119.281 Decision Tools for Primary Industries 15 P 119.180 and 161.140, and one of 117.152, 189.151, 283.101, 284.101, 286.101; R 111.231, 111.251, 111.252
- 119.381 Decision-Making in Primary Industry 15 P One of 119.281, 111.251, 111.231; R 111.351
- 233.251 GIS and Remote Sensing 15 P 233.101 or 189.151 or 145.121 or 158.100; R 233.201, 233.204

Landscape Management
Compulsory courses:
- 121.103 New Zealand Environments 15
- 188.263 Environmental Science I 15 P 121.103
- 283.322 Landscape Revegetation 15 R 171.364
- 284.322 Managing the Landscape 15 P 188.263 or 121.212; R 171.365

Life Cycle Management
Compulsory courses:
- 112.248 Food and Agribusiness Value Chains 15 P 119.180
- 115.113 Economics for Business 15 R 115.106
- 178.358 International Trade in Agri-Food Products 15 P Any 178.1xx course or 119.156; R 178.357
- 238.700 Life Cycle Assessment (LCA) and Footprinting Principles 15 P 160.1xx or 161.1xx

Lifestyle Farming
Compulsory courses:
- 189.151 Soil Properties and Processes 15 P 119.153 or 123.101 or 120 credits; R 189.142

Compulsory courses (at least 60 credits):
- 283.201 Pasture and Crop Agronomy 15 P 283.101 or 120.101; R 171.202

1.5 credits from
- 117.254 Principles of Animal Science and Production 15 P 194.101 or 199.101 or 119.154 or 117.152
- 284.201 Horticultural Production Systems 15 P 284.101; R 171.227

1.5 credits from
- 117.3xx
- 283.3xx
- 284.3xx

Livestock Improvement
Compulsory courses:
- 117.254 Principles of Animal Science and Production 15 P 194.101 or 199.101 or 119.154 or 117.152
- 117.345 Genetics for Livestock Improvement 15 P 117.254 or 203.202
- 117.371 Animal Production 15 P 117.254; R 117.351, 117.352, 117.353, 117.354, 117.355, 117.346
- 117.7xx 15

Natural Resource Management
Compulsory courses:
- 115.113 Economics of Business 15 R 115.106
- 188.263 Environmental Science I 15 P 121.103
- 188.363 Environmental Science II 15 P 188.263
- 178.360 Natural Resource and Environmental Economics 15

Pastoral Agriculture
Compulsory courses:
- 189.151 Soil Properties and Processes 15 P 119.153 or 123.101 or 120 credits; R 189.142
- 117.254 Principles of Animal Science and Production 15 P 194.101 or 199.101 or 119.154 or 117.152
- 283.201 Pasture and Crop Agronomy 15 P 283.101 or 120.101; R 171.202
- 283.301 Pasture Production and Practice 15 P 217.202 or 283.201; R 171.301

Plant Protection
Compulsory courses:
- 285.201 Understanding Plant Protection 15 P 120.101 or 283.101 or 284.101; R 171.284
- 283.311 Controlling Weeds 15 P 120.101 or 171.102 or 283.101; R 171.356
- 285.301 Controlling Plant Pests and Diseases 15 P 285.201 or 171.284 or 283.201 or 171.202; R 171.357

1.5 credits from
- 283.201 Pasture and Crop Agronomy 15 P 283.101 or 120.101; R 171.202
- 284.201 Horticultural Production Systems 15 P 284.101; R 171.227

Production Horticulture
Compulsory courses:
- 119.281 Decision Tools for Primary Industries 15 P 119.180 and 161.140, and one of 117.152, 189.151, 283.101, 284.101, 286.101; R 111.231, 111.251, 284.101
- 284.201 Horticultural Production Systems 15 P 284.101; R 171.227
- 284.301 Horticultural Crop Development and Yield 15 P One of 171.227 or 284.201; R 171.327, 171.328, 171.351
- 284.342 Horticultural Productivity and Quality 15 P 171.227 or 284.201; R 171.328, 171.329, 171.352

Back to Contents
Ruminant Nutrition
Compulsory courses:
- 117.254 Principles of Animal Science and Production 15 P 194.101 or 199.101 or 119.154 or 117.152
- 119.281 Decision Tools for Primary Industries 15 P 119.180 and 161.140, and one of 117.152, 189.151, 283.101, 284.101, 286.101, R 111.231, 111.251, 111.252
- 117.342 Animal Nutrition 15 P 117.254
- 117.761 Ruminant Livestock Feeding 15 P 117.342 or 117.731 or 117.381

Rural Banking
Compulsory courses:
- 119.281 Decision Tools for Primary Industries 15 P 119.180 and 161.140, and one of 117.152, 189.151, 283.101, 284.101, 286.101, R 111.231, 111.251, 111.252
- 119.381 Decision-Making in Primary Industry 15 P 119.281, or 111.251 or 111.231; R 111.351
- 119.382 Opportunity Analysis in Primary Industry 15 P 119.381 or 111.351; R 111.352, 127.356
- 127.2xx 15

The Graduate Diploma in Science and Technology
GDipScTech

Qualification Regulations
Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II
Admission
1. Admission to the Graduate Diploma in Science and Technology requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a relevant Bachelor’s degree, or equivalent; or
   (c) have been admitted to the qualification on the basis of equivalent relevant professional experience.

Qualification Requirements
2. Candidates for the Graduate Diploma in Science and Technology shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits comprising:
   (a) at least 75 credits at 300 level or higher;
   (b) a selection of courses approved by the Academic Board (or its delegate) from the Schedule to the Qualification; and including:
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
3. The Graduate Diploma in Science and Technology is not awarded with an endorsement.

Completion Requirements
4. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.
5. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes. Candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Graduate Certificate in Science and Technology or Certificate in Science and Technology should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
6. The general Unsatisfactory Academic Progress regulations will apply.

Rural Valuation
Compulsory courses:
- 119.231 Agricultural and Horticultural Infrastructure 15 R 138.382, 218.274, 217.274, 138.331
- 119.382 Opportunity Analysis in Primary Industry 15 P 119.381 or 111.351; R 111.352, 127.355
- 127.356 Rural Valuation 15 P 127.255 or 127.242
15 credits from
- 127.242 Introduction to Property Valuation 15 R 127.256
- 127.255 Rural Valuation I 15 R 127.242

Value Chain Management
Compulsory courses:
- 112.248 Food and Agribusiness Value Chains 15 P 119.180
- 112.302 Food and Agribusiness Strategies 15 P 112.248
- 240.263 Logistics Operations 15 R 240.261
- 240.366 Global Logistics 15 P 240.260 or 240.263; R 240.261

Transitional Provisions
7. All candidates commencing study towards the Graduate Diploma in Science and Technology on or after 1 January 2017 must satisfy the requirements specified in these regulations.
8. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the qualification, all candidates who commenced study towards the Graduate Diploma in Science prior to 1 January 2017, may complete the Graduate Diploma in Science under the 2016 regulations.
9. In all cases candidates must complete the qualification within the timeframes for completion as specified in the Completion Requirements.
10. These transition arrangements expire on 31 December 2018.

Schedule for the Graduate Diploma in Science and Technology
112.248 Food and Agribusiness Value Chains 15 P 119.180
112.301 International Food and Agribusiness Strategies 15 P 112.248
112.302 Food and Agribusiness Strategies 15 P 112.248
117.152 Animals and Agriculture 15 R 117.151, 199.101
117.254 Principles of Animal Science and Production 15 P 119.101 or 199.101 or 119.154 or 117.152
117.381 Solving Problems in Animal Production 15 P 117.254
119.258 Agricultural Systems 15 P 119.281
119.281 Decision Tools for Primary Industries 15 P 119.180 and 161.140, and one of 117.152, 189.151, 283.101, 284.101, 286.101, R 111.231, 111.251, 111.252
119.381 Decision-Making in Primary Industry 15 P One of 119.281, 111.251, 111.231; R 111.351
119.382 Opportunity Analysis in Primary Industry 15 P 119.381 or 111.351; R 111.352, 127.355
120.217 Plant, Cell and Environment 15 P 120.101, 162.101 or 119.154; R 171.346
120.218 The Flora of New Zealand 15 P 120.101
120.219 Plants and People 15
120.302 Plant Development 15 P 120.211
120.303 Plant Biodiversity 15 P 120.211
120.304 Plant Biotechnology 15 P 120.101, 203.202 or 122.231; R 120.216
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>121.103</td>
<td>New Zealand Environments</td>
<td>15</td>
</tr>
<tr>
<td>121.210</td>
<td>Environmental Issues</td>
<td>15</td>
</tr>
<tr>
<td>121.211</td>
<td>New Zealand Environmental Issues</td>
<td>15</td>
</tr>
<tr>
<td>121.212</td>
<td>Environmental Science Field Work I</td>
<td>15</td>
</tr>
<tr>
<td>121.310</td>
<td>Environmental Solutions</td>
<td>15</td>
</tr>
<tr>
<td>121.311</td>
<td>Global Environmental Issues</td>
<td>15</td>
</tr>
<tr>
<td>121.312</td>
<td>Environmental Science Field Work II</td>
<td>15</td>
</tr>
<tr>
<td>121.313</td>
<td>Applied River Management</td>
<td>15</td>
</tr>
<tr>
<td>122.231</td>
<td>Genes and Gene Expression</td>
<td>15</td>
</tr>
<tr>
<td>122.232</td>
<td>Protein Biochemistry</td>
<td>15</td>
</tr>
<tr>
<td>122.233</td>
<td>Metabolic Biochemistry</td>
<td>15</td>
</tr>
<tr>
<td>123.303</td>
<td>Gene Regulation</td>
<td>15</td>
</tr>
<tr>
<td>123.322</td>
<td>Protein Structure and Function</td>
<td>15</td>
</tr>
<tr>
<td>123.201</td>
<td>Chemical Energetics</td>
<td>15</td>
</tr>
<tr>
<td>123.202</td>
<td>Organic and Biological Chemistry</td>
<td>15</td>
</tr>
<tr>
<td>123.203</td>
<td>Inorganic Chemistry and Modelling</td>
<td>15</td>
</tr>
<tr>
<td>123.204</td>
<td>Chemical and Biochemical Analysis</td>
<td>15</td>
</tr>
<tr>
<td>123.206</td>
<td>Environmental and Analytical Chemistry</td>
<td>15</td>
</tr>
<tr>
<td>123.210</td>
<td>Organic Chemistry Perspectives</td>
<td>15</td>
</tr>
<tr>
<td>123.271</td>
<td>Molecules to Materials</td>
<td>15</td>
</tr>
<tr>
<td>123.310</td>
<td>Advanced Concepts in Organic Chemistry</td>
<td>15</td>
</tr>
<tr>
<td>123.311</td>
<td>Advanced Physical and Analytical Chemistry</td>
<td>15</td>
</tr>
<tr>
<td>123.312</td>
<td>Advanced Organic Chemistry</td>
<td>15</td>
</tr>
<tr>
<td>123.313</td>
<td>Advanced Inorganic Chemistry</td>
<td>15</td>
</tr>
<tr>
<td>123.326</td>
<td>Advanced Chemical Biology</td>
<td>15</td>
</tr>
<tr>
<td>123.331</td>
<td>Advanced Physical and Computational Chemistry</td>
<td>15</td>
</tr>
<tr>
<td>123.332</td>
<td>Advanced Topics in Chemistry</td>
<td>30</td>
</tr>
<tr>
<td>124.226</td>
<td>Quantum and Statistical Physics</td>
<td>15</td>
</tr>
<tr>
<td>124.229</td>
<td>Special Relativity and Cosmology</td>
<td>15</td>
</tr>
<tr>
<td>124.230</td>
<td>Biophysics</td>
<td>15</td>
</tr>
<tr>
<td>124.233</td>
<td>Classical Mechanics and Waves</td>
<td>15</td>
</tr>
<tr>
<td>124.316</td>
<td>Advanced Experimental Physics</td>
<td>15</td>
</tr>
<tr>
<td>124.325</td>
<td>Advanced Quantum Physics</td>
<td>15</td>
</tr>
<tr>
<td>124.327</td>
<td>Modern Statistical Physics and Thermodynamics</td>
<td>15</td>
</tr>
<tr>
<td>124.332</td>
<td>Classical Fields</td>
<td>15</td>
</tr>
<tr>
<td>128.300</td>
<td>Ergonomics/Human Factors: Work, Performance, Health and Design</td>
<td>15</td>
</tr>
<tr>
<td>141.211</td>
<td>Food Technology 3: Product Development</td>
<td>15</td>
</tr>
<tr>
<td>141.212</td>
<td>Food Technology 4: Manufacturing</td>
<td>15</td>
</tr>
<tr>
<td>141.311</td>
<td>Food Technology 5: Food Microbiology and Safety</td>
<td>15</td>
</tr>
<tr>
<td>141.312</td>
<td>Food Technology 6: Food Characterisation</td>
<td>15</td>
</tr>
<tr>
<td>141.382</td>
<td>Food Formulation Technology</td>
<td>15</td>
</tr>
<tr>
<td>141.395</td>
<td>Food Chemistry</td>
<td>15</td>
</tr>
<tr>
<td>141.458</td>
<td>Nutrition and Food Choice</td>
<td>15</td>
</tr>
<tr>
<td>141.723</td>
<td>Industrial Systems Improvement</td>
<td>15</td>
</tr>
<tr>
<td>145.202</td>
<td>Working with Geographic Data</td>
<td>15</td>
</tr>
<tr>
<td>145.213</td>
<td>Resource Conservation and Sustainability</td>
<td>15</td>
</tr>
<tr>
<td>145.214</td>
<td>Social Change and Environment</td>
<td>15</td>
</tr>
<tr>
<td>145.216</td>
<td>Urban Environments</td>
<td>15</td>
</tr>
<tr>
<td>145.218</td>
<td>Development and Inequality</td>
<td>15</td>
</tr>
<tr>
<td>145.222</td>
<td>Rivers and Slopes</td>
<td>15</td>
</tr>
<tr>
<td>145.223</td>
<td>Climate Change and Natural Hazards</td>
<td>15</td>
</tr>
<tr>
<td>145.224</td>
<td>Biogeography</td>
<td>15</td>
</tr>
<tr>
<td>145.230</td>
<td>Coastal Environments</td>
<td>15</td>
</tr>
<tr>
<td>145.301</td>
<td>Research Practice in Human Geography</td>
<td>15</td>
</tr>
<tr>
<td>145.303</td>
<td>Field Work: Alpine Physical Geography</td>
<td>15</td>
</tr>
<tr>
<td>145.304</td>
<td>Applied Field Geomorphology</td>
<td>15</td>
</tr>
<tr>
<td>145.311</td>
<td>Geographies of Globalisation</td>
<td>15</td>
</tr>
<tr>
<td>145.318</td>
<td>Geopolitics</td>
<td>15</td>
</tr>
<tr>
<td>145.320</td>
<td>Quaternary Biogeography and Environmental Change</td>
<td>15</td>
</tr>
<tr>
<td>145.327</td>
<td>Catchment Dynamics</td>
<td>15</td>
</tr>
<tr>
<td>151.231</td>
<td>Food Chemistry for Nutrition</td>
<td>15</td>
</tr>
<tr>
<td>151.232</td>
<td>Nutrition and Metabolism</td>
<td>15</td>
</tr>
<tr>
<td>151.331</td>
<td>Maternal and Child Nutrition</td>
<td>15</td>
</tr>
<tr>
<td>151.332</td>
<td>Nutrition for Sport and Performance</td>
<td>15</td>
</tr>
<tr>
<td>151.333</td>
<td>Adult Nutrition and Positive Ageing</td>
<td>15</td>
</tr>
<tr>
<td>151.334</td>
<td>Nutrition Communication and Promotion</td>
<td>15</td>
</tr>
<tr>
<td>151.344</td>
<td>Principles of Nutrition</td>
<td>15</td>
</tr>
<tr>
<td>152.252</td>
<td>Project Management</td>
<td>15</td>
</tr>
<tr>
<td>152.261</td>
<td>International Business</td>
<td>15</td>
</tr>
<tr>
<td>152.356</td>
<td>Leadership Practice</td>
<td>15</td>
</tr>
<tr>
<td>152.350</td>
<td>Strategic Management and Governance</td>
<td>15</td>
</tr>
<tr>
<td>156.231</td>
<td>Strategic Marketing Management</td>
<td>15</td>
</tr>
<tr>
<td>156.339</td>
<td>Omni-Channel Retail Marketing</td>
<td>15</td>
</tr>
<tr>
<td>160.203</td>
<td>Calculus</td>
<td>15</td>
</tr>
<tr>
<td>160.204</td>
<td>Differential Equations I</td>
<td>15</td>
</tr>
<tr>
<td>160.211</td>
<td>Linear Algebra</td>
<td>15</td>
</tr>
<tr>
<td>160.212</td>
<td>Discrete Mathematics</td>
<td>15</td>
</tr>
<tr>
<td>160.301</td>
<td>Analysis</td>
<td>15</td>
</tr>
<tr>
<td>160.302</td>
<td>Algebra</td>
<td>15</td>
</tr>
<tr>
<td>160.314</td>
<td>Combinatorics</td>
<td>15</td>
</tr>
<tr>
<td>160.318</td>
<td>Differential Equations II</td>
<td>15</td>
</tr>
<tr>
<td>160.319</td>
<td>Mathematical Modelling</td>
<td>15</td>
</tr>
<tr>
<td>160.320</td>
<td>Mathematics in Education</td>
<td>15</td>
</tr>
<tr>
<td>161.200</td>
<td>Statistical Models</td>
<td>15</td>
</tr>
<tr>
<td>161.250</td>
<td>Data Analysis for Biologists</td>
<td>15</td>
</tr>
<tr>
<td>162.211</td>
<td>Biology and Genetics of Microorganisms</td>
<td>15</td>
</tr>
<tr>
<td>162.212</td>
<td>The Microbial World</td>
<td>15</td>
</tr>
<tr>
<td>162.214</td>
<td>Biology of Microorganisms</td>
<td>15</td>
</tr>
<tr>
<td>162.283</td>
<td>Medical Microbiology</td>
<td>15</td>
</tr>
</tbody>
</table>
Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Graduate Diploma of Teaching (Early Childhood Education) requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) hold a New Zealand teacher education (Primary) degree of at least 360 credits or a New Zealand teacher education (Primary) three-year diploma of at least 360 credits, or equivalent which meets the requirements of the Education Council of Aotearoa New Zealand for registration as a teacher in New Zealand;
   OR
   (c) hold an overseas teacher education (Primary) degree of at least 360 credits or overseas teacher education (Primary) three-year diploma of at least 360 credits or equivalent, and be registered as a teacher with the Education Council of Aotearoa New Zealand;
   OR
   (d) have been awarded or qualified for a Bachelor’s degree of at least 360 credits, or equivalent; and
   (e) hold a qualification(s) approved by the Education Council of Aotearoa New Zealand as appropriate for entry; and
   (f) have completed approved courses in education to the value of at least 30 credits.

2. In all cases candidates are required to have:
   (a) demonstrated competence in literacy and numeracy; and
   (b) achieved an Academic IELTS score of at least 7.0 with no band less than 7.0 within the preceding two years, if English is not the applicant’s first language; and
   (c) met the requirements for registration as set down by the Education Council of Aotearoa New Zealand, in terms of good character and fitness to be a teacher.

3. Admission to the Graduate Diploma of Teaching (Early Childhood Education) will be granted or withheld on consideration of the admission requirements specified under Regulations 1 and 2, a Police Vetting report and a selection process which may include a written application, interview, and written and/or practical exercises as may be determined by the Academic Board or their delegate.

Qualification Requirements

4. Candidates for the Graduate Diploma of Teaching (Early Childhood Education) shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) the Professional Studies and Teaching Experience courses listed in Schedule A of the Graduate Diploma of Teaching (Early Childhood Education) Schedule (75 credits); and
   (b) the Curriculum Subject Studies courses listed in Schedule B of the Graduate Diploma of Teaching (Early Childhood Education) Schedule (45 credits); and
   (c) attending professional practice and community placements, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations

5. The Graduate Diploma of Teaching (Early Childhood Education) is awarded without specialisation.

Academic Requirements

6. Every candidate for the Graduate Diploma of Teaching (Early Childhood Education) shall perform to the satisfaction of the Academic Board or their delegate at least 14 weeks of supervised clinical practice, in accordance with the requirements of the following courses:
   (a) 265.470 ECE Professional Inquiry and Practice 1;
(b) 265.485 ECE Professional Inquiry and Practice 2.

Student Progression

7. Should a student in the Graduate Diploma of Teaching (Early Childhood Education) be charged with an offence against the law after entry into the qualification, the student must advise the College Pro Vice-Chancellor or their nominee of the charge within three working days.

8. If the Academic Board or their delegate is of the opinion that any student does not meet in general terms the requirements set down by the Education Council of Aotearoa New Zealand for registration as a teacher in New Zealand in terms of good character and fitness to be a teacher, the student’s enrolment in the Graduate Diploma of Teaching (Early Childhood Education) programme will be refused or cancelled.

Completion Requirements

9. A candidate’s programme of study may not exceed two years of full-time study, or three years of part-time study from the date of first enrolment in a course to be credited to the Graduate Diploma of Teaching (Early Childhood Education).

10. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress

11. For candidates enrolled in the Graduate Diploma of Teaching (Early Childhood Education), the following will lead to exclusion from the qualification:

(a) failure to obtain a pass in a course in two successive attempts; or
(b) failure to pass courses totalling at least 60 academic credits or failure to pass at least 50 percent of an approved part-time programme of study in any academic year; or
(c) failure to complete the Graduate Diploma of Teaching (Early Childhood Education) within two years of full-time study, or three years of part-time study from the date of first enrolment in a course to be credited to the Graduate Diploma of Teaching (Early Childhood Education).

Schedule for the Graduate Diploma of Teaching (Early Childhood Education)

Schedule A

Professional Studies and Teaching Experience courses (75 credits)

<table>
<thead>
<tr>
<th>Course no.</th>
<th>Course name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>265.470</td>
<td>ECE Professional Inquiry and Practice 1</td>
<td>15</td>
</tr>
<tr>
<td>265.471</td>
<td>Learning and Development in Early Childhood Education Contexts</td>
<td>15</td>
</tr>
<tr>
<td>265.472</td>
<td>Advanced Studies of Infants and Toddlers</td>
<td>15</td>
</tr>
<tr>
<td>265.476</td>
<td>Curriculum and Teacher Inquiry in ECE</td>
<td>15</td>
</tr>
<tr>
<td>265.485</td>
<td>ECE Professional Inquiry and Practice 2</td>
<td>15</td>
</tr>
<tr>
<td>265.473</td>
<td>Integrating Early Childhood Curriculum: Mathematics and Literacy</td>
<td>15</td>
</tr>
<tr>
<td>265.474</td>
<td>ECE Curriculum, Assessment, Planning and Evaluation</td>
<td>15</td>
</tr>
<tr>
<td>265.475</td>
<td>The Arts in Early Childhood Education</td>
<td>15</td>
</tr>
</tbody>
</table>

The Graduate Diploma of Teaching (Primary) GradDipTchg(Primary)

Qualification Requirements

3. Candidates for the Graduate Diploma of Teaching (Primary) shall follow a flexible programme of study, which shall consist of courses totalling at least 165 credits, comprising:

(a) the Professional Practice courses listed in Schedule A of the Graduate Diploma of Teaching (Primary) Schedule (45 credits); and
(b) the Contextual Knowledge courses listed in Schedule B of the Graduate Diploma of Teaching (Primary) Schedule (30 credits); and
(c) the Content Knowledge courses listed in Schedule C of the Graduate Diploma of Teaching (Primary) Schedule (90 credits); and
(d) attending professional practice and community placements, field trips, studios, workshops, tutorials and laboratories as required.

Specialisations

4. The Graduate Diploma of Teaching (Primary) is awarded without specialisation.

Academic Requirements

5. Every candidate for the Graduate Diploma of Teaching (Primary) shall perform to the satisfaction of the Academic Board or their delegate at least 14 weeks supervised clinical practice, in accordance with the requirements of the following courses:

(a) 278.420 Teaching Experience I;
(b) 278.423 Teaching Experience II.

Student Progression

6. Should a student in the Graduate Diploma of Teaching (Primary) be charged with an offence against the law after entry into the qualification, the student must advise the College Pro Vice-Chancellor or their nominee of the charge within three working days.

7. If the Academic Board or their delegate is of the opinion that any student does not meet in general terms the requirements set down by the Education Council of Aotearoa New Zealand for registration as a teacher in New Zealand in terms of good character and fitness to be a teacher,
the student’s enrolment in the Graduate Diploma of Teaching (Primary) programme will be refused or cancelled.

Completion Requirements

8. A candidate’s programme of study may not exceed two years of full-time study, or three years of part-time study from the date of first enrolment in a course to be credited to the Graduate Diploma of Teaching (Primary).

9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress

10. For candidates enrolled in the Graduate Diploma of Teaching (Primary), the following will lead to exclusion from the qualification:
   (a) failure to obtain a pass in a course in two successive attempts; or
   (b) failure to pass courses totalling at least 60 academic credits or failure to pass at least 50 percent of an approved part-time programme of study in any academic year; or
   (c) failure to complete the Graduate Diploma of Teaching (Primary) within two years of full-time study, or three years of part-time study from the date of first enrolment in a course to be credited to the Graduate Diploma of Teaching (Primary).

11. A person excluded under Clause 10 will only be readmitted to the Graduate Diploma of Teaching (Primary) with the approval of Academic Board or their delegate. Such approval may be withheld or granted subject to conditions.

---

**The Graduate Diploma of Teaching (Secondary)**

**GradDipTchg(Sec)**

---

### Qualification Regulations

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

**Part II**

**Admission**

1. Admission to the Graduate Diploma of Teaching (Secondary) requires that the candidate will:
   (a) meet the University admission requirements as specified; and shall
   (b) have been awarded or qualified for a Bachelor’s degree of at least 360 credits, or equivalent; and
   (c) hold a qualification(s) approved by the Education Council of Aotearoa New Zealand as appropriate for entry; and
   (d) have completed approved courses at Level 7 or Level 8 in at least one subject area deemed suitable for teaching in New Zealand secondary schools;
   (e) have demonstrated competence in literacy and numeracy; and
   (f) have achieved an Academic IELTS score of at least 7.0 with no band less than 7.0 within the preceding two years, if English is not the applicant’s first language; and
   (g) have met the requirements for registration as set down by the Education Council of Aotearoa New Zealand in terms of good character and fitness to be a teacher.

2. Admission to the Graduate Diploma of Teaching (Secondary) will be granted or withheld on consideration of the admission requirements specified under Regulation 1, a Police Vetting report and a selection process which may include a written application, interview, and written and/or practical exercises as may be determined by the Academic Board or their delegate.

---

### Qualification Requirements

3. Candidates for the Graduate Diploma of Teaching (Secondary) shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) the Teaching Studies courses listed in Schedule A of the Graduate Diploma of Teaching (Secondary) Schedule (45 credits); and
   (b) the Teaching Experience courses listed in Schedule B of the Graduate Diploma of Teaching (Secondary) Schedule (30 credits); and
   (c) 45 credits of Curriculum Subjects Studies courses as specified in Schedule C of the Graduate Diploma of Teaching (Secondary) Schedule; and
   (d) attending professional practice and community placements, field trips, studios, workshops, tutorials and laboratories as required.

### Specialisations

4. The Graduate Diploma of Teaching (Secondary) is awarded without specialisation.

### Academic Requirements

5. Every candidate for the Graduate Diploma of Teaching (Secondary) shall perform to the satisfaction of the Academic Board or their delegate at least fourteen weeks of supervised clinical practice, in accordance with the requirements of the following courses:
   (a) 260.483 Secondary Teaching Experience I;
   (b) 260.484 Secondary Teaching Experience II.

### Student Progression

6. Should a student in the Graduate Diploma of Teaching (Secondary) be charged with an offence against the law after entry into the qualification, the student must advise the College Pro Vice-Chancellor or their nominee of the charge within three working days.

7. If the Academic Board or their delegate is of the opinion that any student does not meet in general terms the requirements set down by the Education Council of Aotearoa New Zealand for registration as a teacher in New Zealand in terms of good character and fitness to be a teacher, the
student’s enrolment in the Graduate Diploma of Teaching (Secondary) programme will be refused or cancelled.

Completion Requirements
8. A candidate’s programme of study may not exceed two years of full-time study, or three years of part-time study from the date of first enrolment in a course to be credited to the Graduate Diploma of Teaching (Secondary).
9. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress
10. For candidates enrolled in the Graduate Diploma of Teaching (Secondary), the following will lead to exclusion from the qualification:
   (a) failure to obtain a pass in a course in two successive attempts; or
   (b) failure to pass courses totalling at least 60 academic credits or failure to pass at least 50 percent of an approved part-time programme of study in any academic year; or
   (c) failure to complete the Graduate Diploma of Teaching (Secondary) within two years of full-time study, or three years of part-time study from the date of first enrolment in a course to be credited to the Graduate Diploma of Teaching (Secondary).

11. A person excluded under Clause 10 will only be readmitted to the Graduate Diploma of Teaching (Secondary) with the approval of Academic Board or their delegate. Such approval may be withheld or granted subject to conditions.

Schedule for the Graduate Diploma of Teaching (Secondary)

Schedule A
Teaching studies courses (45 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>260.490</td>
<td>Teaching in Context I</td>
<td>15</td>
</tr>
<tr>
<td>260.491</td>
<td>Teaching in Context II</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>P 260.490</td>
<td></td>
</tr>
<tr>
<td>260.492</td>
<td>Teaching and Learning in a Secondary Context</td>
<td>15</td>
</tr>
</tbody>
</table>

Schedule B
Teaching experience courses (30 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>260.483</td>
<td>Secondary Teaching Experience I</td>
<td>15</td>
</tr>
<tr>
<td>260.484</td>
<td>Secondary Teaching Experience II</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>P 260.483</td>
<td></td>
</tr>
</tbody>
</table>

Schedule C
Curriculum subject studies courses (45 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>253.353</td>
<td>Guidance Principles and Practice</td>
<td>15</td>
</tr>
<tr>
<td>260.420</td>
<td>Teaching Mathematics</td>
<td>15</td>
</tr>
<tr>
<td>260.422</td>
<td>Teaching Science</td>
<td>15</td>
</tr>
<tr>
<td>260.426</td>
<td>Teaching Technology</td>
<td>15</td>
</tr>
<tr>
<td>260.429</td>
<td>Teaching Languages</td>
<td>15</td>
</tr>
<tr>
<td>260.431</td>
<td>Teaching English</td>
<td>15</td>
</tr>
<tr>
<td>260.434</td>
<td>Teaching Social Studies</td>
<td>15</td>
</tr>
<tr>
<td>260.438</td>
<td>Teaching Music</td>
<td>15</td>
</tr>
<tr>
<td>260.441</td>
<td>Teaching Health and Physical Education</td>
<td>15</td>
</tr>
<tr>
<td>260.444</td>
<td>Teaching Visual Arts</td>
<td>15</td>
</tr>
</tbody>
</table>

15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>260.421</td>
<td>Teaching Senior Mathematics</td>
<td>15</td>
</tr>
<tr>
<td>260.423</td>
<td>Teaching Senior Agriculture/Biology/Horticulture</td>
<td>15</td>
</tr>
<tr>
<td>260.427</td>
<td>Teaching Senior Technology</td>
<td>15</td>
</tr>
<tr>
<td>260.430</td>
<td>Teaching Senior Languages</td>
<td>15</td>
</tr>
<tr>
<td>260.432</td>
<td>Teaching Senior English</td>
<td>15</td>
</tr>
<tr>
<td>260.435</td>
<td>Teaching Senior History</td>
<td>15</td>
</tr>
<tr>
<td>260.437</td>
<td>Teaching Senior Commerce</td>
<td>15</td>
</tr>
<tr>
<td>260.439</td>
<td>Teaching Senior Music</td>
<td>15</td>
</tr>
<tr>
<td>260.442</td>
<td>Teaching Senior Physical Education</td>
<td>15</td>
</tr>
<tr>
<td>260.445</td>
<td>Teaching Senior Visual Arts</td>
<td>15</td>
</tr>
</tbody>
</table>

15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>260.420</td>
<td>Teaching Mathematics</td>
<td>15</td>
</tr>
<tr>
<td>260.422</td>
<td>Teaching Science</td>
<td>15</td>
</tr>
<tr>
<td>260.424</td>
<td>Teaching Senior Chemistry</td>
<td>15</td>
</tr>
<tr>
<td>260.425</td>
<td>Teaching Senior Physics</td>
<td>15</td>
</tr>
<tr>
<td>260.428</td>
<td>Teaching Graphics</td>
<td>15</td>
</tr>
<tr>
<td>260.431</td>
<td>Teaching English</td>
<td>15</td>
</tr>
<tr>
<td>260.433</td>
<td>Teaching Drama</td>
<td>15</td>
</tr>
<tr>
<td>260.434</td>
<td>Teaching Social Studies</td>
<td>15</td>
</tr>
<tr>
<td>260.436</td>
<td>Teaching Senior Geography</td>
<td>15</td>
</tr>
<tr>
<td>260.440</td>
<td>Musicanship for School Instrumental Music Teachers</td>
<td>15</td>
</tr>
<tr>
<td>260.443</td>
<td>Teaching Health</td>
<td>15</td>
</tr>
<tr>
<td>260.446</td>
<td>Teaching Senior Art History</td>
<td>15</td>
</tr>
</tbody>
</table>

The Graduate Diploma in Technology
GDipTech

No new enrolments from 2018

Students enrolled for this programme in 2017 may continue under the regulations in the 2017 Massey University Calendar.
The Graduate Certificate in Arts

The Graduate Certificate in Emergency Management

The Graduate Certificate in Science and Technology

GRADUATE CERTIFICATES

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Graduate Certificate in Arts requires that the candidate will:
   (a) meet the University admission requirements as specified; and:
   (b) have been awarded or qualified for a Bachelor’s Degree, or equivalent.

Qualification Requirements

2. Candidates for the Graduate Certificate in Arts shall follow a flexible programme of study, which shall consist of courses totalling at least 60 credits, comprising:
   (a) at least 60 credits at the 200 or 300 level from the Schedule to the Certificate;
   (b) at least 45 credits at 300 level.

Specialisations

3. The Graduate Certificate in Arts may be awarded with or without an endorsement.

4. Candidates may complete an endorsement by passing at least 45 credits in a subject area including:
   (a) at least 30 credits at 300 level;
   (b) any compulsory courses for the endorsement as listed in the Schedule.

The requirements for each endorsement are set out in the Schedule for the Qualification.


Completion Requirements

6. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

7. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements.

Unsatisfactory Academic Progress

8. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions

9. Candidates who completed courses towards the Graduate Certificate in Arts Asian Studies Endorsement prior to January 2017 may be permitted variation in excess of the stated limits in order to include these courses in the Endorsement. These transition arrangements expire 31 December 2018.

10. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates enrolled in the Graduate Certificate in Arts who have passed at least 15 credits towards a History or New Zealand Studies endorsement prior to 1 January 2018 may be permitted to substitute any course already completed towards the endorsement for a course at the same level included in the History or New Zealand Studies Schedule, including compulsory courses. These transitional provisions expire 31 December 2019.

11. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates enrolled in the Graduate Certificate in Arts who have passed at least 15 credits towards a Defence Studies endorsement prior to 1 January 2018 may be permitted to substitute any course already completed towards the endorsement for a course at the same level included in the Defence Studies Schedule. These transitional provisions expire 31 December 2019.

12. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates enrolled in the Graduate Certificate in Arts who have passed at least 15 credits towards a Social Policy Studies endorsement prior to 1 January 2018 may be permitted to substitute any course already completed towards the endorsement for a course at the same level included in the Social Policy Studies Schedule. These transitional provisions expire 31 December 2019.

13. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates enrolled in the Graduate Certificate in Arts who have passed at least 15 credits towards a Defence Studies endorsement prior to 1 January 2018 may be permitted to substitute any course already completed towards the endorsement for a course at the same level included in the Social Policy Studies Schedule. These transitional provisions expire 31 December 2019.

14. Candidates enrolled in the Graduate Certificate in Arts prior to 1 January 2018 who have completed at least 15 credits towards the Social Policy endorsement may be permitted variation in excess of the stated limits in order to complete the requirements of the endorsement. These transitional arrangements expire 31 December 2019.

Schedule for the Graduate Certificate In Arts

Endorsement courses

Asian Studies

Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>134.221</td>
<td>East Asian Philosophy</td>
<td>15</td>
</tr>
<tr>
<td>241.207</td>
<td>Chinese Diaspora</td>
<td>15</td>
</tr>
<tr>
<td>241.208</td>
<td>Contemporary Chinese Society in Literature and Film</td>
<td>15</td>
</tr>
<tr>
<td>242.205</td>
<td>Japanese Cinema</td>
<td>15</td>
</tr>
<tr>
<td>134.321</td>
<td>Indian Philosophy</td>
<td>15</td>
</tr>
<tr>
<td>146.302</td>
<td>Regional Ethnography: Asia</td>
<td>15</td>
</tr>
<tr>
<td>146.311</td>
<td>Medical Systems of China, India and the West</td>
<td>15</td>
</tr>
<tr>
<td>146.316</td>
<td>Visual Anthropology: Southasia and Global Issues</td>
<td>15</td>
</tr>
</tbody>
</table>

Chinese

Compulsory course:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>241.208</td>
<td>Contemporary Chinese Society in Literature and Film</td>
<td>15</td>
</tr>
</tbody>
</table>

The Graduate Certificate in Teaching English as an Additional Language
## Classical Studies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>201.201</td>
<td>The Pursuit of Happiness in the Classical World</td>
<td>15</td>
</tr>
<tr>
<td>201.211</td>
<td>Love and Sexuality in Ancient Greece</td>
<td>15</td>
</tr>
<tr>
<td>201.216</td>
<td>The Trojan War</td>
<td>15</td>
</tr>
<tr>
<td>201.218</td>
<td>Greek and Roman Religion</td>
<td>15</td>
</tr>
<tr>
<td>201.219</td>
<td>Greek Art and Society</td>
<td>15</td>
</tr>
<tr>
<td>201.220</td>
<td>Roman Art and Society</td>
<td>15</td>
</tr>
<tr>
<td>201.230</td>
<td>Ancient Multiculturalism: Egypt, Greece and Rome</td>
<td>15</td>
</tr>
<tr>
<td>201.313</td>
<td>Myth and Greek Tragedy</td>
<td>15</td>
</tr>
<tr>
<td>201.314</td>
<td>Imperial Rome</td>
<td>15</td>
</tr>
<tr>
<td>201.316</td>
<td>Leaders and Leadership in the Classical World</td>
<td>15</td>
</tr>
<tr>
<td>201.318</td>
<td>Greek and Roman Religion</td>
<td>15</td>
</tr>
<tr>
<td>201.319</td>
<td>Greek Art and Society</td>
<td>15</td>
</tr>
<tr>
<td>201.320</td>
<td>Roman Art and Society</td>
<td>15</td>
</tr>
</tbody>
</table>

## Creative Writing

### Compulsory courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>139.280</td>
<td>Creative Writing: Writing Creative Non-Fiction</td>
<td>15</td>
</tr>
<tr>
<td>139.380</td>
<td>Creative Writing Capstone: Building the Manuscript</td>
<td>15</td>
</tr>
</tbody>
</table>

### Elective courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>139.323</td>
<td>Script Writing</td>
<td>15</td>
</tr>
<tr>
<td>139.329</td>
<td>Advanced Fiction Writing</td>
<td>15</td>
</tr>
<tr>
<td>139.333</td>
<td>Creativity in the Community</td>
<td>15</td>
</tr>
<tr>
<td>139.340</td>
<td>The Publishing Project</td>
<td>15</td>
</tr>
<tr>
<td>139.381</td>
<td>Advanced Studies in Creative Writing</td>
<td>15</td>
</tr>
<tr>
<td>139.386</td>
<td>Life Writing</td>
<td>15</td>
</tr>
</tbody>
</table>

## Defence Studies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>149.245</td>
<td>Irregular Warfare</td>
<td>15</td>
</tr>
<tr>
<td>149.255</td>
<td>Conventional Warfare</td>
<td>15</td>
</tr>
<tr>
<td>149.265</td>
<td>Maritime Strategy</td>
<td>15</td>
</tr>
<tr>
<td>190.240</td>
<td>Air Power</td>
<td>15</td>
</tr>
<tr>
<td>149.300</td>
<td>Current Issues in Command Studies</td>
<td>15</td>
</tr>
<tr>
<td>149.315</td>
<td>Strategic Issues in Defence Studies</td>
<td>15</td>
</tr>
<tr>
<td>149.325</td>
<td>International Peacekeeping</td>
<td>15</td>
</tr>
<tr>
<td>149.335</td>
<td>Law of Armed Conflict</td>
<td>15</td>
</tr>
</tbody>
</table>

## Economics

### Compulsory courses

- At least 15 credits from:
  - 178.200 Intermediate Macroeconomics | 15 | P 178.100
  - 178.201 Intermediate Microeconomics | 15 | P 115.106 or 115.113

## Education

### Compulsory courses

- At least 15 credits from:
  - 249.286 Equity and Diversity in Education | 15
### English

An endorsement consists of 45 credits in English, including: at least 30 credits from the Endorsement List A courses; at least 30 credits at 300 level; and 15 credits at any level from the English Schedule.

**Endorsement List A courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>139.201</td>
<td>Poets and Players in Shakespeare's England</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>139.202</td>
<td>Romantic Writing: Self and Nature</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>139.239</td>
<td>Literary Landmarks: Words that Changed the World</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>139.253</td>
<td>American Literature</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>139.255</td>
<td>Critical Periods in Aotearoa New Zealand Literature</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>139.270</td>
<td>Young Adult Fiction</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>139.275</td>
<td>Gothic</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>139.301</td>
<td>Shakespeare's Worlds</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>139.303</td>
<td>Modern Drama</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>139.305</td>
<td>Twentieth Century Literature</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>139.307</td>
<td>Territory, Modernity and Victorian Literature</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>139.352</td>
<td>Postcolonial Literature</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>139.361</td>
<td>The Literature of Women</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>139.374</td>
<td>Tragedy</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>139.376</td>
<td>Sexual/Textual Politics</td>
<td>15</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Endorsement List B courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>139.209</td>
<td>Speaking: Theory and Practice</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>139.229</td>
<td>Writing Poetry</td>
<td>15</td>
<td>P 139.123 or 139.133</td>
<td></td>
</tr>
<tr>
<td>139.244</td>
<td>Writing for the Public</td>
<td>15</td>
<td>P 230.100 or 230.111 or 119.155 or 247.155 or 119.177 or 247.177 or 219.100 or 192.102</td>
<td></td>
</tr>
<tr>
<td>139.348</td>
<td>Literacy Studies</td>
<td>15</td>
<td>P Any 200-level course with a 139 prefix or 219.202, R 139.208</td>
<td></td>
</tr>
<tr>
<td>154.308</td>
<td>Screen Fictions</td>
<td>15</td>
<td>Any 200-level Media Studies course</td>
<td></td>
</tr>
</tbody>
</table>

**Geography**

Compulsory course – at least 15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>145.301</td>
<td>Research Practice in Human Geography</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>145.303</td>
<td>Field Work: Alpine Physical Geography</td>
<td>15</td>
<td>P 145.222</td>
<td></td>
</tr>
<tr>
<td>145.304</td>
<td>Applied Field Geomorphology</td>
<td>15</td>
<td>P At least two from 145.222, 145.223, 145.230</td>
<td></td>
</tr>
<tr>
<td>145.320</td>
<td>Quaternary Biogeography and Environmental Change</td>
<td>15</td>
<td>P 145.223 or 145.224, R 145.302</td>
<td></td>
</tr>
<tr>
<td>145.327</td>
<td>Catchment Dynamics</td>
<td>15</td>
<td>P 145.222</td>
<td></td>
</tr>
</tbody>
</table>

**Subject courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>145.202</td>
<td>Working with Geographic Data</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>145.213</td>
<td>Resource Conservation and Sustainability</td>
<td>15</td>
<td>P 145.313</td>
<td></td>
</tr>
<tr>
<td>145.214</td>
<td>Social Change and Environment</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>145.216</td>
<td>Urban Environments</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>145.218</td>
<td>Development and Inequality</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>145.222</td>
<td>Rivers and Slopes</td>
<td>15</td>
<td>P 145.121</td>
<td></td>
</tr>
<tr>
<td>145.223</td>
<td>Climate Change and Natural Hazards</td>
<td>15</td>
<td>P 145.121 or 233.101, R 145.325</td>
<td></td>
</tr>
<tr>
<td>145.224</td>
<td>Biogeography</td>
<td>15</td>
<td>P 145.324</td>
<td></td>
</tr>
<tr>
<td>145.230</td>
<td>Coastal Environments</td>
<td>15</td>
<td>P 145.121, R 145.330</td>
<td></td>
</tr>
<tr>
<td>121.313</td>
<td>Applied River Management</td>
<td>15</td>
<td>P 196.205 or 145.222</td>
<td></td>
</tr>
<tr>
<td>145.311</td>
<td>Geographies of Globalisation</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>145.310</td>
<td>Geopolitics</td>
<td>15</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**History**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>148.217</td>
<td>Victoria's World</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>148.218</td>
<td>The Vikings</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>148.220</td>
<td>The Second World War</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>148.221</td>
<td>Black Death and Other Plagues, 1300–1500</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>148.241</td>
<td>Revolution, Rights and the Atlantic World, 1763 to 1848</td>
<td>15</td>
<td>P 148.208</td>
<td></td>
</tr>
<tr>
<td>148.242</td>
<td>The Age of Jihad and Crusade</td>
<td>15</td>
<td>P 135.211, 148.212, 148.223</td>
<td></td>
</tr>
<tr>
<td>148.243</td>
<td>The Sixties: Sex and Drugs and Rock and Roll?</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>148.244</td>
<td>The Great War 1914–1918: A Military and Social History</td>
<td>15</td>
<td>P 148.220, 148.251</td>
<td></td>
</tr>
<tr>
<td>148.245</td>
<td>Māori and Colonisation</td>
<td>15</td>
<td>P 148.337</td>
<td></td>
</tr>
<tr>
<td>148.246</td>
<td>Iwi History</td>
<td>15</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
148.248 15 New Zealand Military History: 1899 to 2001

148.308 15 The Tudors and the Reformation

148.309 15 New Zealand Between the Wars

148.310 15 New Zealand Religious History

148.316 15 The New Zealand Wars

148.317 15 Napoleonic Wars

148.333 15 Sports History

148.334 15 Court Culture in Late Medieval Europe

148.339 15 Digital Media Production I

15 15 Individual Research Project in Any 200-level Media Studies

15 15 P 242.301 or appraisal required

15 15 P Resource approval required

15 15 Japanese

242.201 15 Japanese 2A

242.202 15 Japanese 2B

242.203 15 Japanese Language and Society

242.205 15 Japanese Cinema

242.301 15 Japanese 3A

242.302 15 Japanese 3B

242.304 15 Reading and Writing about Current Japan

242.305 15 Readings in Modern Japanese Literature

242.306 15 Japanese Linguistics

242.307 15 Japanese-English Translation Techniques

242.309 15 Individual Research Project in Japanese Studies

15 15 Linguistics

172.232 15 Language and Society in New Zealand

172.233 15 Language Learning Processes

172.234 15 Phonetics

172.235 15 Linguistic Analysis of the English Language

172.236 15 Forensic Linguistics

172.237 15 Language, Discourse and Power

172.239 15 Language and Culture

172.330 15 Sounds and Structures

172.334 15 Field Methods

172.335 15 Language and Identity

172.336 15 Languages of the Pacific

172.337 15 Historical and Comparative Linguistics

172.338 15 Language and Mediated Communication in a Transcultural World

15 15 Māori Studies

148.245 15 Māori and Colonisation

150.201 15 The Treaty of Waitangi in New Zealand Society

300.209 15 Te Reo Tōrangapō: Political Te Reo

15 15 At least 15 credits from:


15 15 At least 45 credits from:

15 15 P 150.201; nil for GradDipArts

15 15 New Zealand Studies

45 credits with no more than 30 credits from the same prefix

MASSEY UNIVERSITY 2018 CALENDAR
### Compulsory courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.201</td>
<td>Te Kawenata o Waitangi: The Treaty of Waitangi in New Zealand Society</td>
<td>15</td>
</tr>
</tbody>
</table>

### Subject courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>121.210</td>
<td>Environmental Issues</td>
<td>15</td>
</tr>
<tr>
<td>121.211</td>
<td>New Zealand Environmental Issues</td>
<td>15</td>
</tr>
<tr>
<td>139.255</td>
<td>Critical Periods in Aotearoa New Zealand Literature</td>
<td>15</td>
</tr>
<tr>
<td>148.245</td>
<td>Māori and Colonisation</td>
<td>15</td>
</tr>
<tr>
<td>148.246</td>
<td>Iwi History</td>
<td>15</td>
</tr>
<tr>
<td>148.248</td>
<td>Reformers, Radicals and Revolutionaries: Protest in New Zealand</td>
<td>15</td>
</tr>
<tr>
<td>150.204</td>
<td>Mana Māori: Māori and Politics</td>
<td>15</td>
</tr>
<tr>
<td>154.212</td>
<td>New Zealand Cinema</td>
<td>15</td>
</tr>
<tr>
<td>170.202</td>
<td>New Zealand Feminism</td>
<td>15</td>
</tr>
<tr>
<td>172.232</td>
<td>Language and Society in New Zealand</td>
<td>15</td>
</tr>
<tr>
<td>178.230</td>
<td>The Wellbeing of Pacific Peoples in New Zealand</td>
<td>15</td>
</tr>
<tr>
<td>148.308</td>
<td>New Zealand Military History: 1899 to 2001</td>
<td>15</td>
</tr>
<tr>
<td>148.309</td>
<td>The New Zealand Wars</td>
<td>15</td>
</tr>
<tr>
<td>148.317</td>
<td>New Zealand Religious History</td>
<td>15</td>
</tr>
<tr>
<td>150.301</td>
<td>Te Mana Te Kawanatanga: Māori Policy and the State</td>
<td>15</td>
</tr>
</tbody>
</table>

### Philosophy

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>134.201</td>
<td>Philosophy of Mind</td>
<td>15</td>
</tr>
<tr>
<td>134.203</td>
<td>Ethics</td>
<td>15</td>
</tr>
<tr>
<td>134.204</td>
<td>Aesthetics</td>
<td>15</td>
</tr>
<tr>
<td>134.205</td>
<td>Logic</td>
<td>15</td>
</tr>
<tr>
<td>134.207</td>
<td>International Justice</td>
<td>15</td>
</tr>
<tr>
<td>134.208</td>
<td>Philosophy of Science</td>
<td>15</td>
</tr>
<tr>
<td>134.215</td>
<td>Asian Philosophies</td>
<td>15</td>
</tr>
<tr>
<td>134.216</td>
<td>Modern Philosophy</td>
<td>15</td>
</tr>
<tr>
<td>134.218</td>
<td>Environmental Philosophy</td>
<td>15</td>
</tr>
<tr>
<td>134.220</td>
<td>Business and Professional Ethics</td>
<td>15</td>
</tr>
<tr>
<td>134.221</td>
<td>East Asian Philosophy</td>
<td>15</td>
</tr>
<tr>
<td>200.215</td>
<td>Political Theory from Plato to Marx</td>
<td>15</td>
</tr>
<tr>
<td>134.302</td>
<td>Metaphysics</td>
<td>15</td>
</tr>
<tr>
<td>134.303</td>
<td>Ethics</td>
<td>15</td>
</tr>
<tr>
<td>134.305</td>
<td>Meta-ethics</td>
<td>15</td>
</tr>
<tr>
<td>134.308</td>
<td>Philosophy of Science</td>
<td>15</td>
</tr>
<tr>
<td>134.309</td>
<td>Ancient Philosophy</td>
<td>15</td>
</tr>
<tr>
<td>134.310</td>
<td>Philosophy of Literature</td>
<td>15</td>
</tr>
<tr>
<td>134.312</td>
<td>Epistemology: Seeing and Knowing</td>
<td>15</td>
</tr>
<tr>
<td>134.317</td>
<td>Recent and Contemporary Philosophy</td>
<td>15</td>
</tr>
<tr>
<td>134.321</td>
<td>Indian Philosophy</td>
<td>15</td>
</tr>
<tr>
<td>200.315</td>
<td>Contemporary Political Thought</td>
<td>15</td>
</tr>
</tbody>
</table>

### Planning Studies

**Compulsory course:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>132.211</td>
<td>Planning Studies</td>
<td>15</td>
</tr>
</tbody>
</table>

**Subject courses:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>132.217</td>
<td>Planning Hazard-Resilient Communities</td>
<td>15</td>
</tr>
</tbody>
</table>

### Psychology

**Compulsory course:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.203</td>
<td>Introduction to Psychological Research</td>
<td>15</td>
</tr>
</tbody>
</table>

**Subject courses:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.201</td>
<td>Social Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.205</td>
<td>Brain and Behaviour</td>
<td>15</td>
</tr>
<tr>
<td>175.206</td>
<td>Memory and Cognition</td>
<td>15</td>
</tr>
<tr>
<td>175.210</td>
<td>Taha Hinengaro: Bicultural Perspectives in Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.211</td>
<td>Community Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.212</td>
<td>Abnormal and Therapeutic Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.213</td>
<td>The Practice of Psychological Research</td>
<td>15</td>
</tr>
<tr>
<td>175.214</td>
<td>The Psychology of Security</td>
<td>15</td>
</tr>
<tr>
<td>175.215</td>
<td>Assessment of Individual Differences</td>
<td>15</td>
</tr>
<tr>
<td>175.216</td>
<td>Forensic Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.217</td>
<td>Psychology of Women</td>
<td>15</td>
</tr>
<tr>
<td>175.218</td>
<td>Gender and Violence</td>
<td>15</td>
</tr>
<tr>
<td>175.219</td>
<td>Evolution, Culture and Mind</td>
<td>15</td>
</tr>
<tr>
<td>175.220</td>
<td>Health Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.221</td>
<td>Experimental Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.343</td>
<td>Personnel Psychology and Career Development</td>
<td>15</td>
</tr>
<tr>
<td>175.345</td>
<td>Organisational Psychology</td>
<td>15</td>
</tr>
</tbody>
</table>

### Public and Professional Writing

**Compulsory courses:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>139.340</td>
<td>The Publishing Project</td>
<td>15</td>
</tr>
</tbody>
</table>

**15 credits from:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>139.246</td>
<td>Text Image Design: Digital Technical Writing</td>
<td>15</td>
</tr>
</tbody>
</table>

---

**At least 15 credits from:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>200.201</td>
<td>Middle Eastern Politics</td>
<td>15</td>
</tr>
<tr>
<td>200.215</td>
<td>Political Theory from Plato to Marx</td>
<td>15</td>
</tr>
<tr>
<td>200.261</td>
<td>World Politics</td>
<td>15</td>
</tr>
</tbody>
</table>

**At least 30 credits from:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>200.301</td>
<td>Contemporary International Conflict</td>
<td>15</td>
</tr>
<tr>
<td>200.302</td>
<td>Israel/Palestine and the Arab World</td>
<td>15</td>
</tr>
<tr>
<td>200.303</td>
<td>Democratic Politics</td>
<td>15</td>
</tr>
<tr>
<td>200.315</td>
<td>Contemporary Political Thought</td>
<td>15</td>
</tr>
<tr>
<td>200.361</td>
<td>Contemporary New Zealand Politics</td>
<td>15</td>
</tr>
</tbody>
</table>
Elective courses:

- 139.348 Literacy Studies 15
- 154.311 Social Media and Digital Cultures 15
- 219.234 Editing and Publishing 15

**Security Studies**

- Compulsory courses:
  - 149.280 Security Issues in the Asia-Pacific 15 P 149.180
  - 149.380 Strategy and Security 15 P 149.280

  At least 15 credits from:
  - 149.381 Terrorism and Political Violence 15
  - 149.385 Security and the Law 15

  Subject courses:
  - 149.271 The Security of Global Trade 15
  - 149.272 Intelligence in the Security Environment 15
  - 149.295 Security in the Information Age 15
  - 200.261 World Politics 15
  - 149.350 The History of Defence and Security Intelligence 15
  - 149.360 Defence and Security Technology 15 P 149.151 or 149.180
  - 149.370 Psychology of Evidence in the Security Environment 15
  - 149.382 Biosecurity Theory and Practice 15
  - 175.304 The Psychology of Security 15
  - 200.301 Contemporary International Conflict 15

**Social Anthropology**

- Compulsory courses:
  - 146.213 Anthropological Enquiry 15
  - 146.303 Practice of Field Work 15 P 146.213 or equivalent

- Subject courses:
  - 146.206 Visual Ethnography 15
  - 146.208 Political Anthropology 15
  - 146.209 Food and Eating 15
  - 146.210 Ritual and Belief 15
  - 146.211 Systems of Healing 15
  - 146.214 The Politics of Culture 15
  - 146.302 Regional Ethnography: Asia 15
  - 146.304 Culture, Biology and Racism 15
  - 146.307 The Cultural Construction of Gender and Sexuality 15
  - 146.311 Medical Systems of China, India and the West 15
  - 146.313 Issues in South Pacific Anthropology 15
  - 146.316 Visual Anthropology: Southasia and Global Issues 15 P Any 200-level BA course
  - 146.317 Urban Anthropology 15
  - 146.318 Environmental Anthropology 15

**Social Policy**

- Compulsory courses:
  - 279.201 Social Policy: Concepts and Theories 15 P 279.101 or 179.101 or 200.162; 279.101 or 179.101 for BSW
  - 279.301 Government Policy, Planning and Administration 15 P 279.201 or 179.201
  - 279.302 Policy Research and Evaluation 15 P 179.202 or 176.202

  Subject courses:
  - 179.230 The Wellbeing of Pacific Peoples in New Zealand 15
  - 279.203 Law, Government and Social Policy 15 P 279.101 or 179.101 or 200.162 (179.102 to 2009)
  - 179.320 Community Development 15
  - 179.330 Māori Development and the Social Services 15

**Sociology**

- Compulsory courses:
  - 176.206 Understanding Social Life 15 P Any 100-level Sociology course
  - 176.301 The Sociological Project 15 P 176.201 or 176.206

- Subject courses:
  - 176.203 Development and Social Change: Central Themes 15
  - 176.204 Small Groups 15
  - 176.205 Animals and Human Societies 15
  - 176.207 Family, Intimacy and Domestic Life 15
  - 176.216 Understanding Globalisation 15 R 178.316
  - 176.218 Race, Nation and Modernity 15
  - 176.219 The Transformation of the Pacific: Central Themes 15
  - 176.221 Ethnicity and Identity: Central Themes 15
  - 176.222 Cities in the Twenty-first Century 15
  - 176.302 Techniques of Social Investigation 15
  - 176.303 Making the Nation 15
  - 176.308 Sociology of the Environment 15
  - 176.309 Development and Social Change: Contemporary Issues 15
  - 176.310 Ethnicity and Ethnic Identity: Contemporary Issues 15
  - 176.316 Understanding Globalisation in Depth 15 R 176.216
  - 176.318 Sociology of Death and Dying 15
  - 176.322 The World of Work: Contemporary Issues 15
  - 176.323 The Transformation of the Pacific: Contemporary Issues 15
  - 230.301 Social Science at Work 15 P 30 credits at 200-level from 145, 146,176 and/or 200 prefix courses.

**Spanish**

- 245.201 Intermediate Spanish Language I 15 P 245.102; R 245.202, 245.301
- 245.202 Intermediate Spanish Language II 15 P 245.201; R 245.301
- 245.203 The Sound of Spanish: Diction, Dialects and Diversity 15 P 245.201
- 245.204 Latin American Voices 15 P 245.201, R 164.255
- 245.301 Advanced Spanish Language 15 P 245.202
- 245.302 Theory and Practice of Spanish Translation 15 P 245.301
- 245.303 Latin American Rhythms and Politics: From Tango to Rock 15 P 245.202 or 245.204
- 245.304 Travellers’ Tales: The Invention of Latin America 15 P 245.202 or 245.204
- 245.305 Spanish Conversation on Film 15 P 245.202

**Statistics**

- Compulsory course – at least 15 credits from:
  - 161.200 Statistical Models 15 P 160.1xx or 228.171 and one of 115.101, 161.100–161.130; R 161.231
  - 161.220 Data Analysis 15 P One of 115.101, 161.100–161.130; R 161.250
The Graduate Certificate in Emergency Management
GradCertEmergMgt

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Graduate Certificate in Emergency Management requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for the award of a Bachelor’s degree, or equivalent, or an approved qualification; and
   (c) have completed at least one year of emergency management related experience.

Qualification Requirements

2. Candidates for the Graduate Certificate in Emergency Management shall follow a flexible course of study, which shall consist of courses totalling at least 60 credits, comprising:
   (a) at least 45 credits at 300 level;
   (b) any compulsory courses listed in the Schedule for the Qualification; and
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials and laboratories as required.

Specialisations

3. The Graduate Certificate in Emergency Management is awarded without an endorsement.

Completion Requirements

4. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

5. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress

6. The general Unsatisfactory Academic Progress regulations will apply.

Transition Provisions

7. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates who have completed at least 15 credits towards a Graduate Certificate in Emergency Management, prior to 1 January 2018 may be permitted to substitute a course or courses already completed for a course or courses included in the Schedule to the Certificate. These transition arrangements expire 31 December 2019.

Schedule for the Graduate Certificate in Emergency Management

Compulsory Courses (30 credits):

130.202 Introduction to Emergency Management 15

130.301 Incident Command Systems 15 P Any 200-level course or Graduate status

Elective Courses (30 credits):

130.203 Disaster Risk Management 15

131.321 Strategies for Sustainable Development 15

152.336 Leadership Practice 15 R 152.328 and 152.329

152.350 Strategic Management and Governance 15 P Any 200-level Management course; R 152.341, 152.365
### Qualification Regulations

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

**Part II**

**Admission**

1. Admission to the Graduate Certificate in Science and Technology requires that the candidate will:
   (a) meet the University admission requirements as specified; and
   (b) have been awarded or qualified for a relevant Bachelor’s degree, or equivalent; or
   (c) have been admitted to the qualification on the basis of equivalent relevant professional experience.

**Qualification Requirements**

2. Candidates for the Graduate Certificate in Science and Technology shall follow a flexible programme of study, which shall consist of courses at 200, 300 and 700 level totalling at least 60 credits, comprising:
   (a) at least 45 credits at 300 level or higher;
   (b) a selection of courses approved by the Academic Board (or its delegate) from the Schedule for the Qualification;
   (c) attendance at contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

**Specialisations**

3. The Graduate Certificate in Science and Technology may be awarded with or without an endorsement.

4. Candidates may complete an endorsement by passing 60 credits in an endorsement. The requirements for endorsements are set out in the Schedule for the Qualification.

5. The endorsement available in the Graduate Certificate in Science and Technology is Lighting.

**Completion Requirements**

6. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

7. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

**Unsatisfactory Academic Progress**

8. The general Unsatisfactory Academic Progress regulations will apply.

**Transitional Provisions**

9. All candidates commencing study towards the Graduate Certificate in Science and Technology on or after 1 January 2017 must satisfy the requirements specified in these regulations.

10. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the qualification, all candidates who commenced study towards the Graduate Certificate in Science and Technology prior to 1 January 2017, may complete the Graduate Certificate in Science and Technology under the 2016 regulations.

11. In all cases candidates must complete the qualification within the timeframes for completion as specified in the Completion Requirements.

### The Graduate Certificate in Science and Technology GCertScTech

**Schedule for the Graduate Certificate in Science and Technology**

**Schedule A: Endorsement courses**

**Lighting**

60 credits:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>218.741</td>
<td>Light and Lighting</td>
<td>15</td>
</tr>
<tr>
<td>218.742</td>
<td>Lamps and Luminaires</td>
<td>15</td>
</tr>
<tr>
<td>218.743</td>
<td>Interior Lighting Design</td>
<td>15</td>
</tr>
<tr>
<td>218.744</td>
<td>Energy Efficient Lighting and Exterior Lighting Design</td>
<td>15</td>
</tr>
</tbody>
</table>

**Schedule B**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>117.254</td>
<td>Principles of Animal Science and Production</td>
<td>15</td>
</tr>
<tr>
<td>117.342</td>
<td>Animal Nutrition</td>
<td>15</td>
</tr>
<tr>
<td>117.344</td>
<td>Animal Growth and Meat Production</td>
<td>15</td>
</tr>
<tr>
<td>117.345</td>
<td>Genetics for Livestock Improvement</td>
<td>15</td>
</tr>
<tr>
<td>117.347</td>
<td>Reproductive and Lactational Physiology</td>
<td>15</td>
</tr>
<tr>
<td>117.348</td>
<td>Animal Metabolism</td>
<td>15</td>
</tr>
<tr>
<td>117.361</td>
<td>Companion Animal Science</td>
<td>15</td>
</tr>
<tr>
<td>117.371</td>
<td>Animal Production</td>
<td>15</td>
</tr>
<tr>
<td>117.381</td>
<td>Solving Problems in Animal Production</td>
<td>15</td>
</tr>
<tr>
<td>120.217</td>
<td>Plant, Cell and Environment</td>
<td>15</td>
</tr>
<tr>
<td>120.218</td>
<td>The Flora of New Zealand</td>
<td>15</td>
</tr>
<tr>
<td>120.219</td>
<td>Plants and People</td>
<td>15</td>
</tr>
<tr>
<td>120.302</td>
<td>Plant Development</td>
<td>15</td>
</tr>
<tr>
<td>120.303</td>
<td>Plant Biodiversity</td>
<td>15</td>
</tr>
<tr>
<td>120.304</td>
<td>Plant Biotechnology</td>
<td>15</td>
</tr>
<tr>
<td>121.210</td>
<td>Environmental Issues</td>
<td>15</td>
</tr>
<tr>
<td>121.310</td>
<td>Environmental Solutions</td>
<td>15</td>
</tr>
<tr>
<td>121.311</td>
<td>Global Environmental Issues</td>
<td>15</td>
</tr>
<tr>
<td>121.312</td>
<td>Environmental Science Field Work II</td>
<td>15</td>
</tr>
<tr>
<td>122.231</td>
<td>Genes and Gene Expression</td>
<td>15</td>
</tr>
<tr>
<td>122.232</td>
<td>Protein Biochemistry</td>
<td>15</td>
</tr>
<tr>
<td>122.233</td>
<td>Metabolic Biochemistry</td>
<td>15</td>
</tr>
<tr>
<td>122.303</td>
<td>Gene Regulation</td>
<td>15</td>
</tr>
<tr>
<td>122.322</td>
<td>Protein Structure and Function</td>
<td>15</td>
</tr>
<tr>
<td>123.201</td>
<td>Chemical Energetics</td>
<td>15</td>
</tr>
<tr>
<td>123.202</td>
<td>Organic and Biological Chemistry</td>
<td>15</td>
</tr>
<tr>
<td>123.203</td>
<td>Inorganic Chemistry and Modelling</td>
<td>15</td>
</tr>
<tr>
<td>123.204</td>
<td>Chemical and Biochemical Analysis</td>
<td>15</td>
</tr>
</tbody>
</table>

**12.** These transition arrangements expire on 31 December 2018.
Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Graduate Certificate in Teaching English as an Additional Language requires that the candidate will meet the University admission requirements as specified; and will have:
   (a) been awarded or qualified for a Bachelor’s degree, or equivalent; or
   (b) been awarded or qualified for a university diploma, or equivalent; or
   (c) completed at least two years of relevant practical, professional, or scholarly experience;
   and will have:
   (d) access to teaching a group of learners of English as an additional language within a formal educational setting.

Qualification Requirements

2. Candidates for the Graduate Certificate in Teaching English as an Additional Language shall follow a flexible programme of study, which shall consist of courses totalling at least 60 credits, comprising:
   (a) at least 45 credits at 300 level;
   and including:
   (b) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations

3. The Graduate Certificate in Teaching English as an Additional Language is awarded without an endorsement.

Completion Requirements

4. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

5. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress

6. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions

7. Students who enrolled at Massey University in the Certificate in Teaching English as an Additional Language prior to 2012 may be permitted variation in excess of the stated limits. These transition arrangements expire at the end of 2018.

Schedule for the Graduate Certificate in Teaching English as an Additional Language

Compulsory courses (30 credits):

- 257.370 Teaching English as Another Language
- 257.375 Learning English as Another Language

Elective courses (30 credits)

No more than 15 credits from:

- 172.233 Language Learning Processes
- 172.239 Language and Culture

At least 15 credits from:

- 219.304 Cross-Cultural Communication
- 254.337 Teaching and Learning with Pasifika Peoples in New Zealand
- 269.372 Understanding Migrant Cultures in Aotearoa/New Zealand
- 269.373 Ethnic Relations in Education
UNDERGRADUATE DIPLOMAS

<table>
<thead>
<tr>
<th>Programme</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Diploma in Agriculture</td>
<td>365</td>
</tr>
<tr>
<td>The Diploma in Arts</td>
<td>365</td>
</tr>
<tr>
<td>The Diploma in Business Studies</td>
<td>375</td>
</tr>
<tr>
<td>The Diploma in Communication</td>
<td>377</td>
</tr>
<tr>
<td>The Diploma in Design</td>
<td>377</td>
</tr>
<tr>
<td>The Diploma for Education Support Workers</td>
<td>380</td>
</tr>
<tr>
<td>The Diploma in Fine Arts</td>
<td>381</td>
</tr>
<tr>
<td>The Diploma in Health Science*</td>
<td>382</td>
</tr>
<tr>
<td>The Diploma in Human Development</td>
<td>383</td>
</tr>
<tr>
<td>The Diploma in Meat Technology</td>
<td>384</td>
</tr>
<tr>
<td>The Diploma in Rehabilitation Studies*</td>
<td>384</td>
</tr>
<tr>
<td>The Diploma in Science and Technology</td>
<td>385</td>
</tr>
<tr>
<td>The Diploma in Visual Arts</td>
<td>386</td>
</tr>
</tbody>
</table>

* No new enrolments

The Diploma in Agriculture

DipAg

Qualification Regulations

Part I

These Regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Diploma in Agriculture requires that the candidate will have completed, to the satisfaction of Academic Board, 12 months farm employment, and one of the following:
   (a) have gained University Entrance; or
   (b) have successfully completed an approved NQF Level 4 qualification, or equivalent, and achieved the literacy and numeracy requirements for University Entrance.

Qualification Requirements

2. Candidates for the Diploma in Agriculture shall follow a parts-based programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) Parts One and Two as specified in the Schedule for the Diploma in Agriculture;
   and including
   (b) attending field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations

3. The Diploma in Agriculture is awarded without specialisations.

Student Progression

4. Candidates are required to complete all courses from Part One before proceeding to Part Two.

5. The Academic Board, in restricted circumstances and on the advice of the examiners, may award a combined results pass. Course 119.101 Farm Production Systems must be passed with a minimum C grade.

Completion Requirements

6. A candidate’s programme of study may not exceed four years from the date of first enrolment in the Diploma in Agriculture.

7. Candidates may be graduated when they meet the Admission, Qualification, and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Foundation Certificate in Agriculture should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

8. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Diploma in Agriculture

Part One

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>117.006</td>
<td>15</td>
</tr>
<tr>
<td>283.006</td>
<td>15</td>
</tr>
<tr>
<td>189.006</td>
<td>15</td>
</tr>
<tr>
<td>119.106</td>
<td>15</td>
</tr>
</tbody>
</table>

Part Two

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>119.116</td>
<td>15</td>
</tr>
<tr>
<td>117.106</td>
<td>15</td>
</tr>
<tr>
<td>119.101</td>
<td>15</td>
</tr>
<tr>
<td>138.106</td>
<td>15</td>
</tr>
<tr>
<td>117.106</td>
<td>15</td>
</tr>
<tr>
<td>119.116</td>
<td>15</td>
</tr>
<tr>
<td>138.106</td>
<td>15</td>
</tr>
</tbody>
</table>

The Diploma in Arts

DipArts

Qualification Requirements

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Diploma in Arts requires that the candidate will meet the University admission requirements as specified.

2. Candidates for the Diploma in Arts shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) not more than 75 credits at 100 level; and including:
   (b) the compulsory courses as specified in Schedule A of the Schedule for the Diploma;
   (c) at least 60 credits from Schedule B, Schedule C and/or Schedule D of the Schedule for the Diploma;
   (d) up to 30 credits from the Schedule for any undergraduate degree, including not more than 15 credits above 100 level;
   (e) attending field trips, studios, workshops, tutorials, and laboratories as required.
Specialisations
3. The Diploma in Arts may be awarded with or without an endorsement.
4. Candidates may complete an endorsement by passing at least 75 credits from a single endorsement, including not more than 30 credits at 100 level. The requirements for each endorsement are specified in Schedule C of the Schedule to the Diploma.

Completion Requirements
6. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.
7. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Certificate in Arts should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
8. The general Unsatisfactory Academic Progress regulations will apply.

Transition Arrangements
9. Candidates enrolled in the Diploma in Arts who have completed at least 30 credits towards the English endorsement prior to 1 January 2016 may be permitted variation in excess of the stated limits in order to complete the requirements of the endorsement. These transitional arrangements expire on 31 December 2018.
10. Candidates enrolled in the Diploma in Arts who have completed at least 30 credits towards the English endorsement prior to 1 January 2017 may substitute a course from the List A courses for the compulsory course 139.239. These transitional arrangements expire on 31 December 2019.
11. Candidates who completed courses towards the Diploma in Arts Asian Studies Endorsement prior to January 2017 may be permitted variation in excess of the stated limits in order to include these courses in the Endorsement. These transition arrangements expire 31 December 2019.
12. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates enrolled in the Diploma in Arts who have passed at least 15 credits towards a Māori Studies endorsement prior to 1 January 2017 may be permitted to substitute any course already completed towards the endorsement for a course at the same level included in the Māori Studies Schedule, including compulsory courses. These transition arrangements expire on 31 December 2019.
13. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the diploma, candidates enrolled in the Diploma in Arts prior to 1 January 2018 who have completed at least 30 credits towards the Education endorsement may be permitted variation in excess of the stated limits in order to complete the requirements of the endorsement. These transitional arrangements expire on 31 December 2020.
14. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates enrolled in the Diploma in Arts who have passed at least 15 credits towards a History or a New Zealand Studies endorsement prior to 1 January 2018 may be permitted to substitute any course already completed towards the endorsement for a course at the same level included in the History or New Zealand Studies Schedule, including compulsory courses. These transition arrangements expire on 31 December 2020.
15. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates enrolled in the Diploma in Arts who have passed at least 15 credits towards a Defence Studies endorsement prior to 1 January 2018 may be permitted to substitute any course already completed towards the endorsement for a course at the same level included in the Defence Studies Schedule. These transition arrangements expire on 31 December 2020.
16. Candidates enrolled in the Diploma in Arts prior to 1 January 2018 who have completed at least 15 credits towards the Social Policy endorsement may be permitted variation in excess of the stated limits in order to complete the requirements of the endorsement. These transitional arrangements expire on 31 December 2020.

Schedule for the Diploma in Arts

Schedule A: Compulsory Courses
30 credits from:

230.111 Tū Kupu: Writing and Inquiry 15 R 230.100, 119.155, 119.177, 247.177, 237.130, 247.155, 250.100
230.112 Tū Arohae: Critical Thinking 15 R 134.103

Schedule B: BA Core Courses

230.110 Tūrangawaewae: Identity and Belonging in Aotearoa New Zealand 15
230.210 Tū Rangarangaro: Global Encounters 15 P 230.120
230.310 Tū Tira Mar: Practising Engagement 15 P 230.210

Schedule C: Endorsement Requirements

Asian Studies
At least 75 credits in Asian Studies, including 169.101 and at least 45 credits above 100 level from the Asian Studies Schedule.

Compulsory course:
169.101 Introduction to Asian Thought 15

Elective courses:
241.103 Ancient Chinese World pre-Republic (1912) 15 R 169.143
241.107 China under Transformation: Economy, Society and Diplomacy 15
242.103 Introduction to Japanese Culture 15 R 169.123
134.221 East Asian Philosophy 15
241.207 Chinese Diaspora 15
241.208 Contemporary Chinese Society in Literature and Film 15 R 241.203, 241.204
242.205 Japanese Cinema 15 R 169.227
134.321 Indian Philosophy 15 P Any 200-level 134 prefix course
146.302 Regional Ethnography: Asia 15
146.311 Medical Systems of China, India and the West 15
146.316 Visual Anthropology: Southasia and Global Issues 15

Chinese
At least 75 credits in Chinese including 45 credits at 200 and/or 300 level, and 30 credits at any level from the Chinese Schedule.

241.103 Ancient Chinese World pre-Republic (1912) 15 R 169.143
241.107 China under Transformation: Economy, Society and Diplomacy 15
### Classical Studies
At least 75 credits in Classical Studies, including 45 credits at 200 and/or 300 level, and 30 credits at any level from the Classical Studies Schedule. The endorsement must include at least 60 credits from 201-prefix courses.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>201.103</td>
<td>Magic and Witchcraft</td>
<td>15</td>
</tr>
<tr>
<td>201.112</td>
<td>Greek History</td>
<td>15</td>
</tr>
<tr>
<td>201.113</td>
<td>Greek Mythology</td>
<td>15</td>
</tr>
<tr>
<td>201.114</td>
<td>The Roman Republic: Kings, Consuls and Conquest</td>
<td>15</td>
</tr>
<tr>
<td>201.115</td>
<td>Introductory Latin</td>
<td>15</td>
</tr>
<tr>
<td>201.117</td>
<td>Greek and Roman Warfare</td>
<td>15</td>
</tr>
<tr>
<td>201.201</td>
<td>The Pursuit of Happiness in the Classical World</td>
<td>15</td>
</tr>
<tr>
<td>201.211</td>
<td>Love and Sexuality in Ancient Greece</td>
<td>15</td>
</tr>
<tr>
<td>201.212</td>
<td>Intermediate Latin</td>
<td>15</td>
</tr>
<tr>
<td>201.216</td>
<td>The Trojan War</td>
<td>15</td>
</tr>
<tr>
<td>201.218</td>
<td>Greek and Roman Religion</td>
<td>15</td>
</tr>
<tr>
<td>201.219</td>
<td>Greek Art and Society</td>
<td>15</td>
</tr>
<tr>
<td>201.220</td>
<td>Roman Art and Society</td>
<td>15</td>
</tr>
<tr>
<td>201.230</td>
<td>Ancient Multiculturalism: Egypt, Greece and Rome</td>
<td>15</td>
</tr>
<tr>
<td>134.309</td>
<td>Ancient Philosophy</td>
<td>15</td>
</tr>
<tr>
<td>201.313</td>
<td>Myth and Greek Tragedy</td>
<td>15</td>
</tr>
<tr>
<td>201.314</td>
<td>Imperial Rome</td>
<td>15</td>
</tr>
<tr>
<td>201.316</td>
<td>Leaders and Leadership in the Classical World</td>
<td>15</td>
</tr>
<tr>
<td>201.318</td>
<td>Greek and Roman Religion</td>
<td>15</td>
</tr>
<tr>
<td>201.319</td>
<td>Greek Art and Society</td>
<td>15</td>
</tr>
<tr>
<td>201.320</td>
<td>Roman Art and Society</td>
<td>15</td>
</tr>
</tbody>
</table>

### Creative Writing
At least 75 credits in Creative Writing, including 139.123 and 139.280; 30 credits at 200 or 300 level, and 15 credits at any level from the Creative Writing Schedule. Compulsory courses:

- 139.123 Creative Writing
- 139.280 Writing Creative Non-Fiction

Elective courses:

- 139.139 Introduction to English Studies
- 139.222 Creative Processes
- 139.224 Making Plays for Theatre
- 139.225 Writing for Children
- 139.229 Writing Poetry
- 139.285 Fiction Writing

139.323 Script Writing
139.326 Travel Writing
139.329 Advanced Fiction Writing
139.333 Creativity in the Community
139.340 The Publishing Project
139.380 Creative Writing Capstone: Building the Manuscript
139.381 Advanced Studies in Creative Writing
139.386 Life Writing
139.388 R 139.226

### Defence Studies
At least 75 credits in Defence Studies, including 45 credits at 200 and/or 300 level; and 30 credits at any level from the Defence Studies Schedule.

149.100 Fundamentals of Command
149.115 Introduction to Defence Studies
149.140 An Introduction to Military Operations
149.151 An Introduction to the History of Modern Warfare
200.162 Politics and Public Policy in New Zealand
149.245 Irregular Warfare
149.255 Conventional Warfare
149.265 Maritime Strategy
190.240 Air Power
149.300 Current Issues in Command Studies
149.325 International Peacekeeping
149.335 Law of Armed Conflict
149.350 The History of Defence and Security Intelligence
149.360 Defence and Security Technology
200.301 Contemporary International Conflict

### Development Studies
At least 75 credits in Development Studies, including 131.121, 131.221, 150.213; a further 15 credits at 200 or 300 level; and 15 credits at any level from the Development Studies Schedule.

131.121 Rich World, Poor World
132.112 Planning for Sustainable Development
146.102 Endangered Cultures
131.221 Global Development Issues
145.218 Development and Inequality
150.213 Tikanga-a-Iwi: Tribal Development
176.219 The Transformation of the Pacific: Central Themes
200.201 Middle Eastern Politics
121.311 Global Environmental Issues
131.321 Strategies for Sustainable Development
145.311 Geographies of Globalisation
146.313 Issues in South Pacific Anthropology
146.318 Environmental Anthropology
176.309 Development and Social Change: Contemporary Issues
176.323 The Transformation of the Pacific: Contemporary Issues
179.330 Māori Development and the Social Services
200.301 Contemporary International Conflict
Economics
At least 75 credits in Economics, including 115.113, 178.100; and 45 credits at 200 and/or 300 level from the Economics Schedule.

115.113 Economics of Business 15 R 115.106
178.100 Principles of Macroeconomics 15
178.110 The New Zealand Economy 15
178.200 Intermediate Macroeconomics 15 P 178.100
178.201 Intermediate Microeconomics 15 P 115.113 or 115.115
178.210 Economic Policy 15 P 178.100 or 178.110 or 78.102
178.221 Methods of Economic Analysis 15 P 115.106 or 115.113 or any 178.1xx course
178.240 Managerial Economics 15 P 115.106 or 115.113 or 178.101
178.242 Land Economics 15 P Any 178.1xx course or 115.106 or 115.113
178.250 Contemporary Economic Issues
178.280 Introduction to Econometrics 15 P 161.101 or 115.101, and 115.113 or 115.106
178.300 Advanced Macroeconomics 15 P 178.200
178.301 Advanced Microeconomics 15 P 178.201
178.307 Markets, Firms and Consumers 15 P 178.201 or 178.204 or 125.230, or (115.106 or 115.113 or 178.101) and 178.280
178.308 Economic Analysis of Money, Banking and Financial Markets 15 P 15 credits of 178.2xx; R 178.300
178.328 Project Evaluation 15 P Any 178.1xx course
178.352 Survey of International Economics 15 P 178.200, 178.201, and either 178.250 or 178.280; and P/C either 178.300 or 178.301; R 178.350
178.358 International Trade in Agri-food Products 15 P Any 178.1xx course or 119.156; R 178.357
178.380 Natural Resource and Environmental Economics 15
178.370 Development Economics 15

Notes
Students without Mathematics with Calculus at Bursary level or NCEA Level 3 are recommended to take course 160.103. This is especially so if contemplating postgraduate studies in Economics.

Education
At least 75 credits in Education, including 45 credits at 200 and/or 300 level, and 30 credits at any level from the Education schedule.

275.102 Human Development 15 R 208.102, 209.102
249.286 Equity and Diversity in Education 15 R 186.230
254.201 Philosophy of Education 15 R 187.201
254.203 Sociologically Imagining Education 15 R 187.203
254.210 Historical Perspectives on Education
258.201 Educational Psychology 15 R 186.201, 188.230
263.200 Teaching as an Act of Influencing Others 15
269.274 The Treaty of Waitangi: Implications for Education 15 R 150.201
275.203 Development in Childhood 15 P 275.102
275.208 Development in Adolescence 15 P 275.102; R 208.208, 208.308, 209.308
254.304 Critical Theories of Education 15 R 187.304, 278.383
254.336 Learning in the Digital World 15 R 186.336
254.337 Teaching and Learning with Pasifika Peoples in NZ 15
254.340 Politics of Education 15
263.301 Learning and Motivation 15 P Any 200-level course from Education
263.315 Teaching and Learning in Everyday Settings 15
267.380 Educational Research Literacy 15
269.332 Māori Issues in Education 15
275.304 Development of Gender 15

275.320 Risk and Resilience Across the Lifespan 15
276.330 Mathematics and Literacy in Society 15

Educational Psychology
At least 75 credits, including 175.102, 275.102, 175.203, 256.201 and 15 credits at 200 and/or 300 level from the Educational Psychology Schedule.

175.102 Psychology as a Natural Science 15
275.102 Human Development 15 R 208.102, 209.102
175.201 Social Psychology 15
175.203 Introduction to Psychological Research 15 P 175.102
175.205 Brain and Behaviour 15 P 175.102
175.206 Memory and Cognition 15 P 175.102
175.210 Ngā Tirohanga Rua o te Taha Hinengaro: Bicultural Perspectives in Psychology 15 R 175.312
249.284 Introduction to Equity and Inclusion in Education 15
249.287 Early Intervention 15
256.303 Educational Psychology 15 R 186.201, 186.230
175.306 Assessment of Individual Differences 15 P 175.203
249.384 Consultation and Collaboration in Inclusive Education 15
256.304 Positive Behaviour for Learning 15 P 256.201
258.301 Language, Literacy and Cognitive Development 15 P Any 200-level Education course
263.301 Learning and Motivation 15 P Any 200-level Education course
263.331 Assessment and Learning 15 R 188.331

Emergency Management
At least 75 credits in Emergency Management, including: 130.202, 130.203, 130.301, 193.304 and 219.312

Compulsory courses:
130.202 Introduction to Emergency Management 15
130.203 Disaster Risk Management 15
130.301 Incident Command Systems 15 P Any 200-level course or Graduate Status
193.304 Animal Welfare Emergency Management 15 P 193.204 or 130.202 or 117.2xx or 119.2xx or 112.2xx
219.312 Risk and Crisis Communication 15

English
At least 75 credits in English, including: 139.139, 139.239; 45 credits at 200 and/or 300 level, and 15 credits at any level from the English schedule, with at least 30 credits from the List A Endorsement Courses.

Compulsory courses:
139.139 Introduction to English Studies 15 R 139.171
139.239 Literary Landmarks: Words that Changed the World 15

List A Endorsement courses:
At least 30 credits from
139.105 Fiction: The Long and Short of It 15
139.122 Contemporary Literary Forms of Aotearoa New Zealand 15
139.142 Mythology and Fantasy 15
139.201 Poets and Players in Shakespeare’s England 15
139.202 Romantic Writing: Self and Nature 15
139.253 American Literature 15
139.255 Critical Periods in Aotearoa New Zealand Literature 15
### Environmental Studies
At least 75 credits in Environmental Studies, including 145.111 and 15 credits from 121.210 or 121.211; 30 credits at 200 or 300 level and 15 credits at any level from the Environmental Studies schedule.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>121.103 New Zealand Environments</td>
<td>15</td>
</tr>
<tr>
<td>132.111 Planning and the Environment</td>
<td>15</td>
</tr>
<tr>
<td>132.112 Planning for Sustainable Development</td>
<td>15</td>
</tr>
<tr>
<td>145.111 Society, Environment and Place</td>
<td>15</td>
</tr>
<tr>
<td>146.102 Enangered Cultures</td>
<td>15</td>
</tr>
<tr>
<td>176.102 New Zealand Society</td>
<td>15</td>
</tr>
<tr>
<td>121.210 Environmental Issues</td>
<td>15</td>
</tr>
<tr>
<td>121.211 New Zealand Environmental Issues</td>
<td>15</td>
</tr>
<tr>
<td>145.213 Resource Conservation and Sustainability</td>
<td>15</td>
</tr>
<tr>
<td>145.214 Social Change and Environment</td>
<td>15</td>
</tr>
<tr>
<td>150.201 Te Kawenata o Waitangi: The Treaty of Waitangi in New Zealand Society</td>
<td>15</td>
</tr>
<tr>
<td>176.206 Understanding Social Life</td>
<td>15</td>
</tr>
<tr>
<td>121.310 Environmental Solutions</td>
<td>15</td>
</tr>
<tr>
<td>121.311 Global Environmental Issues</td>
<td>15</td>
</tr>
<tr>
<td>131.321 Strategies for Sustainable Development</td>
<td>15</td>
</tr>
<tr>
<td>145.311 Geographies of Globalisation</td>
<td>15</td>
</tr>
<tr>
<td>146.318 Environmental Anthropology</td>
<td>15</td>
</tr>
<tr>
<td>176.308 Sociology of the Environment</td>
<td>15</td>
</tr>
</tbody>
</table>

### Expressive Arts (no new enrolments from 2016)

#### French
At least 75 credits in French, including 45 credits at 200 and/or 300 level, and 30 credits at any level from the French Schedule.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>243.101 Introductory French Language I</td>
<td>15</td>
</tr>
<tr>
<td>243.102 Introductory French Language II</td>
<td>15</td>
</tr>
<tr>
<td>243.201 Intermediate French Language I</td>
<td>15</td>
</tr>
<tr>
<td>243.202 Intermediate French Language II</td>
<td>15</td>
</tr>
<tr>
<td>243.301 Advanced French Language</td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>243.304 Contemporary French Popular Culture</td>
<td>15</td>
</tr>
<tr>
<td>243.305 Close Encounters – New Zealand Seen Through French Eyes</td>
<td>15</td>
</tr>
</tbody>
</table>

### Geography
At least 75 credits in Geography, including 45 credits at 200 and/or 300 level, and 30 credits at any level from the Geography Schedule.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>145.111 Society, Environment and Place</td>
<td>15</td>
</tr>
<tr>
<td>145.121 Introduction to Physical Geography</td>
<td>15</td>
</tr>
<tr>
<td>145.202 Future State: New Zealand in the 21st Century</td>
<td>15</td>
</tr>
<tr>
<td>145.213 Resource Conservation and Sustainability</td>
<td>15</td>
</tr>
<tr>
<td>145.214 Social Change and Environment</td>
<td>15</td>
</tr>
<tr>
<td>145.216 Urban Environments</td>
<td>15</td>
</tr>
<tr>
<td>145.218 Development and Inequality</td>
<td>15</td>
</tr>
<tr>
<td>145.222 Rivers and Slopes</td>
<td>15</td>
</tr>
<tr>
<td>145.223 Climate Change and Natural Hazards</td>
<td>15</td>
</tr>
<tr>
<td>145.224 Biogeography</td>
<td>15</td>
</tr>
<tr>
<td>145.230 Coastal Environments</td>
<td>15</td>
</tr>
<tr>
<td>121.313 Applied River Management</td>
<td>15</td>
</tr>
<tr>
<td>145.301 Research Practice in Human Geography</td>
<td>15</td>
</tr>
<tr>
<td>145.303 Field Work: Alpine Physical Geography</td>
<td>15</td>
</tr>
<tr>
<td>145.304 Applied Field Geomorphology</td>
<td>15</td>
</tr>
<tr>
<td>145.311 Geographies of Globalisation</td>
<td>15</td>
</tr>
<tr>
<td>145.318 Geopolitics</td>
<td>15</td>
</tr>
<tr>
<td>145.320 Quaternary Biogeography and Environmental Change</td>
<td>15</td>
</tr>
<tr>
<td>145.327 Catchment Dynamics</td>
<td>15</td>
</tr>
<tr>
<td>230.301 Social Science at Work</td>
<td>15</td>
</tr>
</tbody>
</table>

### History
At least 75 credits in History including 45 credits at 200 and/or 300 level, and 30 credits at any level from the History Schedule.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>148.116 The Medieval World and its Legacy</td>
<td>15</td>
</tr>
<tr>
<td>148.141 A History of New Zealand's Peoples</td>
<td>15</td>
</tr>
<tr>
<td>148.142 The American Century</td>
<td>15</td>
</tr>
<tr>
<td>148.143 The Past as Entertainment: History Through Movies, Mini-series and Games</td>
<td>15</td>
</tr>
<tr>
<td>148.217 Victoria's World</td>
<td>15</td>
</tr>
<tr>
<td>148.218 The Vikings</td>
<td>15</td>
</tr>
<tr>
<td>148.220 The Second World War</td>
<td>15</td>
</tr>
<tr>
<td>148.221 Black Death and Other Plagues, 1300–1700</td>
<td>15</td>
</tr>
<tr>
<td>148.241 Revolution, Rights and the Atlantic World, 1763 to 1848</td>
<td>15</td>
</tr>
<tr>
<td>148.242 The Age of Jihad and Crusade</td>
<td>15</td>
</tr>
<tr>
<td>148.243 The Sixties: Sex and Drugs and Rock and Roll?</td>
<td>15</td>
</tr>
<tr>
<td>148.244 The Great War 1914–1918: A Military and Social History</td>
<td>15</td>
</tr>
<tr>
<td>148.245 Māori and Colonisation</td>
<td>15</td>
</tr>
<tr>
<td>148.246 Iwi History</td>
<td>15</td>
</tr>
<tr>
<td>148.248 Reformers, Radicals and Revolutionaries: Protest in New Zealand</td>
<td>15</td>
</tr>
<tr>
<td>148.308 New Zealand Military History: 1899 to 2001</td>
<td>15</td>
</tr>
<tr>
<td>148.309 The New Zealand Wars</td>
<td>15</td>
</tr>
<tr>
<td>148.310 The Tudors and the Reformation</td>
<td>15</td>
</tr>
</tbody>
</table>
Japanese
At least 75 credits in Japanese, including 45 credits at 200 and/or 300 level, and 30 credits at any level from the Japanese Schedule.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>148.245</td>
<td>Māori and Colonisation</td>
</tr>
<tr>
<td>150.202</td>
<td>Haurua Tangata: Māori Health Foundations</td>
</tr>
<tr>
<td>150.204</td>
<td>Mana Māori: Māori and Politics</td>
</tr>
<tr>
<td>150.213</td>
<td>Tikanga-a-Iwi: Tribal Development</td>
</tr>
<tr>
<td>150.216</td>
<td>He Huarahe Rangahau: Māori and Research</td>
</tr>
<tr>
<td>150.301</td>
<td>Te Mana Te Kawanatanga: Māori Policy and the State</td>
</tr>
<tr>
<td>150.302</td>
<td>Planning for Māori Health</td>
</tr>
<tr>
<td>150.303</td>
<td>Mana Whānui: Māori Women</td>
</tr>
<tr>
<td>150.304</td>
<td>Te Ao Hurihuri: Contemporary Māori Issues</td>
</tr>
<tr>
<td>269.332</td>
<td>Māori Issues in Education</td>
</tr>
</tbody>
</table>

Compulsory course selection
At least 15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>148.245</td>
<td>Māori and Colonisation</td>
</tr>
<tr>
<td>150.202</td>
<td>Haurua Tangata: Māori Health Foundations</td>
</tr>
<tr>
<td>150.204</td>
<td>Mana Māori: Māori and Politics</td>
</tr>
<tr>
<td>150.213</td>
<td>Tikanga-a-Iwi: Tribal Development</td>
</tr>
<tr>
<td>150.216</td>
<td>He Huarahe Rangahau: Māori and Research</td>
</tr>
<tr>
<td>150.301</td>
<td>Te Mana Te Kawanatanga: Māori Policy and the State</td>
</tr>
<tr>
<td>150.302</td>
<td>Planning for Māori Health</td>
</tr>
<tr>
<td>150.303</td>
<td>Mana Whānui: Māori Women</td>
</tr>
<tr>
<td>150.304</td>
<td>Te Ao Hurihuri: Contemporary Māori Issues</td>
</tr>
</tbody>
</table>

Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.106</td>
<td>Ngā Hanga Whakairo: Traditional Māori Visual Art</td>
</tr>
<tr>
<td>150.205</td>
<td>Kura Mai Tawhiti: Māori Knowledge</td>
</tr>
<tr>
<td>150.206</td>
<td>Ngā Momo Whakairo: Contemporary Māori Visual Art</td>
</tr>
</tbody>
</table>

Linguistics
At least 75 credits in Linguistics, including 45 credits at 200 and/or 300 level, and 30 credits at any level from the Linguistics Schedule.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>172.131</td>
<td>Language and Communication</td>
</tr>
<tr>
<td>172.133</td>
<td>Introduction to Language Studies</td>
</tr>
<tr>
<td>172.231</td>
<td>Linguistics for Speech Therapists</td>
</tr>
<tr>
<td>172.232</td>
<td>Language and Society in New Zealand</td>
</tr>
<tr>
<td>172.233</td>
<td>Language Learning Processes</td>
</tr>
<tr>
<td>172.234</td>
<td>Phonetics</td>
</tr>
<tr>
<td>172.235</td>
<td>Linguistic Analysis of the English Language</td>
</tr>
<tr>
<td>172.236</td>
<td>Forensic Linguistics</td>
</tr>
<tr>
<td>172.237</td>
<td>Language, Discourse and Power</td>
</tr>
<tr>
<td>172.239</td>
<td>Language and Culture</td>
</tr>
<tr>
<td>172.330</td>
<td>Sounds and Structures</td>
</tr>
<tr>
<td>172.334</td>
<td>Field Methods</td>
</tr>
<tr>
<td>172.335</td>
<td>Language and Identity</td>
</tr>
<tr>
<td>172.336</td>
<td>Languages of the Pacific</td>
</tr>
<tr>
<td>172.337</td>
<td>Historical and Comparative Linguistics</td>
</tr>
<tr>
<td>172.338</td>
<td>Language and Mediated Communication in a Transcultural World</td>
</tr>
</tbody>
</table>

Māori Studies
At least 75 credits in Māori Studies, including 300.110, 150.114, 150.201, 300.209 and 15 credits at 200 or 300 level.

Compulsory courses (60 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.114</td>
<td>He Tirohanga o Mua: Māori Custom, Lore and Economics</td>
</tr>
</tbody>
</table>
160.204 Differential Equations I  15  P 160.101 or 160.112 or 160.133 or 228.172
160.211 Linear Algebra  15  P 160.102 or 160.112 or 160.133 or 228.172
160.212 Discrete Mathematics  15  P 160.101 or 160.102 or 160.112 or 160.133 or 228.172
161.200 Statistical Models  15  P 160.1xx or 228.171, and one of 115.101, 161.100–161.138; R 161.231
160.301 Analysis  15  P 160.203
160.302 Algebra  15  P 160.212
160.314 Combinatorics  15  P 160.212
160.318 Differential Equations II  15  P 160.203, 160.204
160.319 Mathematical Modelling  15  P 160.204, 160.211
160.320 Mathematics in Education  15  P 160.2xx
160.380 Project  15

Media Studies

At least 75 credits in Media Studies, including 45 credits at 200 and/or 300 level; and 30 credits at any level from the Media Studies Schedule.

154.101 Introduction to Media Studies  15
154.115 Stardom and Celebrity in the Media  15
154.120 Transmedia Narrative and Storytelling  15
139.275 Gothic  15
154.201 Television Studies  15
154.202 Advertising and Consumer Society  15
154.203 Popular Culture and the Media  15
154.204 Digital Media Production I  15
154.205 Popular Music Studies  15
154.206 International Film History  15
154.212 New Zealand Cinema  15
154.215 Cult Media and Fandom  15
154.222 The Art of the Film  15
154.224 Documentary (Non-Fiction) Film  15
154.228 Media History  15 R 139.228
139.323 Script Writing  15
139.376 Sexual/Textual Politics  15
154.301 Culture, Power and the Media  15 P Any 200-level Media Studies course
154.302 Gender and Race in the Media  15 P Any 200-level Media Studies course
154.303 Hollywood Cinema  15 P Any 200-level Media Studies course
154.304 Digital Media Production II  15 P 154.204
154.308 Screen Fictions  15 P Any 200-level Media Studies course
154.311 Social Media and Digital Cultures  15 P Any 200-level Media Studies course
154.312 Trauma and the Media  15 P Any 200-level Media Studies course
154.313 Global Media Cultures  15 P Any 200-level Media Studies course
154.314 Independent Media in the Information Age  15 P Any 200-level Media Studies course
154.333 Humour and the Media  15 P Any 200-level Media Studies course

New Zealand Studies

At least 75 credits including 150.201; 30 credits at 200 and/or 300 level from the New Zealand Studies Schedule; and 30 credits at any level from the New Zealand Studies Schedule. No more than 30 credits may be completed from the same prefix.

121.103 New Zealand Environments  15
139.122 Contemporary Literary Forms of Aotearoa New Zealand  15
148.141 A History of New Zealand’s Peoples  15

150.106 Ngā Hanga Whakairo: Traditional Māori Visual Art  15
150.114 He Tirohanga o Mua: Māori Custom, Lore and Economics  15
176.102 New Zealand Society  15 R 176.104
178.110 The New Zealand Economy  15
200.162 Politics and Public Policy in New Zealand  15
230.102 Pacific Peoples in New Zealand  15
121.210 Environmental Issues  15 P 121.103; R 121.311
121.211 New Zealand Environmental Issues  15 P 121.103, 145.111 or 228.111
139.255 Critical Periods in Aotearoa New Zealand Literature  15
148.245 Māori and Colonisation  15 R 148.337
148.246 Iwi History  15
148.248 Reformers, Radicals and Revolutions: Protest in New Zealand  15
150.201 Te Kāvena o Waitangi: The Treaty of Waitangi in New Zealand Society  15 R 269.274
150.204 Mana Māori: Māori and Politics  15 P Any 100-level BA course
154.212 New Zealand Cinema  15
170.202 New Zealand Feminism  15
172.232 Language and Society in New Zealand  15
179.230 The Wellbeing of Pacific Peoples in New Zealand  15
121.310 Environmental Solutions  15 P 121.210; R 121.211
148.308 New Zealand Military History: 1899 to 2001  15
148.309 The New Zealand Wars  15 R 148.204
148.316 New Zealand Between the Wars  15
148.317 New Zealand Religious History  15
150.301 Te Māma Te Kawarataanga: Māori Policy and the State  15 P 150.201; nil for GradDipArts
200.361 Contemporary New Zealand Politics  15

Philosophy

At least 75 credits in Philosophy, including 45 credits at 200 and/or 300 level, and 30 credits at any level from the Philosophy Schedule.

134.101 Knowledge and Reality  15
134.102 Great Western Philosophy  15
134.104 Practical Ethics  15
134.105 Philosophy of Religion: God, Freedom and Evil  15 R 134.206, 134.306
134.106 Justice and Equality  15
134.201 Philosophy of Mind  15 R 134.301
134.203 Ethics  15 R 134.303
134.204 Aesthetics  15 R 134.304
134.205 Logic  15
134.207 International Justice  15
134.208 Philosophy of Science  15 R 134.308
134.215 Asian Philosophies  15 P Any 100-level BA course; R 134.315
134.216 Modern Philosophy  15 R 134.316
134.218 Environmental Philosophy  15 R 134.318
134.220 Business and Professional Ethics  15 R 134.320, 134.219, 134.319
134.221 East Asian Philosophy  15
200.215 Political Theory from Plato to Marx  15
134.302 Metaphysics  15 P Any 200-level 134 prefix course; R 134.202
134.303 Ethics  15 P Any two 200-level courses, at least one of which is in Philosophy; R 134.203
134.305 Meta-ethics  15 P Any 200-level 134-prefix course
134.308 Philosophy of Science  15 R 134.208
Planning Studies
At least 75 credits in Planning Studies, including at least 45 credits, at 200 and 300 levels, including 132.221, from the Planning Studies schedule.

132.101 Introduction to Professional Planning 15
132.111 Planning and the Environment 15
132.112 Planning for Sustainable Development 15
132.217 Planning Hazard-Resilient Communities 15
132.218 Building Collaborative Communities 15
132.221 Planning Studies 15
150.201 Treaty of Waitangi: The Treaty of Waitangi in New Zealand Society 15 R 269.274
132.304 Tōhono Tiai: Mōri and Planning 15 P 150.201
132.305 Natural Resource Policy and Planning 15 P Any 200-level Geography or Planning course
132.314 Transport and Urban Planning 15

Politics
At least 75 credits in Politics including 200.161; at least one of 200.215 or 200.261; 30 credits at 200 or 300 level, and 15 credits at any level from the Politics Schedule. The endorsement must include at least 60 credits from 200-prefix courses.

200.161 Introduction to Politics 15
200.162 Politics and Public Policy in New Zealand 15
230.121 Future State: New Zealand in the 21st Century 15
150.201 Treaty of Waitangi: The Treaty of Waitangi in New Zealand Society 15 R 269.274
200.215 Middle Eastern Politics 15
200.261 World Politics 15
145.318 Geopolitics 15
200.301 Contemporary International Conflict 15
200.302 Israel/Palestine and the Arab World 15
200.303 Democratic Politics 15
200.315 Contemporary Political Thought 15
200.361 Contemporary New Zealand Politics 15
230.301 Social Science at Work 15 P 30 credits at 200-level from 145, 146, 176, and/or 200-prefix courses

Portuguese
At least 75 credits in Portuguese, including 45 credits at 200 and/or 300 level, and 30 credits at any level from the Portuguese Schedule.

292.101 Introductory Portuguese Language 1 15 P R 292.102, 292.201, 292.202, 292.301
292.102 Introductory Portuguese Language 2 15 P 292.101; R 292.201, 292.202, 292.301
292.201 Intermediate Portuguese Language 1 15 P 292.102; R 292.202, 292.301
292.202 Intermediate Portuguese Language 2 15 P 292.201; R 292.301
292.301 Advanced Portuguese Language 15 P 292.202
292.305 Brazilian Culture and Heritage 15 P 292.202

Psychology
At least 75 credits in Psychology; including 175.102 and 175.203, 30 credits at 200 or 300 level, and 15 credits at any level from the Psychology Schedule.

175.101 Psychology as a Social Science 15
175.102 Psychology as a Natural Science 15
175.201 Social Psychology 15
175.203 Introduction to Psychological Research 15 P 175.102
175.205 Brain and Behaviour 15 P 175.102
175.206 Memory and Cognition 15 P 175.102
175.210 Ngā Tirohanga Rua o te Taha Hinengaro: Bicultural Perspectives in Psychology 15 R 175.312
175.301 Community Psychology 15 P 175.203
175.302 Abnormal and Therapeutic Psychology 15 P 175.203
175.303 The Practice of Psychological Research 15 P 175.203
175.304 The Psychology of Security 15
175.306 Assessment of Individual Differences 15 P 175.203
175.309 Forensic Psychology 15 P 175.203
175.311 Psychology of Women 15 P 175.203
175.313 Gender and Violence 15 P 175.203
175.316 Evolution, Culture and Mind 15 P 175.203
175.317 Health Psychology 15 P 175.203
175.318 Experimental Psychology 15 P 175.203; P/C 175.205, 175.206
175.343 Personnel Psychology and Career Development 15 P 175.203
175.345 Organisational Psychology 15 P 175.203

Public and Professional Writing
At least 75 credits in Public and Professional Writing, including 139.246 or 219.202; and 60 credits at any level from the Public and Professional Writing Schedule.

Compulsory courses
15 credits from:
139.246 Text Image Design: Digital Technical Writing 15 P 230.100 or 230.111 or 119.155 or 247.155 or 219.100 or 119.102
219.202 Professional and E-Business Writing 15 R 114.262

Elective courses:
139.231 Health Writing: Theory and Practice 15 P One of 230.100, 119.155, 247.155, 192.102, 119.177 or 247.177 or 219.100
139.244 Writing for the Public 15 P 230.100 or 230.111 or 119.155 or 247.155 or 119.177 or 247.177 or 219.100 or 192.102
139.280 Writing Creative Non-Fiction 15 R 139.327
139.340 The Publishing Project 15 P Any 200-level course with a 139 prefix or 219.202
139.348 Literacy Studies 15 P Any 200-level course with a 139 prefix or 219.202; R 139.208
154.311 Social Media and Digital Cultures 15 P Any 200-level Media Studies course
219.234 Editing and Publishing 15

Rehabilitation Studies
At least 75 credits in Rehabilitation Studies, including 45 credits at 200 and/or 300 level, and 30 credits at any level from the Rehabilitation Schedule.

147.101 Rehabilitation Studies 15
147.102 Mental Health and Society 15
### Social Anthropology
At least 75 credits in Social Anthropology, including 45 credits at 200 and/or 300 level, and 30 credits at any level from the Social Anthropology Schedule. The endorsement must include at least 60 credits from the 146-prefix courses.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>146.101</td>
<td>Introductory Social Anthropology</td>
<td>15</td>
</tr>
<tr>
<td>146.102</td>
<td>Endangered Cultures</td>
<td>15</td>
</tr>
<tr>
<td>230.121</td>
<td>Future State: New Zealand in the 21st Century</td>
<td>15</td>
</tr>
<tr>
<td>131.221</td>
<td>Global Development Issues</td>
<td>15</td>
</tr>
<tr>
<td>146.206</td>
<td>Visual Ethnography</td>
<td>15</td>
</tr>
<tr>
<td>146.208</td>
<td>Political Anthropology</td>
<td>15</td>
</tr>
<tr>
<td>146.209</td>
<td>Food and Eating</td>
<td>15</td>
</tr>
<tr>
<td>146.210</td>
<td>Ritual and Belief</td>
<td>15</td>
</tr>
<tr>
<td>146.211</td>
<td>Systems of Healing</td>
<td>15</td>
</tr>
<tr>
<td>146.213</td>
<td>Anthropological Enquiry</td>
<td>15</td>
</tr>
<tr>
<td>146.214</td>
<td>The Politics of Culture</td>
<td>15</td>
</tr>
<tr>
<td>150.213</td>
<td>Tikanga-ā-Iwi: Tribal Development</td>
<td>15</td>
</tr>
<tr>
<td>176.216</td>
<td>Understanding Globalisation</td>
<td>15</td>
</tr>
<tr>
<td>146.302</td>
<td>Regional Ethnography: Asia</td>
<td>15</td>
</tr>
<tr>
<td>146.303</td>
<td>Practice of Field Work</td>
<td>15</td>
</tr>
<tr>
<td>146.304</td>
<td>Culture, Biology and Racism</td>
<td>15</td>
</tr>
<tr>
<td>146.307</td>
<td>The Cultural Construction of Gender and Sexuality</td>
<td>15</td>
</tr>
<tr>
<td>146.311</td>
<td>Medical Systems of China, India and the West</td>
<td>15</td>
</tr>
<tr>
<td>146.313</td>
<td>Issues in South Pacific Anthropology</td>
<td>15</td>
</tr>
<tr>
<td>146.316</td>
<td>Visual Anthropology: Southasia and Global Issues</td>
<td>15</td>
</tr>
<tr>
<td>146.317</td>
<td>Urban Anthropology</td>
<td>15</td>
</tr>
<tr>
<td>146.318</td>
<td>Environmental Anthropology</td>
<td>15</td>
</tr>
<tr>
<td>176.310</td>
<td>Ethnicity and Ethnic Identity: Contemporary Issues</td>
<td>15</td>
</tr>
<tr>
<td>230.301</td>
<td>Social Science at Work</td>
<td>15</td>
</tr>
</tbody>
</table>

**P** 30 credits at 200 level from 145, 146, 176, and/or 200-prefix courses.

### Social Policy
At least 75 credits in Social Policy, including 279.101; 279.201; 30 credits at 200 or 300 level, and 15 credits at any level from the Social Policy Schedule.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>279.101</td>
<td>Social Policy: An Introduction</td>
<td>15</td>
</tr>
<tr>
<td>279.230</td>
<td>The Wellbeing of Pacific Peoples in New Zealand</td>
<td>15</td>
</tr>
<tr>
<td>279.201</td>
<td>Social Policy: Concepts and Theories</td>
<td>15</td>
</tr>
<tr>
<td>279.203</td>
<td>Law, Government and Social Policy</td>
<td>15</td>
</tr>
<tr>
<td>179.320</td>
<td>Community Development</td>
<td>15</td>
</tr>
<tr>
<td>179.330</td>
<td>Māori Development and the Social Services</td>
<td>15</td>
</tr>
<tr>
<td>279.301</td>
<td>Government Policy, Planning and Administration</td>
<td>15</td>
</tr>
<tr>
<td>279.302</td>
<td>Policy Research and Evaluation</td>
<td>15</td>
</tr>
</tbody>
</table>

### Sociology
At least 75 credits in Sociology, including 45 credits at 200 and/or 300 level, and 30 credits at any level from the Sociology Schedule.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>176.101</td>
<td>The Sociological Imagination</td>
<td>15</td>
</tr>
<tr>
<td>176.102</td>
<td>New Zealand Society</td>
<td>15</td>
</tr>
<tr>
<td>230.121</td>
<td>Future State: New Zealand in the 21st Century</td>
<td>15</td>
</tr>
<tr>
<td>176.203</td>
<td>Development and Social Change: Central Themes</td>
<td>15</td>
</tr>
<tr>
<td>176.204</td>
<td>Small Groups</td>
<td>15</td>
</tr>
<tr>
<td>176.205</td>
<td>Animals and Human Societies</td>
<td>15</td>
</tr>
<tr>
<td>176.206</td>
<td>Understanding Social Life</td>
<td>15</td>
</tr>
<tr>
<td>176.207</td>
<td>Family, Intimacy and Domestic Life</td>
<td>15</td>
</tr>
<tr>
<td>176.216</td>
<td>Understanding Globalisation</td>
<td>15</td>
</tr>
<tr>
<td>176.218</td>
<td>Race, Nation and Modernity</td>
<td>15</td>
</tr>
<tr>
<td>176.219</td>
<td>The Transformation of the Pacific: Central Themes</td>
<td>15</td>
</tr>
<tr>
<td>176.221</td>
<td>Ethnicity and Identity: Central Themes</td>
<td>15</td>
</tr>
<tr>
<td>176.222</td>
<td>Cities in the Twenty-first Century</td>
<td>15</td>
</tr>
<tr>
<td>176.301</td>
<td>The Sociological Project</td>
<td>15</td>
</tr>
<tr>
<td>176.302</td>
<td>Techniques of Social Investigation</td>
<td>15</td>
</tr>
<tr>
<td>176.303</td>
<td>Making the Nation</td>
<td>15</td>
</tr>
<tr>
<td>176.308</td>
<td>Sociology of the Environment</td>
<td>15</td>
</tr>
<tr>
<td>176.309</td>
<td>Development and Social Change: Contemporary Issues</td>
<td>15</td>
</tr>
<tr>
<td>176.310</td>
<td>Ethnicity and Ethnic Identity: Contemporary Issues</td>
<td>15</td>
</tr>
<tr>
<td>176.316</td>
<td>Understanding Globalisation in Depth</td>
<td>15</td>
</tr>
<tr>
<td>176.318</td>
<td>Sociology of Death and Dying</td>
<td>15</td>
</tr>
<tr>
<td>176.322</td>
<td>The World of Work: Contemporary Issues</td>
<td>15</td>
</tr>
<tr>
<td>176.323</td>
<td>The Transformation of the Pacific: Contemporary Issues</td>
<td>15</td>
</tr>
<tr>
<td>230.301</td>
<td>Social Science at Work</td>
<td>15</td>
</tr>
</tbody>
</table>

**P** 30 credits at 200 level from 145, 146, 176, and/or 200-prefix courses.

### Spanish
At least 75 credits in Spanish, including 45 credits at 200 and/or 300 level, and 30 credits at any level from the Spanish Schedule.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>245.101</td>
<td>Introductory Spanish Language I</td>
<td>15</td>
</tr>
<tr>
<td>245.102</td>
<td>Introductory Spanish Language II</td>
<td>15</td>
</tr>
<tr>
<td>245.103</td>
<td>Hispanic Culture and Heritage</td>
<td>15</td>
</tr>
<tr>
<td>245.201</td>
<td>Intermediate Spanish Language I</td>
<td>15</td>
</tr>
<tr>
<td>245.202</td>
<td>Intermediate Spanish Language II</td>
<td>15</td>
</tr>
<tr>
<td>245.203</td>
<td>The Sound of Spanish: Diction, Dialects and Diversity</td>
<td>15</td>
</tr>
<tr>
<td>245.204</td>
<td>Latin American Voices</td>
<td>15</td>
</tr>
</tbody>
</table>

**P** 245.201, R 164.255
Statistics
At least 75 credits in Statistics, including one of 161.120 or 161.130 (or 161.100); 45 credits at 200 and/or 300 level, and 15 credits at any level from the Statistics Schedule.

160.101 Calculus I 15 P 160.161, 160.112, 160.133, 228.172
160.102 Linear Mathematics 15 P 160.112, 160.133, 228.172
160.111 Mathematics 1A 15 P 160.103 or 160.131 or 160.132; R 160.101, 160.102, 160.161, 228.171
160.112 Mathematics 1B 15 P 160.111 or 228.171 or any one of 160.101, 160.102, 160.161; R 228.172, 160.133
160.132 Concepts in Mathematics 15 P 160.101, 160.102, 160.103, 160.111, 160.112, 160.131, 228.171, 228.172, 160.132 may not be taken after 160.133 has been passed
160.133 Processes in Mathematics 15 P 160.101, 160.111, or 228.171, or 160.101, or 160.102, or 160.103, or A- or better in 160.131, R 160.112, 228.172, both of 160.101, 160.102. And, 160.133 may not be taken at the same time as any of 160.101, 160.102 or 160.111
160.203 Calculus 15 P 160.101 or 160.110 or 160.133 or 228.172
160.211 Linear Algebra 15 P 160.102 or 160.112 or 160.133 or 228.172
160.220 Statistical Models 15 P 160.1xx or 228.171 and one of 115.101, 160.101–161.130; R 161.231
161.220 Data Analysis 15 P One of 115.101, 161.100–161.130; R 160.250
161.221 Applied Linear Models 15 P One of 115.101 or 161.100–161.130; R 161.320
161.223 Introduction to Data Mining 15 P One of 115.101, 161.100–161.130; R 161.324, 161.326, 161.777
161.250 Data Analysis for Biologists 15 P One of, 115.101, 161.100–161.130; R 161.220
161.321 Sampling and Experimental Design 15 P One of 161.2xx; R 161.322
161.322 Design and Analysis of Surveys and Experiments 15 P One of 161.2xx; R 161.775, 161.321 and 161.331
161.323 Multivariate Analysis 15 P One of 161.2xx
161.324 Data Mining 15 P R 161.220 or 161.221 or 161.250; R 161.223, 161.777
161.327 Generalised Linear Models 15 P R 161.221 and one of 161.2xx, R 161.726
161.331 Biostatistics 15 P R 161.220 or 161.221 or 161.250
161.342 Forecasting and Time Series 15 P R 161.220 or 161.221 or 161.250

Te Reo Māori
Compulsory courses:
300.111 Te Reo Kētakākīnaki: Developing Te Reo 15
300.210 Te Reo Kētākērero: Discussing in Te Reo 15 P 300.111
300.211 Te Reo Whatakākōnako: Embellishing Te Reo 15 P 300.111

Compulsory course selection
At least 30 credits from:
300.310 Te Reo Awhaia: Creative Writing in Te Reo 15 P 300.211
300.311 Te Reo Pāpa: Strengthening Te Reo 15 P 300.211
300.312 Te Reo o te Marae: Karanga and Whakārērērērērērē 15 P 300.211

Subject courses:
300.110 Te Reo Whakahaiao: Socialising in Te Reo 15
300.209 Te Reo Tīrangapū: Political Te Reo 15 P 300.110 or 300.111

Theatre Studies
At least 75 credits in Theatre Studies, including 139.104 or 139.133; 45 credits at 200 and/or 300 level, and 15 credits at any level from the Theatre Studies Schedule.

Compulsory course
At least 15 credits from:
139.104 Drama in Performance 15
139.133 Creative Communication 15

Elective courses:
139.209 Speaking: Theory and Practice 15
139.220 Applied Theatre: Theatre for Social Change 15
139.222 Creative Processes 15
139.224 Making Plays for Theatre 15
139.303 Modern Drama 15
139.320 Theatre in Production 15
139.323 Script Writing 15
139.333 Creativity in the Community 15 P Any one of 139.123, 139.104, 139.133, 154.204 or 139.223

Women's Studies (no new enrolments from 2017)
At least 75 credits in Women's Studies, including 170.201; 30 credits at 200 and/or 300 level, and 30 credits at any level from the Women's Studies Schedule.

170.102 Women of Ideas and Action 15
145.218 Development and Inequality 15
146.209 Food and Eating 15
170.201 What is Feminism? 15
170.202 New Zealand Feminism 15
176.207 Family, Intimacy and Domestic Life 15
201.211 Love and Sexuality in Ancient Greece 15
139.361 The Literature of Women 15
139.376 Sexual/Textual Politics 15
150.303 Mana Wāhine: Māori Women 15 P 150.216 (or approved alternative research methods course); R 150.203
154.302 Gender and Race in the Media 15 P Any 200-level Media Studies course
175.313 Gender and Violence 15 P 175.203
175.311 Psychology of Women 15 P 175.203
219.302 Gender and Communication in Organisations 15 R 114.358
275.304 Development of Gender 15

Schedule D: Elective Courses (not otherwise included in endorsements schedule)
130.301 Incident Command Systems 15 P Any 200-level course or Graduate Status
150.103 Nau mai e noho: Engaging with Māori 15 R 158.114
The Diploma in Business Studies

DipBusStuds

Programme Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Diploma in Business Studies requires that the candidate will meet the University admission requirements as specified.

Qualification Requirements

2. Candidates for the Diploma in Business Studies shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) at least 45 credits above 100 level;
   (b) at least 90 credits from the Schedule for the Diploma in Business Studies.
   And including:
   (c) any compulsory courses;
   (d) attending field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations

3. The Diploma in Business Studies is awarded without an endorsement.


Completion Requirements

5. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded a Certificate in Business Studies should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

7. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions

8. All candidates commencing study toward the Diploma in Business Studies on or after 1 January 2017 must satisfy the requirements specified in these regulations.

9. Candidates who enrolled in the Diploma in Business Studies prior to 2017, and who have completed 15 credits at 200 level towards an endorsement, may complete under the Diploma in Business Studies regulations as they appear in the 2016 Massey University Calendar.

10. Candidates who enrolled in the Diploma in Business Studies prior to 2017, and who have not completed 15 credits at 200 level towards an endorsement, must complete the qualification in accordance with these regulations.

11. These transition arrangements expire at the end of 2018.

12. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the degree, candidates who have completed at least 15 credits towards the Diploma in Business Studies prior to 1 January 2018 may be permitted to substitute a course or courses already completed for a course or courses included in the Schedule to the Diploma. These transition arrangements expire 31 December 2020.

Schedule for the Diploma in Business Studies

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>110.109</td>
<td>Introductory Financial Accounting</td>
<td>15</td>
</tr>
<tr>
<td>115.109</td>
<td>Introduction to Business Data Analysis</td>
<td>15</td>
</tr>
<tr>
<td>115.111</td>
<td>Strategic Workplace Communication</td>
<td>15</td>
</tr>
<tr>
<td>115.112</td>
<td>Accounting for Business</td>
<td>15</td>
</tr>
<tr>
<td>115.113</td>
<td>Economics for Business</td>
<td>15</td>
</tr>
<tr>
<td>115.114</td>
<td>Finance Fundamentals</td>
<td>15</td>
</tr>
<tr>
<td>115.115</td>
<td>Management in Context</td>
<td>15</td>
</tr>
<tr>
<td>115.116</td>
<td>Introduction to Marketing</td>
<td>15</td>
</tr>
<tr>
<td>125.111</td>
<td>Financial Capability and Consumer Protection</td>
<td>15</td>
</tr>
<tr>
<td>115.211</td>
<td>Business Law</td>
<td>15</td>
</tr>
<tr>
<td>115.212</td>
<td>Fundamentals of Leadership and Teamwork</td>
<td>15</td>
</tr>
<tr>
<td>155.110</td>
<td>Retail Law</td>
<td>15</td>
</tr>
<tr>
<td>157.150</td>
<td>Management Information Systems</td>
<td>15</td>
</tr>
<tr>
<td>161.101</td>
<td>Statistics for Business</td>
<td>15</td>
</tr>
<tr>
<td>178.100</td>
<td>Principles of Macroeconomics</td>
<td>15</td>
</tr>
<tr>
<td>178.111</td>
<td>Quantitative Methods for Economics</td>
<td>15</td>
</tr>
<tr>
<td>290.100</td>
<td>Retail Practice Internship</td>
<td>15</td>
</tr>
<tr>
<td>290.102</td>
<td>Fundamentals of Retailing</td>
<td>15</td>
</tr>
<tr>
<td>110.209</td>
<td>Intermediate Financial Accounting</td>
<td>15</td>
</tr>
<tr>
<td>110.229</td>
<td>Management Accounting</td>
<td>15</td>
</tr>
<tr>
<td>110.249</td>
<td>Accounting Information Systems</td>
<td>15</td>
</tr>
<tr>
<td>110.279</td>
<td>Auditing</td>
<td>15</td>
</tr>
<tr>
<td>110.289</td>
<td>Taxation</td>
<td>15</td>
</tr>
<tr>
<td>114.240</td>
<td>Organisational Behaviour</td>
<td>15</td>
</tr>
<tr>
<td>114.241</td>
<td>Principles of Human Resources Management</td>
<td>15</td>
</tr>
<tr>
<td>114.254</td>
<td>Employment Relations</td>
<td>15</td>
</tr>
<tr>
<td>125.220</td>
<td>Financial Institutions and Markets</td>
<td>15</td>
</tr>
<tr>
<td>125.230</td>
<td>Business Finance</td>
<td>15</td>
</tr>
<tr>
<td>125.241</td>
<td>Introduction to Investments</td>
<td>15</td>
</tr>
<tr>
<td>125.250</td>
<td>Financial Modelling</td>
<td>15</td>
</tr>
<tr>
<td>127.241</td>
<td>Property Market Principles</td>
<td>15</td>
</tr>
<tr>
<td>127.242</td>
<td>Introduction to Property Valuation</td>
<td>15</td>
</tr>
<tr>
<td>127.245</td>
<td>Introduction to Property Finance and Investment</td>
<td>15</td>
</tr>
<tr>
<td>152.203</td>
<td>Business and Society</td>
<td>15</td>
</tr>
<tr>
<td>156.202</td>
<td>Essentials of Law</td>
<td>15</td>
</tr>
<tr>
<td>156.203</td>
<td>Law of Business Organisations</td>
<td>15</td>
</tr>
<tr>
<td>156.210</td>
<td>Commercial Law</td>
<td>15</td>
</tr>
<tr>
<td>152.232</td>
<td>Small Business Management</td>
<td>15</td>
</tr>
<tr>
<td>152.233</td>
<td>Entrepreneurship and Innovation: Fundamentals</td>
<td>15</td>
</tr>
<tr>
<td>152.250</td>
<td>Managing Organisations</td>
<td>15</td>
</tr>
<tr>
<td>152.252</td>
<td>Project Management</td>
<td>15</td>
</tr>
<tr>
<td>152.261</td>
<td>International Business</td>
<td>15</td>
</tr>
</tbody>
</table>
Qualification Regulations

Part I

1. These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

2. Admission to the Diploma in Communication requires that the candidate will meet the University admission requirements as specified.

Qualification Requirements

3. Candidates for the Diploma in Communication shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:

(a) 15 credits selected from Schedule A; and
(b) 30 credits selected from Schedule B; and
(c) 30 credits selected from Schedule C; and
(d) 45 credits at 200 level or above from Part II of the Bachelor of Communication Schedule.

Specialisations

4. The Diploma in Communication is awarded without endorsements.

Completion Requirements

5. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Diploma in Design requires that the candidate will:

(a) meet the University admission requirements as specified; and
(b) have been selected into the Diploma following a selection process which will include the assessment of a portfolio of work submitted by the candidate.

Qualification Requirements

2. Candidates for the Diploma in Design shall follow a flexible course of study, which shall consist of courses totalling at least 240 credits, comprising:

(a) courses selected from the Schedule to the Diploma; and
and including
(b) at least 75 credits at 200 level or above;
(c) attending contact workshops, block courses, field trips, studios, workshops, tutorials and laboratories as required.

Specialisations

3. The Diploma in Design is awarded without endorsement.

Completion Requirements

4. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

5. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Certificate in Arts should they meet the requirements.

Unsatisfactory Academic Progress

6. The general Unsatisfactory Academic Progress Regulations will apply.

Schedule for the Diploma in Communication

Schedule A (15 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>219.100</td>
<td>Introduction to Business Communication</td>
<td>15</td>
<td>R 114.100, 114.253, 219.203</td>
</tr>
</tbody>
</table>

Schedule B (30 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.116</td>
<td>Introduction to Marketing</td>
<td>15</td>
<td>R 115.104</td>
</tr>
<tr>
<td>219.101</td>
<td>Media Skills</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>219.107</td>
<td>Introduction to Cross-Cultural Communication</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

Schedule C (30 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>139.133</td>
<td>Creative Communication</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>154.101</td>
<td>Introduction to Media Studies</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>172.131</td>
<td>Language and Communication</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

The Diploma in Design

DipDesign

Completion Requirements

4. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

5. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Diploma in Visual Arts should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

6. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Diploma in Design

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>197.119</td>
<td>Coding for Creative Practice</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>197.122</td>
<td>Digital Fabrication</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>197.123</td>
<td>Visual Identity Systems</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>197.191</td>
<td>Art and Design: Special Topic I</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
</tr>
<tr>
<td>197.211</td>
<td>Rapid Ideation</td>
<td>15</td>
<td>P 75 credits at 100 level</td>
</tr>
<tr>
<td>197.228</td>
<td>Contemporary Design Project A</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
</tr>
<tr>
<td>197.238</td>
<td>Interaction and Interface I</td>
<td>15</td>
<td>P 75 credits at 100 level including 198.157 or 212.157 or 213.157 or 213.157 or 221.157 or 222.157 or 222.157 or 223.157 or 224.157 or 198.291</td>
</tr>
</tbody>
</table>

The Diploma in Communication

DipC

6. Candidates may be graduated when they meet the Qualification and Academic requirements within the prescribed timeframes. Candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Certificate in Arts should they meet the requirements.

Unsatisfactory Academic Progress

7. The general Unsatisfactory Progress Regulations will apply.

Schedule for the Diploma in Communication

Schedule A (15 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>219.100</td>
<td>Introduction to Business Communication</td>
<td>15</td>
<td>R 114.100, 114.253, 219.203</td>
</tr>
</tbody>
</table>

Schedule B (30 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.116</td>
<td>Introduction to Marketing</td>
<td>15</td>
<td>R 115.104</td>
</tr>
<tr>
<td>219.101</td>
<td>Media Skills</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>219.107</td>
<td>Introduction to Cross-Cultural Communication</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

Schedule C (30 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>139.133</td>
<td>Creative Communication</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>154.101</td>
<td>Introduction to Media Studies</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>172.131</td>
<td>Language and Communication</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>
213.356 Contemporary Art Projects E 15
213.358 Fine Arts Internship 15
213.359 Contemporary Art Projects K 15
213.360 Fine Arts Special Topic IIIB 30
213.411 Fine Arts Special Topic IV 15
213.464 Art in Context 15
213.465 Exhibition 15
221.100 Photography as an Agent of Change 15
221.157 Studio I (Lens) 15
221.220 Photography and the Studio 15
221.221 Photography and Digital Practices I 15
221.222 Photography and the Darkroom 15
221.257 Design Studio IIA (Photography) 30
221.258 Design Studio IIB (Photography) 30
221.281 Photography Special Topic A 15
221.320 Photography and the Body 15
221.321 Photography and Digital Practices II 15
221.357 Design Studio IIA (Photography) 30
221.358 Design Studio IIB (Photography) 30
221.391 Photography Special Topic B 15
221.453 Photography Research and Development 30
221.454 Photography Research Project 45
221.455 Photography Studio Project 45
221.456 Photography and the Archive 15
221.495 Photography Independent Study 15
221.103 Social Media Culture 15
221.104 Printmaking 15
221.157 Studio I (Screen) 15
221.158 Studio I (Type) 15
222.207 Bookmaking 15
222.208 Letterpress 15
222.215 Brand Communication 15
222.225 Story and Narration 15
222.232 Character Design 15
222.246 Icons, Pictograms and Symbols 15
222.248 Typographic Systems 15
222.257 Design Studio IIA (Visual Communication) 30
222.258 Design Studio IIB (Visual Communication) 30
222.300 Typeface Design 15
P 75 credits at 200 level from College of Creative Arts
P 75 credits at 200 level from College of Creative Arts; R 213.412
P 75 credits at 200 level from College of Creative Arts
P 75 credits at 200 level from College of Creative Arts
P 75 credits at 300 level
P (198.454 or 198.455 or 212.454 or 212.455 or 212.442 or 212.454 or 221.455 or 222.454 or 222.455 or 223.455 or 224.454 or 224.455) or Permission Head of School
P 75 credits at 100 level, R 221.272
P 75 credits at 100 level, R 221.271
P [237.130 or 237.131] plus 221.157 and two of 198.157, 212.157, 213.157, 213.158, 222.157, 222.158, 223.157, 223.158, R 221.271
P 221.257, R 221.270, 221.272
P Permission Course Coordinator
P 221.100 or 212.157 and (198.258 or 212.258 or 213.242 or 221.258 or 222.258 or 223.258 or 224.258)
P (237.130 or 237.131) plus 221.157 and two of 198.157, 212.157, 213.157, 213.158, 222.157, 222.158, 223.157, 223.158, R 221.271
P 221.358 or 223.358 or 224.358 or 221.358 or 222.358 or 223.358 or 224.358 or B- average over 222.358 and 237.330; or B- average over 221.370 and 221.387; or PGDisDses admission
P 221.358 or 223.358 or 224.358 or ([221.100 or 221.157] and [198.358 or 212.358 or 213.342 or 222.358 or 223.358 or 224.358])
P 221.330 or 221.331 or 221.381 or Permission Course Coordinator
P Permission Head of School
R 222.209
R 197.131
R 197.131, 222.100
P 75 credits at 100 level
P 75 credits at 100 level
P 75 credits at 100 level from College of Creative Arts or 75 credits at 100 level including 115.104 or 115.116
P 75 credits at 100 level from College of Creative Arts
P 75 credits at 100 level from College of Creative Arts
P 75 credits at 100 level from College of Creative Arts
P 75 credits at 100 level from College of Creative Arts
P (237.130 or 237.131) plus (222.157 or 222.158 and two of 198.157, 212.157, 213.157, 213.158, 222.157, 222.158, 223.157, 223.158, 224.157, R 222.202, 222.203, 222.210, 222.220, 222.230, 222.231, 222.270
P 222.257, R 222.202, 222.203, 222.210, 222.220, 222.230, 222.231, 222.270
P 222.258, R 222.404
### The Diploma for Education Support Workers  
**DipEducSuppWkrs**

<table>
<thead>
<tr>
<th>Qualification Regulations</th>
<th></th>
</tr>
</thead>
</table>
| **Part I**  
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates. |  |
| **Part II**  
**Admission**  
1. Admission to the Diploma for Education Support Workers requires that the candidate will meet the University admission requirements as specified.  
**Qualification Requirements**  
2. Candidates for the Diploma for Education Support Workers shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:  
(a) at least 75 credits at 100 level or above;  
and including:  
(b) any compulsory courses;  
(c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required. |  |

<table>
<thead>
<tr>
<th>Specialisations</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3. The Diploma for Education Support Workers is awarded without an endorsement.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Completion Requirements</th>
<th></th>
</tr>
</thead>
</table>
| 4. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.  
5. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded a Certificate in Arts should they meet the relevant Qualification requirements.  
** Unsatisfactory Academic Progress**  
6. The general Unsatisfactory Academic Progress regulations will apply. |  |

<table>
<thead>
<tr>
<th>Schedule for the Diploma for Education Support Workers</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Compulsory courses (45 credits):</strong></td>
<td></td>
</tr>
</tbody>
</table>
| 249.265  
Understanding Learners with Diverse Needs | 15 |
| 254.102  
Introduction to Professional and Ethical Practice in Different Learning Contexts | 15 |
Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Diploma in Fine Arts requires that the candidate will have:
   (a) met the University admission requirements as specified;
   (b) been selected into the Diploma following a selection process which will include the assessment of a portfolio of work submitted by the candidate and, at the discretion of Academic Board or their delegate, an interview.

Qualification Requirements

2. Candidates for the Diploma in Fine Arts shall follow a flexible course of study, which shall consist of courses totalling at least 240 credits, comprising:
   (a) courses selected from the Schedule to the Diploma;
   (b) at least 75 credits at 200 level or above;
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations

3. The Diploma in Fine Arts is awarded without endorsement.

Completion Requirements

4. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

5. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board or their delegate, be awarded the Diploma in Visual Arts should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

6. The general Unsatisfactory Academic progress regulations will apply.

Schedule for the Diploma in Fine Arts

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>198.157</td>
<td>Studio I (Object)</td>
<td>15</td>
</tr>
<tr>
<td>212.157</td>
<td>Studio I (Dress)</td>
<td>15</td>
</tr>
<tr>
<td>213.150</td>
<td>Painting</td>
<td>15</td>
</tr>
<tr>
<td>213.151</td>
<td>Contemporary Sculpture</td>
<td>15</td>
</tr>
<tr>
<td>213.154</td>
<td>Contemporary Drawing</td>
<td>15</td>
</tr>
<tr>
<td>213.155</td>
<td>Drawing the Body I</td>
<td>15</td>
</tr>
<tr>
<td>213.157</td>
<td>Studio I (Art Lab)</td>
<td>15</td>
</tr>
<tr>
<td>213.158</td>
<td>Studio I (Art Place)</td>
<td>15</td>
</tr>
<tr>
<td>221.157</td>
<td>Studio I (Lens)</td>
<td>15</td>
</tr>
<tr>
<td>222.157</td>
<td>Studio I (Screen)</td>
<td>15</td>
</tr>
<tr>
<td>222.158</td>
<td>Studio I (Type)</td>
<td>15</td>
</tr>
</tbody>
</table>

The Diploma in Fine Arts

DipFineArts

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>223.157</td>
<td>Studio I (Material)</td>
<td>15</td>
</tr>
<tr>
<td>224.157</td>
<td>Studio I (Space)</td>
<td>15</td>
</tr>
<tr>
<td>237.130</td>
<td>Communication for Makers</td>
<td>15</td>
</tr>
<tr>
<td>237.131</td>
<td>Conversations in Creative Cultures</td>
<td>15</td>
</tr>
<tr>
<td>197.288</td>
<td>Creative Industries</td>
<td>15</td>
</tr>
<tr>
<td>213.211</td>
<td>Fine Arts Special Topic II</td>
<td>15</td>
</tr>
<tr>
<td>213.241</td>
<td>Art Studio IIA</td>
<td>30</td>
</tr>
<tr>
<td>213.242</td>
<td>Art Studio IIB</td>
<td>30</td>
</tr>
<tr>
<td>213.254</td>
<td>Contemporary Drawing Projects</td>
<td>15</td>
</tr>
<tr>
<td>213.255</td>
<td>Drawing the Body II</td>
<td>15</td>
</tr>
<tr>
<td>213.256</td>
<td>Contemporary Art Projects A</td>
<td>15</td>
</tr>
<tr>
<td>213.257</td>
<td>Contemporary Art Projects B</td>
<td>15</td>
</tr>
<tr>
<td>213.258</td>
<td>Contemporary Art Projects C</td>
<td>15</td>
</tr>
<tr>
<td>213.259</td>
<td>Contemporary Art Projects D</td>
<td>15</td>
</tr>
<tr>
<td>213.260</td>
<td>Fine Arts Special Topic IIB</td>
<td>30</td>
</tr>
<tr>
<td>213.261</td>
<td>Contemporary Art Projects F</td>
<td>15</td>
</tr>
<tr>
<td>213.262</td>
<td>Contemporary Art Projects G</td>
<td>15</td>
</tr>
<tr>
<td>213.263</td>
<td>Contemporary Art Projects H</td>
<td>15</td>
</tr>
<tr>
<td>213.264</td>
<td>Contemporary Art Projects I</td>
<td>15</td>
</tr>
<tr>
<td>213.265</td>
<td>Contemporary Art Projects J</td>
<td>15</td>
</tr>
<tr>
<td>237.230</td>
<td>Creative Cultures and Contexts I</td>
<td>15</td>
</tr>
<tr>
<td>237.231</td>
<td>Creative Cultures and Contexts II</td>
<td>15</td>
</tr>
<tr>
<td>197.388</td>
<td>Creative Enterprise</td>
<td>15</td>
</tr>
<tr>
<td>213.311</td>
<td>Fine Arts Special Topic III</td>
<td>15</td>
</tr>
<tr>
<td>213.341</td>
<td>Art Studio IIIA</td>
<td>30</td>
</tr>
<tr>
<td>213.342</td>
<td>Art Studio IIIB</td>
<td>30</td>
</tr>
<tr>
<td>213.355</td>
<td>Drawing the Body III</td>
<td>15</td>
</tr>
<tr>
<td>213.356</td>
<td>Contemporary Art Projects E</td>
<td>15</td>
</tr>
<tr>
<td>213.357</td>
<td>Introduction to Fine Arts Research Methods and Practices</td>
<td>15</td>
</tr>
<tr>
<td>213.358</td>
<td>Fine Arts Internship</td>
<td>15</td>
</tr>
<tr>
<td>213.359</td>
<td>Contemporary Art Projects K</td>
<td>15</td>
</tr>
<tr>
<td>213.360</td>
<td>Fine Arts Special Topic IIIB</td>
<td>30</td>
</tr>
<tr>
<td>237.330</td>
<td>Creative Cultures and Ideas</td>
<td>15</td>
</tr>
<tr>
<td>237.331</td>
<td>Creative Cultures and Display</td>
<td>15</td>
</tr>
</tbody>
</table>
No new enrolments from 2016

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Diploma in Health Science requires that the candidate meet the University admission requirements as specified.

Qualification Requirements

2. Candidates for the Diploma in Health Science shall follow a flexible course of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) courses selected from the Schedule for the Diploma;
   (b) at least 45 credits at 200-level or above;
   (c) any compulsory courses listed in the Schedule for the Diploma;
   (d) attending contact workshops, block courses, field trips, studios, workshops, tutorials and laboratories as required.

Specialisations

3. The Diploma in Health Science is awarded without an endorsement.

Completion Requirements

4. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

5. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress

6. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions

7. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the Diploma, candidates who enrolled in the Diploma in Health Science prior to January 2016 may be permitted course substitution beyond the normal limits.

8. These Transitional arrangements expire in December 2020.
The Diploma in Human Development

DipHD

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Diploma in Human Development requires that the candidate will meet the University admission requirements as specified.

Qualification Requirements

2. Candidates for the Diploma in Human Development shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) at least 75 credits at 200 level or above;
   (b) the core courses listed in the Schedule to the Diploma;
   (c) any compulsory courses listed in the Schedule to the Diploma;
   (d) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations

3. The Diploma in Human Development is awarded without an endorsement.

Completion Requirements

4. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

5. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Certificate in Arts should they meet the relevant Qualification requirements.
The Diploma in Meat Technology
DipMeatTech

Qualification Regulations
Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II
Admission
1. Admission to Diploma in Meat Technology requires that the candidate will:
   (a) have attained at least 14 credits at NCEA Level 2 in each of English, Mathematics, and either Science or Biology, and at least 7 credits in a fourth subject; or
   (b) produce evidence of a satisfactory standard of general education and/or informal learning equivalent to that specified in Regulation 1(a).

Qualification Requirements
2. Candidates for the Diploma in Meat Technology shall follow a parts-based programme of study, which shall consist of courses totalling at least 135 credits, comprising:
   (a) completion of Part One and Part Two;
   (b) courses as specified in the Schedule to the Diploma;
   (c) completion of practicum requirements;
   (d) attending field trips, studios, workshops, tutorials, and laboratories as required.

3. Candidates who, in the opinion of the Academic Board, have provided sufficient evidence of attainment in the subjects of Part One may be cross-credited with specified or unspecified courses not exceeding a total of 45 credits from Part One. This is additional to standard cross-crediting maxima.

4. Notwithstanding Regulations 2(c) and 6, practicum requirements may be waived if the candidate has recently, completed a total of at least two years of meat industry experience that in the opinion of Academic Board or their delegate is sufficient to enable the candidate to complete the programme of study.

Specialisations
5. The Diploma in Meat Technology is awarded without specialisation.

Academic Requirements
6. Candidates must complete to the satisfaction of Academic Board two periods of practical work totalling not less than 300 hours and practical reports in accordance with the requirements of courses 142.018 Practicum I and 142.019 Practicum II.

The Diploma in Rehabilitation Studies
DipRehabStuds

No new enrolments from 2016

Qualification Regulations
Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II
Admission
1. Admission to the Diploma in Rehabilitation requires that the candidate will meet the University admission requirements as specified.

Qualification Requirements
2. Candidates for the Diploma in Rehabilitation Studies shall follow a flexible course of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) at least 45 credits at 200-level;
and including:
(b) any compulsory courses listed in the Schedule for the Diploma in Rehabilitation Studies
(c) attending contact workshops, block courses, field trips, studies, workshops, tutorials and laboratories as required.

Specialisations
3. The Diploma in Rehabilitation Studies is awarded without an endorsement.

Completion Requirements
4. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.
5. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress
6. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Diploma in Rehabilitation Studies

<table>
<thead>
<tr>
<th>Schedule A: Compulsory Courses (60 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>147.101 Rehabilitation Studies</td>
</tr>
<tr>
<td>147.102 Mental Health and Society</td>
</tr>
<tr>
<td>147.201 Issues in Rehabilitation</td>
</tr>
<tr>
<td>231.106 Introduction to Public Health</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Schedule B: Elective Courses (60 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>146.101 Introductory Social Anthropology</td>
</tr>
<tr>
<td>147.102 Mental Health and Society</td>
</tr>
<tr>
<td>150.114 He Tirohanga o Mua: Māori</td>
</tr>
<tr>
<td>Custom, Lore and Economics</td>
</tr>
</tbody>
</table>

The Diploma in Science and Technology
DipScTech

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II
Admission
1. Admission to the Diploma in Science and Technology requires that the candidate will meet the University admission requirements as specified.

Qualification Requirements
2. Candidates for the Diploma in Science and Technology shall follow a flexible programme of study, which shall comprise:
   (a) a selection of courses approved by the Academic Board (or its delegate) selected from the Schedule to the Qualification;
   (b) at least 120 credits, at 100 level or above.
3. Notwithstanding Regulation 2(a), and at the discretion of Academic Board, students exiting from or proceeding to the Bachelor of AgriCommerce, Bachelor of Construction, Bachelor of Engineering with Honours, Bachelor of Food Technology with Honours, Bachelor of Medical Laboratory Science, Bachelor of Veterinary Science, and Bachelor of Veterinary Technology may have a personal programme variation approved in excess of stated limits, to meet the requirements of the Diploma in Science and Technology through substitution of courses from the schedules to those degrees.

Specialisations
4. The Diploma in Science and Technology is awarded without endorsement.
5. Endorsements available in accordance with transition arrangements are: Engineering Studies and Veterinary Preparation. To complete an endorsement under these arrangements a candidate must pass a coherent set of courses of at least 90 credits as specified in the Schedule to the Diploma.

Completion Requirements
6. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.
7. Candidates may be graduated when they meet the Admission, Qualification, and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board, be awarded the Certificate in Science and Technology should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
8. The general Unsatisfactory Academic Progress regulations will apply.

Transition Provisions
9. All candidates who commenced study towards the Diploma in Science and Technology on or after 1 January 2018 must satisfy the requirements as specified in these regulations.
10. Candidates who commenced study towards an endorsement in the Diploma in Science and Technology prior to 2018, but who have not completed the qualification by the end of the 2020 academic year, will not be permitted to complete their endorsement and will be required to transfer to the unendorsed qualification.

Schedule for the Diploma in Science and Technology
Undergraduate courses selected from the following prefixes: 112 Agribusiness, 117 Animal Science, 119 Agriculture and Horticulture, 120 Plant Biology, 121 Environmental Science, 122 Biochemistry, 123 Chemistry (not 123.171 or 123.172), 124 Physics (not 124.171 or 124.172), 138 Agricultural Engineering, 145 Geography, 151 Nutritional Science, 157 Information Systems, 158 Information Technology, 159 Computer Science, 160 Mathematics, 161 Statistics, 162 Biology, 175 Psychology, 188 Natural Sciences; 147.101 Psychology as a Social Science; 147.102 Psychology as a Natural Science; 176.101 The Sociological Imagination; 176.102 New Zealand Society; 275.102 Human Development; 279.101 Social Policy: An Introduction; 300.110 Te Reo Whakahoahoa: Socialising in Te Reo; 300.111 Te Reo Kōnakinaki: Developing Te Reo; 147.202 Mental Health Policy and Practice; 150.201 Te Kawenata o Waitangi: The Treaty of Waitangi in New Zealand Society; 150.202 Haunui Tāngata: Māori Health Foundations; 175.205 Brain and Behaviour; 250.231 Health and Health Inequalities; 253.250 Counselling Principles and Practice; 253.255 Cultural Issues in Counselling; 128.300 Ergonomics/Human Factors: Work, Performance, Health and Design; 147.302 Alcohol and Drug Use; 147.303 Case Management and Rehabilitation Counselling; 147.317 Disability in Society; 147.333 Health and Ageing.

Back to Contents
The Diploma in Visual Arts

### Qualification Regulations

#### Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

#### Part II

**Admission**

1. Admission to the Diploma in Visual Arts requires that the candidate will meet the University admission requirements as specified.

### Qualification Requirements

2. Candidates for the Diploma in Visual Arts shall follow a flexible course of study, which shall consist of courses totalling at least 120 credits, comprising:
   
   (a) at least 105 credits from courses included in the Diploma in Visual Arts schedule;
   
   (b) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

3. Notwithstanding Regulation 2, with the approval of Academic Board or their delegate, relevant courses may be substituted for courses included in the Diploma in Visual Arts schedule beyond the normal permitted limits.

## The Diploma in Visual Arts

### Compulsory courses (75 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>228.153</td>
<td>Introductory Engineering Studies</td>
<td>15</td>
</tr>
<tr>
<td>123.103</td>
<td>Introductory Chemistry</td>
<td>15</td>
</tr>
<tr>
<td>124.100</td>
<td>Introductory Physics</td>
<td>15</td>
</tr>
<tr>
<td>160.103</td>
<td>Introductory University Mathematics</td>
<td>15</td>
</tr>
<tr>
<td>160.132</td>
<td>Concepts in Mathematics</td>
<td>15</td>
</tr>
<tr>
<td>247.155</td>
<td>Communication in the Sciences</td>
<td>15</td>
</tr>
<tr>
<td>192.102</td>
<td>Academic Writing in English for Speakers of Other Languages</td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>120.101</td>
<td>Biology of Plants</td>
<td>15</td>
</tr>
<tr>
<td>123.101</td>
<td>Chemistry and Living Systems</td>
<td>15</td>
</tr>
<tr>
<td>122.102</td>
<td>Biochemistry of Cells</td>
<td>15</td>
</tr>
<tr>
<td>123.102</td>
<td>Chemistry and the Material World</td>
<td>15</td>
</tr>
<tr>
<td>159.101</td>
<td>Programming Fundamentals</td>
<td>15</td>
</tr>
<tr>
<td>161.120</td>
<td>Introductory Statistics</td>
<td>15</td>
</tr>
<tr>
<td>161.130</td>
<td>Introductory Biostatistics</td>
<td>15</td>
</tr>
<tr>
<td>214.131</td>
<td>Introduction to Food and Nutrition</td>
<td>15</td>
</tr>
<tr>
<td>246.101</td>
<td>Science and Sustainability</td>
<td>15</td>
</tr>
<tr>
<td>115.112</td>
<td>Accounting for Business</td>
<td>15</td>
</tr>
</tbody>
</table>

### Elective courses (15 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>157.113</td>
<td>Economics of Business</td>
<td>15</td>
</tr>
<tr>
<td>115.114</td>
<td>Finance Fundamentals</td>
<td>15</td>
</tr>
<tr>
<td>115.115</td>
<td>Management in Context</td>
<td>15</td>
</tr>
<tr>
<td>115.116</td>
<td>Introduction to Marketing</td>
<td>15</td>
</tr>
</tbody>
</table>

### Practice courses (90 credits) (No new enrolments)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>120.101</td>
<td>Biology of Plants</td>
<td>15</td>
</tr>
<tr>
<td>123.101</td>
<td>Chemistry and Living Systems</td>
<td>15</td>
</tr>
<tr>
<td>122.102</td>
<td>Biochemistry of Cells</td>
<td>15</td>
</tr>
<tr>
<td>123.102</td>
<td>Chemistry and the Material World</td>
<td>15</td>
</tr>
<tr>
<td>159.101</td>
<td>Programming Fundamentals</td>
<td>15</td>
</tr>
<tr>
<td>161.120</td>
<td>Introductory Statistics</td>
<td>15</td>
</tr>
<tr>
<td>161.130</td>
<td>Introductory Biostatistics</td>
<td>15</td>
</tr>
<tr>
<td>214.131</td>
<td>Introduction to Food and Nutrition</td>
<td>15</td>
</tr>
<tr>
<td>246.101</td>
<td>Science and Sustainability</td>
<td>15</td>
</tr>
<tr>
<td>115.112</td>
<td>Accounting for Business</td>
<td>15</td>
</tr>
</tbody>
</table>

### Veterinary Preparation Endorsement (120 credits) (No new enrolments)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>123.103</td>
<td>Introductory Chemistry</td>
<td>15</td>
</tr>
<tr>
<td>124.100</td>
<td>Introductory Physics</td>
<td>15</td>
</tr>
<tr>
<td>162.103</td>
<td>Introductory Biology</td>
<td>15</td>
</tr>
<tr>
<td>158.100</td>
<td>Computer Applications and the Information Age</td>
<td>15</td>
</tr>
<tr>
<td>230.112</td>
<td>Tu Arohae: Critical Thinking</td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>161.101</td>
<td>Statistics for Business</td>
<td>15</td>
</tr>
<tr>
<td>161.120</td>
<td>Introductory Statistics</td>
<td>15</td>
</tr>
<tr>
<td>161.130</td>
<td>Introductory Biostatistics</td>
<td>15</td>
</tr>
</tbody>
</table>

### Veterinary Preparation Preparation (120 credits) (No new enrolments)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.103</td>
<td>Introductory University Mathematics</td>
<td>15</td>
</tr>
<tr>
<td>160.132</td>
<td>Concepts in Mathematics</td>
<td>15</td>
</tr>
<tr>
<td>247.155</td>
<td>Communication in the Sciences</td>
<td>15</td>
</tr>
<tr>
<td>192.102</td>
<td>Academic Writing in English for Speakers of Other Languages</td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>120.101</td>
<td>Biology of Plants</td>
<td>15</td>
</tr>
<tr>
<td>123.101</td>
<td>Chemistry and Living Systems</td>
<td>15</td>
</tr>
<tr>
<td>122.102</td>
<td>Biochemistry of Cells</td>
<td>15</td>
</tr>
<tr>
<td>123.102</td>
<td>Chemistry and the Material World</td>
<td>15</td>
</tr>
<tr>
<td>159.101</td>
<td>Programming Fundamentals</td>
<td>15</td>
</tr>
<tr>
<td>161.120</td>
<td>Introductory Statistics</td>
<td>15</td>
</tr>
<tr>
<td>161.130</td>
<td>Introductory Biostatistics</td>
<td>15</td>
</tr>
<tr>
<td>214.131</td>
<td>Introduction to Food and Nutrition</td>
<td>15</td>
</tr>
<tr>
<td>246.101</td>
<td>Science and Sustainability</td>
<td>15</td>
</tr>
<tr>
<td>115.112</td>
<td>Accounting for Business</td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>157.150</td>
<td>Management Information Systems</td>
<td>15</td>
</tr>
</tbody>
</table>

### Veterinary Preparation Preparation (120 credits) (No new enrolments)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>123.103</td>
<td>Introductory Chemistry</td>
<td>15</td>
</tr>
<tr>
<td>124.100</td>
<td>Introductory Physics</td>
<td>15</td>
</tr>
<tr>
<td>162.103</td>
<td>Introductory Biology</td>
<td>15</td>
</tr>
<tr>
<td>158.100</td>
<td>Computer Applications and the Information Age</td>
<td>15</td>
</tr>
<tr>
<td>230.112</td>
<td>Tu Arohae: Critical Thinking</td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>161.101</td>
<td>Statistics for Business</td>
<td>15</td>
</tr>
<tr>
<td>161.120</td>
<td>Introductory Statistics</td>
<td>15</td>
</tr>
<tr>
<td>161.130</td>
<td>Introductory Biostatistics</td>
<td>15</td>
</tr>
</tbody>
</table>

### Quality Assurance

The Diploma in Visual Arts is accredited by the NZQA and the University of Auckland.
Specialisations
4. The Diploma in Visual Arts is awarded without endorsement.

Completion Requirements
5. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.
6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes; candidates who do not meet the requirements for graduation may, subject to the approval of Academic Board or their delegate, be awarded the Diploma in Visual Arts should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
7. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Diploma in Visual Arts

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>197.119</td>
<td>Coding for Creative Practice</td>
<td>15</td>
</tr>
<tr>
<td>197.191</td>
<td>Art and Design: Special Topic I</td>
<td>15</td>
</tr>
<tr>
<td>197.122</td>
<td>Digital Fabrication</td>
<td>15</td>
</tr>
<tr>
<td>212.100</td>
<td>Fashion Pattern Making</td>
<td>15</td>
</tr>
<tr>
<td>212.101</td>
<td>Fashion Construction</td>
<td>15</td>
</tr>
<tr>
<td>213.150</td>
<td>Painting</td>
<td>15</td>
</tr>
<tr>
<td>213.151</td>
<td>Contemporary Sculpture</td>
<td>15</td>
</tr>
<tr>
<td>213.154</td>
<td>Contemporary Drawing</td>
<td>15</td>
</tr>
<tr>
<td>213.155</td>
<td>Drawing the Body I</td>
<td>15</td>
</tr>
<tr>
<td>221.100</td>
<td>Photography as an Agent of Change</td>
<td>15</td>
</tr>
<tr>
<td>222.103</td>
<td>Social Media Culture</td>
<td>15</td>
</tr>
<tr>
<td>222.104</td>
<td>Printmaking</td>
<td>15</td>
</tr>
<tr>
<td>237.117</td>
<td>Māori Art and Design Studio I – Toi Atea</td>
<td>15</td>
</tr>
<tr>
<td>237.130</td>
<td>Communication for Makers</td>
<td>15</td>
</tr>
<tr>
<td>237.131</td>
<td>Conversations in Creative Cultures</td>
<td>15</td>
</tr>
</tbody>
</table>
# UNDERGRADUATE CERTIFICATES

## The Certificate in Arts

### Qualification Regulations

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

### Qualification Requirements

2. Candidates for the Certificate in Arts shall follow a flexible course of study, which shall consist of courses totalling at least 60 credits, comprising:
   
   (a) at least 45 credits from the Schedule to the Certificate; and including:
   
   (b) attending contact workshops, block courses, field trips, studios, workshops, tutorials and laboratories as required.

### Specialisations

3. The Certificate in Arts is awarded without specialisation.

### Completion Requirements

4. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

5. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

### Unsatisfactory Academic Progress

6. The general Unsatisfactory Academic Progress regulations will apply.

### Schedule for the Certificate in Arts

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.111</td>
<td>Economics of Business</td>
<td>15</td>
</tr>
<tr>
<td>121.103</td>
<td>New Zealand Environments</td>
<td>15</td>
</tr>
<tr>
<td>131.121</td>
<td>Rich World; Poor World</td>
<td>15</td>
</tr>
<tr>
<td>132.101</td>
<td>Introduction to Professional Planning</td>
<td>15</td>
</tr>
<tr>
<td>132.111</td>
<td>Planning and the Environment</td>
<td>15</td>
</tr>
<tr>
<td>132.112</td>
<td>Planning for Sustainable Development</td>
<td>15</td>
</tr>
<tr>
<td>134.101</td>
<td>Knowledge and Reality</td>
<td>15</td>
</tr>
<tr>
<td>134.102</td>
<td>Great Western Philosophy</td>
<td>15</td>
</tr>
<tr>
<td>134.104</td>
<td>Practical Ethics</td>
<td>15</td>
</tr>
<tr>
<td>134.105</td>
<td>Philosophy of Religion: God, Freedom and Evil</td>
<td>15 R 134.206, 134.306</td>
</tr>
<tr>
<td>134.106</td>
<td>Justice and Equality</td>
<td>15</td>
</tr>
<tr>
<td>139.104</td>
<td>Drama in Performance</td>
<td>15</td>
</tr>
<tr>
<td>139.105</td>
<td>Fiction: The Long and Short of It</td>
<td>15</td>
</tr>
<tr>
<td>139.122</td>
<td>Contemporary Literary Forms of Aotearoa New Zealand</td>
<td>15</td>
</tr>
<tr>
<td>139.123</td>
<td>Creative Writing</td>
<td>15</td>
</tr>
<tr>
<td>139.133</td>
<td>Creative Communication</td>
<td>15</td>
</tr>
<tr>
<td>139.139</td>
<td>Introduction to English Studies</td>
<td>15 R 139.171</td>
</tr>
<tr>
<td>139.142</td>
<td>Mythology and Fantasy</td>
<td>15</td>
</tr>
<tr>
<td>145.111</td>
<td>Society, Environment and Place</td>
<td>15</td>
</tr>
<tr>
<td>145.121</td>
<td>Introduction to Physical Geography</td>
<td>15</td>
</tr>
<tr>
<td>146.101</td>
<td>Introductory Social Anthropology</td>
<td>15</td>
</tr>
<tr>
<td>146.102</td>
<td>Endangered Cultures</td>
<td>15</td>
</tr>
<tr>
<td>147.101</td>
<td>Rehabilitation Studies</td>
<td>15</td>
</tr>
<tr>
<td>147.102</td>
<td>Mental Health and Society</td>
<td>15</td>
</tr>
<tr>
<td>148.116</td>
<td>The Medieval World and its Legacy</td>
<td>15</td>
</tr>
<tr>
<td>148.141</td>
<td>A History of New Zealand's Peoples</td>
<td>15</td>
</tr>
<tr>
<td>148.142</td>
<td>The American Century</td>
<td>15</td>
</tr>
<tr>
<td>148.143</td>
<td>The Past as Entertainment: History Through Movies, Mini-series and Games</td>
<td>15 R 148.120</td>
</tr>
<tr>
<td>149.100</td>
<td>Fundamentals of Command</td>
<td>15</td>
</tr>
<tr>
<td>149.115</td>
<td>Introduction to Defence Studies</td>
<td>15</td>
</tr>
<tr>
<td>149.140</td>
<td>An Introduction to Military Operations</td>
<td>15</td>
</tr>
<tr>
<td>149.151</td>
<td>An Introduction to the History of Modern Warfare</td>
<td>15</td>
</tr>
<tr>
<td>149.170</td>
<td>Introduction to Border Security</td>
<td>15</td>
</tr>
<tr>
<td>149.180</td>
<td>Introduction to Security Studies</td>
<td>15</td>
</tr>
<tr>
<td>149.190</td>
<td>Police and Policing in Society</td>
<td>15</td>
</tr>
<tr>
<td>150.103</td>
<td>Nau mai e noho: Engaging with Māori</td>
<td>15 R 150.114</td>
</tr>
<tr>
<td>150.106</td>
<td>Ngā Hanga Whakairo: Traditional Māori Visual Art</td>
<td>15</td>
</tr>
<tr>
<td>150.112</td>
<td>Haurua Tangata: Māori and Global Indigenous Health</td>
<td>15</td>
</tr>
<tr>
<td>150.114</td>
<td>He Tirohanga o Mua: Māori Custom, Lore and Economics</td>
<td>15</td>
</tr>
<tr>
<td>154.101</td>
<td>Introduction to Media Studies</td>
<td>15</td>
</tr>
<tr>
<td>154.115</td>
<td>Stardom and Celebrity in the Media</td>
<td>15</td>
</tr>
<tr>
<td>154.120</td>
<td>Transmedia Narrative and Storytelling</td>
<td>15</td>
</tr>
<tr>
<td>160.101</td>
<td>Calculus 1</td>
<td>15 R 160.161, 160.112, 160.133, 228.172</td>
</tr>
<tr>
<td>160.102</td>
<td>Linear Mathematics</td>
<td>15 R 160.112, 160.133, 228.172</td>
</tr>
<tr>
<td>160.103</td>
<td>Introductory University Mathematics</td>
<td>15 R A student who has passed 160.131, 160.132, 160.133, 160.101, 160.111, 160.112, 228.171 or 228.172 may not be also credited with a pass in 160.103 that is obtained in either the same or a subsequent examination period</td>
</tr>
<tr>
<td>160.111</td>
<td>Mathematics 1A</td>
<td>15 P 160.103 or 160.131 or 160.132 R 160.101, 160.102, 160.181 and 228.171</td>
</tr>
<tr>
<td>160.112</td>
<td>Mathematics 1B</td>
<td>15 P 160.111 or 228.171 or any one of 160.101, 160.102, 160.181; R 228.172, 160.133</td>
</tr>
<tr>
<td>160.131</td>
<td>Mathematics for Business I</td>
<td>15 R 160.103, 160.132, 160.231. A student who has passed 160.101, 160.111, 160.112 or 160.133 may not be also credited with a pass in 160.103 or 160.131 that is obtained in either the same or a subsequent examination period</td>
</tr>
</tbody>
</table>

* No new enrolments
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.132</td>
<td>Concepts in Mathematics</td>
<td>15</td>
</tr>
<tr>
<td>160.133</td>
<td>Processes in Mathematics</td>
<td>15</td>
</tr>
<tr>
<td>161.101</td>
<td>Statistics for Business</td>
<td>15</td>
</tr>
<tr>
<td>161.120</td>
<td>Introductory Statistics</td>
<td>15</td>
</tr>
<tr>
<td>161.130</td>
<td>Introductory Biostatistics</td>
<td>15</td>
</tr>
<tr>
<td>169.101</td>
<td>Introduction to Asian Thought</td>
<td>15</td>
</tr>
<tr>
<td>170.102</td>
<td>Women of Ideas and Action</td>
<td>15</td>
</tr>
<tr>
<td>172.131</td>
<td>Language and Communication</td>
<td>15</td>
</tr>
<tr>
<td>172.133</td>
<td>Introduction to Language Studies</td>
<td>15</td>
</tr>
<tr>
<td>175.101</td>
<td>Psychology as a Social Science</td>
<td>15</td>
</tr>
<tr>
<td>175.102</td>
<td>Psychology as a Natural Science</td>
<td>15</td>
</tr>
<tr>
<td>176.101</td>
<td>The Sociological Imagination</td>
<td>15</td>
</tr>
<tr>
<td>176.102</td>
<td>New Zealand Society</td>
<td>15 R 176.104</td>
</tr>
<tr>
<td>178.100</td>
<td>Principles of Macroeconomics</td>
<td>15</td>
</tr>
<tr>
<td>178.110</td>
<td>The New Zealand Economy</td>
<td>15</td>
</tr>
<tr>
<td>192.101</td>
<td>English for Academic Purposes for Speakers of Other Languages</td>
<td>15</td>
</tr>
<tr>
<td>192.102</td>
<td>Academic Writing in English for Speakers of Other Languages</td>
<td>15</td>
</tr>
<tr>
<td>200.161</td>
<td>Introduction to Politics</td>
<td>15</td>
</tr>
<tr>
<td>200.162</td>
<td>Politics and Public Policy in New Zealand</td>
<td>15</td>
</tr>
<tr>
<td>201.103</td>
<td>Magic and Witchcraft</td>
<td>15</td>
</tr>
<tr>
<td>201.112</td>
<td>Greek History</td>
<td>15</td>
</tr>
<tr>
<td>201.113</td>
<td>Greek Mythology</td>
<td>15</td>
</tr>
<tr>
<td>201.114</td>
<td>The Roman Republic: Kings, Consuls and Conquest</td>
<td>15</td>
</tr>
<tr>
<td>201.115</td>
<td>Introductory Latin</td>
<td>15</td>
</tr>
<tr>
<td>201.117</td>
<td>Greek and Roman Warfare</td>
<td>15</td>
</tr>
<tr>
<td>230.102</td>
<td>Pacific Peoples in New Zealand</td>
<td>15</td>
</tr>
<tr>
<td>230.110</td>
<td>Torangawae: Identity and Belonging in Aotearoa New Zealand</td>
<td>15</td>
</tr>
<tr>
<td>230.111</td>
<td>To Kupu: Writing and Inquiry</td>
<td>15 R 230.100, 119.155, 119.177, 247.177, 237.130, 247.155, 292.100</td>
</tr>
<tr>
<td>230.112</td>
<td>To Arohae: Critical Thinking</td>
<td>15 R 134.103</td>
</tr>
<tr>
<td>230.121</td>
<td>Future State: New Zealand in the 21st Century</td>
<td>15</td>
</tr>
<tr>
<td>241.101</td>
<td>Chinese 1A</td>
<td>15</td>
</tr>
<tr>
<td>241.102</td>
<td>Chinese 1B</td>
<td>15</td>
</tr>
<tr>
<td>241.103</td>
<td>Ancient Chinese World pre-Republic (1912)</td>
<td>15 R 169.143</td>
</tr>
<tr>
<td>241.106</td>
<td>Chinese for Heritage Speakers A</td>
<td>15</td>
</tr>
<tr>
<td>241.107</td>
<td>China Under Transformation: Economy, Society and Diplomacy</td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>243.101</td>
<td>Introductory French Language I</td>
<td>15 R 243.102, 243.201, 243.302, 243.303</td>
</tr>
<tr>
<td>245.101</td>
<td>Introductory Spanish Language I</td>
<td>15 R 245.102, 245.201, 245.202, 245.301</td>
</tr>
<tr>
<td>245.102</td>
<td>Introductory Spanish Language II</td>
<td>15 P 245.101; R 245.201, 245.202, 245.301</td>
</tr>
<tr>
<td>245.103</td>
<td>Hispanic Culture and Heritage</td>
<td>15</td>
</tr>
<tr>
<td>254.101</td>
<td>An Introduction to Social and Cultural Studies in Education</td>
<td>15</td>
</tr>
<tr>
<td>275.102</td>
<td>Human Development</td>
<td>15 R 208.102, 209.102</td>
</tr>
<tr>
<td>279.101</td>
<td>Social Policy: An Introduction</td>
<td>15 R 179.101</td>
</tr>
<tr>
<td>292.101</td>
<td>Introductory Portuguese Language 1</td>
<td>15 R 292.102, 292.201, 292.202, 292.301</td>
</tr>
<tr>
<td>292.102</td>
<td>Introductory Portuguese Language 2</td>
<td>15 P 292.101; R 292.201, 292.202, 292.301</td>
</tr>
<tr>
<td>300.110</td>
<td>Te Reo Whakahaoa: Socialising in Te Teo</td>
<td>15</td>
</tr>
<tr>
<td>300.111</td>
<td>Te Reo Kōrakihā: Developing Te Reo</td>
<td>15</td>
</tr>
<tr>
<td>114.241</td>
<td>Principles of Human Resources Management</td>
<td>15</td>
</tr>
<tr>
<td>121.210</td>
<td>Environmental Issues</td>
<td>15 P 121.103; R 121.311</td>
</tr>
<tr>
<td>121.211</td>
<td>New Zealand Environmental Issues</td>
<td>15 P 121.103, 145.111 or 228.111</td>
</tr>
<tr>
<td>130.202</td>
<td>Introduction to Emergency Management</td>
<td>15</td>
</tr>
<tr>
<td>130.203</td>
<td>Disaster Risk Management</td>
<td>15</td>
</tr>
<tr>
<td>131.221</td>
<td>Global Development Issues</td>
<td>15</td>
</tr>
<tr>
<td>132.217</td>
<td>Planning Hazard-Resilient Communities</td>
<td>15</td>
</tr>
<tr>
<td>132.218</td>
<td>Building Collaborative Communities</td>
<td>15</td>
</tr>
<tr>
<td>132.221</td>
<td>Planning Studies</td>
<td>15</td>
</tr>
<tr>
<td>134.201</td>
<td>Philosophy of Mind</td>
<td>15 R 134.301</td>
</tr>
<tr>
<td>134.203</td>
<td>Ethics</td>
<td>15 R 134.303</td>
</tr>
<tr>
<td>134.204</td>
<td>Aesthetics</td>
<td>15 R 134.304</td>
</tr>
<tr>
<td>134.205</td>
<td>Logic</td>
<td>15</td>
</tr>
<tr>
<td>134.207</td>
<td>International Justice</td>
<td>15</td>
</tr>
<tr>
<td>134.208</td>
<td>Philosophy of Science</td>
<td>15 R 134.308</td>
</tr>
<tr>
<td>134.215</td>
<td>Asian Philosophies</td>
<td>15 P Any 100-level BA course R 134.315</td>
</tr>
<tr>
<td>134.216</td>
<td>Modern Philosophy</td>
<td>15 R 134.316</td>
</tr>
<tr>
<td>134.218</td>
<td>Environmental Philosophy</td>
<td>15 R 134.318</td>
</tr>
<tr>
<td>134.220</td>
<td>Business and Professional Ethics</td>
<td>15 R 134.320, 134.219, 134.319</td>
</tr>
<tr>
<td>134.221</td>
<td>East Asian Philosophy</td>
<td>15</td>
</tr>
<tr>
<td>139.201</td>
<td>Poets and Players in Shakespeare’s England</td>
<td>15</td>
</tr>
<tr>
<td>139.202</td>
<td>Romantic Writing: Self and Nature</td>
<td>15</td>
</tr>
<tr>
<td>139.209</td>
<td>Speaking: Theory and Practice</td>
<td>15</td>
</tr>
<tr>
<td>139.220</td>
<td>Applied Theatre: Theatre for Social Change</td>
<td>15</td>
</tr>
<tr>
<td>139.223</td>
<td>Creative Processes</td>
<td>15</td>
</tr>
<tr>
<td>139.224</td>
<td>Making Plays for Theatre</td>
<td>15</td>
</tr>
<tr>
<td>139.225</td>
<td>Writing for Children</td>
<td>15</td>
</tr>
<tr>
<td>139.229</td>
<td>Writing Poetry</td>
<td>15 P 139.123 or 139.133</td>
</tr>
<tr>
<td>139.231</td>
<td>Health Writing: Theory and Practice</td>
<td>15 P One of 230.00, 119.155, 247.155, 192.102, 119.177, 247.177 or 219.100</td>
</tr>
<tr>
<td>139.239</td>
<td>Literary Landmarks: Words that Changed the World</td>
<td>15</td>
</tr>
<tr>
<td>139.244</td>
<td>Writing for the Public</td>
<td>15 P 230.100 or 230.111 or 199.155 or 247.155 or 119.177 or 219.100 or 192.102 or 247.177</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Name</td>
<td>Prerequisites</td>
</tr>
<tr>
<td>------------</td>
<td>-------------------------------------------------</td>
<td>-------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>178.210</td>
<td>Economic Policy</td>
<td>15</td>
</tr>
<tr>
<td>178.221</td>
<td>Methods of Economic Analysis</td>
<td>15</td>
</tr>
<tr>
<td>178.240</td>
<td>Managerial Economics</td>
<td>15</td>
</tr>
<tr>
<td>178.242</td>
<td>Land Economics</td>
<td>15</td>
</tr>
<tr>
<td>178.250</td>
<td>Contemporary Economic Issues</td>
<td>15</td>
</tr>
<tr>
<td>178.280</td>
<td>Introduction to Econometrics</td>
<td>15</td>
</tr>
<tr>
<td>179.230</td>
<td>The Wellbeing of Pacific Peoples in New Zealand</td>
<td>15</td>
</tr>
<tr>
<td>190.240</td>
<td>Air Power</td>
<td>15</td>
</tr>
<tr>
<td>200.201</td>
<td>Middle Eastern Politics</td>
<td>15</td>
</tr>
<tr>
<td>200.215</td>
<td>Political Theory from Plato to Marx</td>
<td>15</td>
</tr>
<tr>
<td>200.261</td>
<td>World Politics</td>
<td>15</td>
</tr>
<tr>
<td>201.201</td>
<td>The Pursuit of Happiness in the Classical World</td>
<td>15</td>
</tr>
<tr>
<td>201.211</td>
<td>Love and Sexuality in Ancient Greece</td>
<td>15</td>
</tr>
<tr>
<td>201.212</td>
<td>Intermediate Latin</td>
<td>15</td>
</tr>
<tr>
<td>201.216</td>
<td>The Trojan War</td>
<td>15</td>
</tr>
<tr>
<td>201.218</td>
<td>Greek and Roman Religion</td>
<td>15</td>
</tr>
<tr>
<td>201.219</td>
<td>Greek Art and Society</td>
<td>15</td>
</tr>
<tr>
<td>201.220</td>
<td>Roman Art and Society</td>
<td>15</td>
</tr>
<tr>
<td>201.230</td>
<td>Ancient Multiculturalism: Egypt, Greece and Rome</td>
<td>15</td>
</tr>
<tr>
<td>219.202</td>
<td>Professional and E-Business Writing</td>
<td>15</td>
</tr>
<tr>
<td>219.234</td>
<td>Editing and Publishing</td>
<td>15</td>
</tr>
<tr>
<td>230.210</td>
<td>To Rangarangā: Global Encounters</td>
<td>15</td>
</tr>
<tr>
<td>241.201</td>
<td>Chinese 2A</td>
<td>15</td>
</tr>
<tr>
<td>241.202</td>
<td>Chinese 2B</td>
<td>15</td>
</tr>
<tr>
<td>241.206</td>
<td>Chinese for Heritage Speakers B</td>
<td>15</td>
</tr>
<tr>
<td>241.207</td>
<td>Chinese Diaspora</td>
<td>15</td>
</tr>
<tr>
<td>241.208</td>
<td>Contemporary Chinese Society in Literature and Film</td>
<td>15</td>
</tr>
<tr>
<td>242.201</td>
<td>Japanese 2A</td>
<td>15</td>
</tr>
<tr>
<td>242.202</td>
<td>Japanese 2B</td>
<td>15</td>
</tr>
<tr>
<td>242.203</td>
<td>Japanese Language and Society</td>
<td>15</td>
</tr>
<tr>
<td>242.205</td>
<td>Japanese Cinema</td>
<td>15</td>
</tr>
<tr>
<td>243.201</td>
<td>Intermediate French Language I</td>
<td>15</td>
</tr>
<tr>
<td>243.202</td>
<td>Intermediate French Language II</td>
<td>15</td>
</tr>
<tr>
<td>245.201</td>
<td>Intermediate Spanish Language I</td>
<td>15</td>
</tr>
<tr>
<td>245.202</td>
<td>Intermediate Spanish Language II</td>
<td>15</td>
</tr>
<tr>
<td>245.203</td>
<td>The Sound of Spanish: Diction, Idioms and Diversity</td>
<td>15</td>
</tr>
<tr>
<td>245.204</td>
<td>Latin American Voices</td>
<td>15</td>
</tr>
<tr>
<td>249.284</td>
<td>Introduction to Equity and Inclusion in Education</td>
<td>15</td>
</tr>
<tr>
<td>249.286</td>
<td>Equity and Diversity in Education</td>
<td>15</td>
</tr>
<tr>
<td>249.287</td>
<td>Early Intervention</td>
<td>15</td>
</tr>
<tr>
<td>254.201</td>
<td>Philosophy of Education</td>
<td>15</td>
</tr>
</tbody>
</table>

**Economic Policy**

**Land Economics**

**Managerial Economics**

**Contemporary Economic Issues**

**Introduction to Econometrics**

**Applied Research for Social Policy and Work**

**The Wellbeing of Pacific Peoples in New Zealand**

**Air Power**

**Middle Eastern Politics**

**Political Theory from Plato to Marx**

**World Politics**

**The Pursuit of Happiness in the Classical World**

**Love and Sexuality in Ancient Greece**

**Intermediate Latin**

**The Trojan War**

**Greek and Roman Religion**

**Greek Art and Society**

**Roman Art and Society**

**Ancient Multiculturalism: Egypt, Greece and Rome**

**Professional and E-Business Writing**

**Editing and Publishing**

**To Rangarangā: Global Encounters**

**Chinese 2A**

**Chinese 2B**

**Chinese for Heritage Speakers B**

**Chinese Diaspora**

**Contemporary Chinese Society in Literature and Film**

**Japanese 2A**

**Japanese 2B**

**Japanese Language and Society**

**Japanese Cinema**

**Intermediate French Language I**

**Intermediate French Language II**

**Intermediate Spanish Language I**

**Intermediate Spanish Language II**

**The Sound of Spanish: Diction, Idioms and Diversity**

**Latin American Voices**

**Introduction to Equity and Inclusion in Education**

**Equity and Diversity in Education**

**Early Intervention**

**Philosophy of Education**

**Economic Policy**

**Managerial Economics**

**Land Economics**

**Contemporary Economic Issues**

**Introduction to Econometrics**

**Applied Research for Social Policy and Work**

**The Wellbeing of Pacific Peoples in New Zealand**

**Air Power**

**Middle Eastern Politics**

**Political Theory from Plato to Marx**

**World Politics**

**The Pursuit of Happiness in the Classical World**

**Love and Sexuality in Ancient Greece**

**Intermediate Latin**

**The Trojan War**

**Greek and Roman Religion**

**Greek Art and Society**

**Roman Art and Society**

**Ancient Multiculturalism: Egypt, Greece and Rome**

**Professional and E-Business Writing**

**Editing and Publishing**

**To Rangarangā: Global Encounters**

**Chinese 2A**

**Chinese 2B**

**Chinese for Heritage Speakers B**

**Chinese Diaspora**

**Contemporary Chinese Society in Literature and Film**

**Japanese 2A**

**Japanese 2B**

**Japanese Language and Society**

**Japanese Cinema**

**Intermediate French Language I**

**Intermediate French Language II**

**Intermediate Spanish Language I**

**Intermediate Spanish Language II**

**The Sound of Spanish: Diction, Idioms and Diversity**

**Latin American Voices**

**Introduction to Equity and Inclusion in Education**

**Equity and Diversity in Education**

**Early Intervention**

**Philosophy of Education**

**Economic Policy**

**Managerial Economics**

**Land Economics**

**Contemporary Economic Issues**

**Introduction to Econometrics**

**Applied Research for Social Policy and Work**

**The Wellbeing of Pacific Peoples in New Zealand**

**Air Power**

**Middle Eastern Politics**

**Political Theory from Plato to Marx**

**World Politics**

**The Pursuit of Happiness in the Classical World**

**Love and Sexuality in Ancient Greece**

**Intermediate Latin**

**The Trojan War**

**Greek and Roman Religion**

**Greek Art and Society**

**Roman Art and Society**

**Ancient Multiculturalism: Egypt, Greece and Rome**

**Professional and E-Business Writing**

**Editing and Publishing**

**To Rangarangā: Global Encounters**

**Chinese 2A**

**Chinese 2B**

**Chinese for Heritage Speakers B**

**Chinese Diaspora**

**Contemporary Chinese Society in Literature and Film**

**Japanese 2A**

**Japanese 2B**

**Japanese Language and Society**

**Japanese Cinema**

**Intermediate French Language I**

**Intermediate French Language II**

**Intermediate Spanish Language I**

**Intermediate Spanish Language II**

**The Sound of Spanish: Diction, Idioms and Diversity**

**Latin American Voices**

**Introduction to Equity and Inclusion in Education**

**Equity and Diversity in Education**

**Early Intervention**

**Philosophy of Education**

**Economic Policy**

**Managerial Economics**

**Land Economics**

**Contemporary Economic Issues**

**Introduction to Econometrics**

**Applied Research for Social Policy and Work**

**The Wellbeing of Pacific Peoples in New Zealand**

**Air Power**

**Middle Eastern Politics**

**Political Theory from Plato to Marx**

**World Politics**

**The Pursuit of Happiness in the Classical World**

**Love and Sexuality in Ancient Greece**

**Intermediate Latin**

**The Trojan War**

**Greek and Roman Religion**

**Greek Art and Society**

**Roman Art and Society**

**Ancient Multiculturalism: Egypt, Greece and Rome**

**Professional and E-Business Writing**

**Editing and Publishing**

**To Rangarangā: Global Encounters**

**Chinese 2A**

**Chinese 2B**

**Chinese for Heritage Speakers B**

**Chinese Diaspora**

**Contemporary Chinese Society in Literature and Film**

**Japanese 2A**

**Japanese 2B**

**Japanese Language and Society**

**Japanese Cinema**

**Intermediate French Language I**

**Intermediate French Language II**

**Intermediate Spanish Language I**

**Intermediate Spanish Language II**

**The Sound of Spanish: Diction, Idioms and Diversity**

**Latin American Voices**

**Introduction to Equity and Inclusion in Education**

**Equity and Diversity in Education**

**Early Intervention**

**Philosophy of Education**
139.340 The Publishing Project 15
139.348 Literacy Studies 15
139.352 Postcolonial Literature 15
139.361 The Literature of Women 15
139.374 Tragedy 15
139.376 Sexual/Textual Politics 15
139.380 Creative Writing Capstone: Building the Manuscript 15
139.381 Advanced Studies in Creative Writing 15
139.386 Life Writing 15
145.301 Research Practice in Human Geography 15
145.303 Field Work: Alpine Physical Geography 15
145.304 Applied Field Geomorphology 15
145.311 Geographies of Globalisation 15
145.318 Geopolitics 15
145.320 Quaternary Biogeography and Environmental Change 15
145.327 Catchment Dynamics 15
146.302 Regional Ethnography: Asia 15
146.303 Practice of Field Work 15
146.304 Culture, Biology and Racism 15
146.307 The Cultural Construction of Gender and Sexuality 15
146.311 Medical Systems of China, India and the West 15
146.313 Issues in South Pacific Anthropology 15
146.316 Visual Anthropology: Southasia and Global Issues 15
146.317 Urban Anthropology 15
146.318 Environmental Anthropology 15
147.302 Alcohol and Drug Use 15
148.308 New Zealand Military History: 1899 to 2001 15
148.309 The New Zealand Wars 15
148.310 The Tudors and the Reformation 15
148.316 New Zealand Between the Wars 15
148.317 New Zealand Religious History 15
148.333 The Napoleonic Wars 15
148.334 Sports History 15
148.339 Court Culture in Late Medieval Europe 15
149.300 Current Issues in Command Studies 15
149.315 Strategic Issues in Defence Studies 15
149.325 International Peacekeeping 15
149.335 Law of Armed Conflict 15
149.350 The History of Defence and Security Intelligence 15
149.360 Defence and Security Technology 15
149.370 Psychology of Evidence in the Security Environment 15
149.380 Strategy and Security 15
149.381 Terrorism and Political Violence 15
149.382 Biosecurity Theory and Practice 15
149.385 Security and the Law 15
150.301 Te Mana Te Kawanatanga: Māori Policy and the State 15
150.302 Planning for Māori Health 15
150.303 Mana Whāine: Māori Women 15
150.304 Te Ao Hūrihuri: Contemporary Māori Issues 15
152.304 Managing Services 15
152.325 Designing and Developing Organisations 15
152.336 Leadership Practice 15
154.301 Culture, Power and the Media 15
154.302 Gender and Race in the Media 15
154.303 Hollywood Cinema 15
154.304 Digital Media Production II 15
154.308 Screen Fictions 15
154.311 Social Media and Digital Cultures 15
154.312 Trauma and the Media 15
154.313 Global Media Cultures 15
154.314 Independent Media in the Information Age 15
154.333 Humour and the Media 15
160.301 Analysis 15
160.302 Algebra 15
160.314 Combinatorics 15
160.318 Differential Equations II 15
160.319 Mathematical Modelling 15
160.320 Mathematics in Education 15
160.380 Project 15
161.304 Advanced Statistical Modelling 15
161.321 Sampling and Experimental Design 15
161.322 Design and Analysis of Surveys and Experiments 15
161.323 Multivariate Analysis 15
161.324 Data Mining 15
161.325 Statistical Methods for Quality Improvement 15
161.327 Generalised Linear Models 15
161.334 Biostatistics 15
161.342 Forecasting and Time Series 15
172.330 Sounds and Structures 15
172.334 Field Methods 15
172.335 Language and Identity 15
172.336 Languages of the Pacific 15
172.337 Historical and Comparative Linguistics 15
172.338 Language and Mediated Communication in a Transcultural World 15
175.301 Community Psychology 15
175.302 Abnormal and Therapeutic Psychology 15
175.303 The Practice of Psychological Research 15
175.304 The Psychology of Security 15
175.306 Assessment of Individual Differences 15
175.309 Forensic Psychology 15
175.311 Psychology of Women 15
175.313 Gender and Violence 15
175.316 Evolution, Culture and Mind 15
175.317 Health Psychology 15
175.318 Experimental Psychology 15
175.343 Personnel Psychology and Career Development 15
176.301 The Sociological Project 15
176.302 Techniques of Social Investigation 15

MASSEY UNIVERSITY 2018 CALENDAR
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>178.303</td>
<td>Making the Nation</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>178.308</td>
<td>Sociology of the Environment</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>176.309</td>
<td>Development and Social Change: Contemporary Issues</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>176.310</td>
<td>Ethnicity and Ethnic Identity: Contemporary Issues</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>176.316</td>
<td>Understanding Globalisation in Depth</td>
<td>15</td>
<td>R 176.216</td>
</tr>
<tr>
<td>176.318</td>
<td>Sociology of Death and Dying</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>176.322</td>
<td>The World of Work: Contemporary Issues</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>176.323</td>
<td>The Transformation of the Pacific: Contemporary Issues</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>178.300</td>
<td>Advanced Macroeconomics</td>
<td>15</td>
<td>P 178.200</td>
</tr>
<tr>
<td>178.301</td>
<td>Advanced Microeconomics</td>
<td>15</td>
<td>P 178.201</td>
</tr>
<tr>
<td>178.307</td>
<td>Markets, Firms and Consumers</td>
<td>15</td>
<td>P 178.201 or 178.204 or 125.230, or (115.106 or 115.113 or 178.101) and 178.290</td>
</tr>
<tr>
<td>178.308</td>
<td>Economic Analysis of Money, Banking and Financial Markets</td>
<td>15</td>
<td>P Any 178.2xx course; R 178.300</td>
</tr>
<tr>
<td>178.328</td>
<td>Project Evaluation</td>
<td>15</td>
<td>P Any 178.1xx course</td>
</tr>
<tr>
<td>178.352</td>
<td>Survey of International Economics</td>
<td>15</td>
<td>P 178.200, 178.201, and either 178.250 or 178.290; and P/C either 178.300 or 178.301; R 178.350</td>
</tr>
<tr>
<td>178.358</td>
<td>International Trade in Agri-food Products</td>
<td>15</td>
<td>P Any 178.1xx course or 119.156 R 178.357</td>
</tr>
<tr>
<td>178.380</td>
<td>Natural Resource and Environmental Economics</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>178.370</td>
<td>Development Economics</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>179.320</td>
<td>Community Development</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>179.330</td>
<td>Māori Development and the Social Services</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>193.304</td>
<td>Animal Welfare Emergency Management</td>
<td>15</td>
<td>P 193.204 or 130.202 or 117.2xx or 119.2xx or 112.2xx</td>
</tr>
<tr>
<td>200.301</td>
<td>Contemporary International Conflict</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>200.302</td>
<td>Israel/Palestine and the Arab World</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>200.303</td>
<td>Democratic Politics</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>200.315</td>
<td>Contemporary Political Thought</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>200.381</td>
<td>Contemporary New Zealand Politics</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>201.313</td>
<td>Myth and Greek Tragedy</td>
<td>15</td>
<td>R 201.213</td>
</tr>
<tr>
<td>201.314</td>
<td>Imperial Rome</td>
<td>15</td>
<td>R 201.214</td>
</tr>
<tr>
<td>201.316</td>
<td>Leaders and Leadership in the Classical World</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>201.318</td>
<td>Greek and Roman Religion</td>
<td>15</td>
<td>R 201.218</td>
</tr>
<tr>
<td>201.319</td>
<td>Greek Art and Society</td>
<td>15</td>
<td>R 201.219</td>
</tr>
<tr>
<td>201.320</td>
<td>Roman Art and Society</td>
<td>15</td>
<td>R 201.220</td>
</tr>
<tr>
<td>219.302</td>
<td>Gender and Communication in Organisations</td>
<td>15</td>
<td>R 114.358</td>
</tr>
<tr>
<td>219.312</td>
<td>Risk and Crisis Communication</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>230.301</td>
<td>Social Science at Work</td>
<td>15</td>
<td>P 30 credits at 200 level from 145, 146, 176, and/or 200-prefix courses</td>
</tr>
<tr>
<td>230.310</td>
<td>Te Tira Mai: Practising Engagement</td>
<td>15</td>
<td>P 230.210</td>
</tr>
<tr>
<td>241.301</td>
<td>Chinese 3A</td>
<td>15</td>
<td>P 241.202 or appraisal required; R 241.302</td>
</tr>
<tr>
<td>241.302</td>
<td>Chinese 3B</td>
<td>15</td>
<td>P 241.301 or appraisal required; R 241.341, 241.342, 169.341, 169.342</td>
</tr>
<tr>
<td>241.304</td>
<td>Contrastive Study of Chinese and English</td>
<td>15</td>
<td>P 241.301 and 241.302 or appraisal required; R 169.344</td>
</tr>
<tr>
<td>241.305</td>
<td>Translation from and into Chinese</td>
<td>15</td>
<td>P 241.301 and 241.302 or appraisal required; R 169.343</td>
</tr>
<tr>
<td>241.395</td>
<td>Individual Research Project II in Chinese Studies</td>
<td>15</td>
<td>Resource approval required; R 169.357</td>
</tr>
<tr>
<td>242.301</td>
<td>Japanese 3A</td>
<td>15</td>
<td>P 242.202 or appraisal required; R 242.302</td>
</tr>
<tr>
<td>242.302</td>
<td>Japanese 3B</td>
<td>15</td>
<td>P 242.301 or appraisal required</td>
</tr>
<tr>
<td>242.304</td>
<td>Reading and Writing about Current Japan</td>
<td>15</td>
<td>P 242.202 or appraisal required</td>
</tr>
<tr>
<td>242.305</td>
<td>Readings in Modern Japanese Literature</td>
<td>15</td>
<td>P 242.202 or appraisal required</td>
</tr>
<tr>
<td>242.306</td>
<td>Japanese Linguistics</td>
<td>15</td>
<td>P 242.202 or appraisal required</td>
</tr>
<tr>
<td>242.307</td>
<td>Japanese—English Translation Techniques</td>
<td>15</td>
<td>P 242.301 or appraisal required</td>
</tr>
<tr>
<td>242.390</td>
<td>Individual Research Project in Japanese Studies</td>
<td>15</td>
<td>Resource approval required</td>
</tr>
<tr>
<td>243.301</td>
<td>Advanced French Language</td>
<td>15</td>
<td>P 243.202 or 164.201; R 164.301</td>
</tr>
<tr>
<td>243.304</td>
<td>Contemporary French Popular Culture</td>
<td>15</td>
<td>P 243.301 or 164.301; R 164.307</td>
</tr>
<tr>
<td>243.305</td>
<td>Close Encounters – New Zealand Seen Through French Eyes</td>
<td>15</td>
<td>P 243.301</td>
</tr>
<tr>
<td>245.301</td>
<td>Advanced Spanish Language</td>
<td>15</td>
<td>P 245.202</td>
</tr>
<tr>
<td>245.302</td>
<td>Theory and Practice of Spanish Translation</td>
<td>15</td>
<td>P 245.301</td>
</tr>
<tr>
<td>245.303</td>
<td>Latin American Rhythms and Politics: From Tango to Rock</td>
<td>15</td>
<td>P 245.202 or 245.204</td>
</tr>
<tr>
<td>245.304</td>
<td>Travellers’ Tales: the Invention of Latin America</td>
<td>15</td>
<td>P 245.202 or 245.204</td>
</tr>
<tr>
<td>245.305</td>
<td>Spanish Conversation on Film</td>
<td>15</td>
<td>P 245.202</td>
</tr>
<tr>
<td>249.384</td>
<td>Consultation and Collaboration in Inclusive Education</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>254.304</td>
<td>Critical Theories of Education</td>
<td>15</td>
<td>R 187.304, 278.363</td>
</tr>
<tr>
<td>254.336</td>
<td>Learning in the Digital World</td>
<td>15</td>
<td>R 186.336</td>
</tr>
<tr>
<td>254.337</td>
<td>Teaching and Learning with Pasifika Peoples in NZ</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>254.340</td>
<td>Politics of Education</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>256.303</td>
<td>Sustainable Learning</td>
<td>15</td>
<td>P 256.201</td>
</tr>
<tr>
<td>256.304</td>
<td>Positive Behaviour for Learning</td>
<td>15</td>
<td>P 256.201</td>
</tr>
<tr>
<td>258.301</td>
<td>Language, Literacy and Cognitive Development</td>
<td>15</td>
<td>P Any 200-level Education course</td>
</tr>
<tr>
<td>263.301</td>
<td>Learning and Motivation</td>
<td>15</td>
<td>P Any 200-level Education course</td>
</tr>
<tr>
<td>263.315</td>
<td>Teaching and Learning in Everyday Settings</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>263.331</td>
<td>Assessment and Learning</td>
<td>15</td>
<td>R 186.331</td>
</tr>
<tr>
<td>267.390</td>
<td>Educational Research Literacy</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>269.332</td>
<td>Maori Issues in Education</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>275.304</td>
<td>Development of Gender</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>275.320</td>
<td>Risk and Resilience Across the Lifespan</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>276.330</td>
<td>Mathematics and Literacy in Society</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>279.301</td>
<td>Government Policy, Planning and Administration</td>
<td>15</td>
<td>P 279.201 or 179.201</td>
</tr>
<tr>
<td>279.302</td>
<td>Policy Research and Evaluation</td>
<td>15</td>
<td>P 179.202 or 176.202</td>
</tr>
<tr>
<td>292.301</td>
<td>Advanced Portuguese Language</td>
<td>15</td>
<td>P 292.202</td>
</tr>
<tr>
<td>292.305</td>
<td>Brazilian Culture and Heritage</td>
<td>15</td>
<td>P 292.202</td>
</tr>
<tr>
<td>300.310</td>
<td>Te Reo Ahua: Creative Writing in Te Reo</td>
<td>15</td>
<td>P 300.211</td>
</tr>
<tr>
<td>300.311</td>
<td>Te Reo Pāpa: Strengthening Te Reo</td>
<td>15</td>
<td>P 300.211</td>
</tr>
<tr>
<td>300.312</td>
<td>Te Reo o te Marae: Karanga and Whakātiroreno</td>
<td>15</td>
<td>P 300.211</td>
</tr>
</tbody>
</table>
The Certificate in Aviation Studies
CertAvStuds

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Certificate in Aviation Studies requires that the candidate will meet the University admission requirements as specified.

Qualification Requirements

2. Candidates for the Certificate in Aviation Studies shall follow a flexible programme of study, which shall consist of courses totalling at least 60 credits, including:
   (a) at least 45 credits from courses selected from the Schedule to the Certificate; and including:
   (b) any compulsory courses identified in the Schedule to the Certificate; and
   (c) attending field trips, studios, workshops, tutorials, and laboratories as required.

3. Notwithstanding Regulation 2(a), and at the discretion of Academic Board, students exiting or proceeding to the Bachelor of Aviation or the Bachelor of Aviation Management may have a personal programme variation approved in excess of stated limits, to meet the requirements of the Certificate in Aviation Studies through substitution of courses from the schedules to those degrees.

Specialisations

4. The Certificate in Aviation Studies is awarded without specialisation.

Completion Requirements

5. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress

7. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Certificate in Aviation Studies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>190.109</td>
<td>Aviation Studies</td>
<td>15</td>
</tr>
<tr>
<td>190.115</td>
<td>Introduction to Aeronautics</td>
<td>15</td>
</tr>
<tr>
<td>190.116</td>
<td>Introduction to Management in Aviation</td>
<td>15</td>
</tr>
<tr>
<td>190.211</td>
<td>Aviation Strategic Management</td>
<td>15</td>
</tr>
<tr>
<td>190.215</td>
<td>Heavy Aeroplane Performance</td>
<td>15</td>
</tr>
<tr>
<td>190.216</td>
<td>Aviation Human Factors</td>
<td>15</td>
</tr>
<tr>
<td>190.217</td>
<td>Instruction and Learning in Aviation</td>
<td>15</td>
</tr>
<tr>
<td>190.220</td>
<td>Managing Airline Systems</td>
<td>15</td>
</tr>
<tr>
<td>190.222</td>
<td>Basic Air Safety Investigation</td>
<td>15</td>
</tr>
<tr>
<td>190.224</td>
<td>Environmental Impacts of Aviation</td>
<td>15</td>
</tr>
<tr>
<td>190.225</td>
<td>Introduction to Research Methods in Aviation</td>
<td>15</td>
</tr>
<tr>
<td>190.240</td>
<td>Air Power</td>
<td>15</td>
</tr>
<tr>
<td>190.249</td>
<td>Aircraft Maintenance Management</td>
<td>30</td>
</tr>
<tr>
<td>190.256</td>
<td>Aerodynamics II</td>
<td>15</td>
</tr>
<tr>
<td>190.299</td>
<td>Aviation Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>190.301</td>
<td>Flight Instructor Human Factors</td>
<td>15</td>
</tr>
<tr>
<td>190.302</td>
<td>Check and Training for Airlines</td>
<td>15</td>
</tr>
<tr>
<td>190.306</td>
<td>Airline Strategic Management</td>
<td>15</td>
</tr>
<tr>
<td>190.307</td>
<td>Airport Planning</td>
<td>15</td>
</tr>
<tr>
<td>190.308</td>
<td>Airport Operational Management</td>
<td>15</td>
</tr>
<tr>
<td>190.309</td>
<td>Design of Airways and Air Traffic Systems</td>
<td>15</td>
</tr>
<tr>
<td>190.313</td>
<td>Advanced Aviation Human Factors</td>
<td>15</td>
</tr>
<tr>
<td>190.314</td>
<td>Legal Issues in Aviation</td>
<td>15</td>
</tr>
<tr>
<td>190.317</td>
<td>Evaluation Methods in Aviation</td>
<td>15</td>
</tr>
<tr>
<td>190.327</td>
<td>Managing Cultures in Aviation</td>
<td>15</td>
</tr>
<tr>
<td>190.328</td>
<td>Aviation Management Practicum</td>
<td>15</td>
</tr>
<tr>
<td>190.340</td>
<td>Contemporary Issues in Aviation Security</td>
<td>15</td>
</tr>
</tbody>
</table>

The Certificate in Business Studies
CertBusStuds

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II

Admission

1. Admission to the Certificate in Business Studies requires that the candidate will meet the University admission requirements as specified.

Qualification Requirements

2. Candidates for the Certificate in Business Studies shall follow a flexible course of study, which shall consist of courses totalling at least 60 credits, including:
   (a) at least 45 credits from courses selected from the Schedule to the Certificate;
   (b) any compulsory courses identified in the Schedule to the Certificate; and
   (c) attending field trips, studios, workshops, tutorials and laboratories as required.

Specialisations

3. The Certificate in Business Studies is awarded without specialisation.

Completion Requirements

4. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

5. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.
Unsatisfactory Academic Progress

6. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Certificate in Business Studies

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>110.10</td>
<td>Introductory Financial Accounting</td>
<td>15</td>
</tr>
<tr>
<td>115.109</td>
<td>Introduction to Business Data Analysis</td>
<td>15</td>
</tr>
<tr>
<td>115.111</td>
<td>Strategic Workplace Communication</td>
<td>15</td>
</tr>
<tr>
<td>115.112</td>
<td>Accounting for Business</td>
<td>15</td>
</tr>
<tr>
<td>115.113</td>
<td>Economics of Business</td>
<td>15</td>
</tr>
<tr>
<td>115.114</td>
<td>Finance Fundamentals</td>
<td>15</td>
</tr>
<tr>
<td>115.115</td>
<td>Management in Context</td>
<td>15</td>
</tr>
<tr>
<td>115.116</td>
<td>Introduction to Marketing</td>
<td>15</td>
</tr>
<tr>
<td>125.111</td>
<td>Financial Capability and Consumer Protection</td>
<td>15</td>
</tr>
<tr>
<td>155.110</td>
<td>Retail Law</td>
<td>15</td>
</tr>
<tr>
<td>157.150</td>
<td>Management Information Systems</td>
<td>15</td>
</tr>
<tr>
<td>161.101</td>
<td>Statistics for Business</td>
<td>15</td>
</tr>
<tr>
<td>178.100</td>
<td>Principles of Macroeconomics</td>
<td>15</td>
</tr>
<tr>
<td>178.111</td>
<td>Quantitative Methods for Economics</td>
<td>15</td>
</tr>
<tr>
<td>290.100</td>
<td>Retail Practice Internship</td>
<td>15</td>
</tr>
<tr>
<td>290.102</td>
<td>Fundamentals of Retailing</td>
<td>15</td>
</tr>
<tr>
<td>110.209</td>
<td>Intermediate Financial Accounting</td>
<td>15</td>
</tr>
<tr>
<td>110.229</td>
<td>Management Accounting</td>
<td>15</td>
</tr>
<tr>
<td>110.249</td>
<td>Accounting Information Systems</td>
<td>15</td>
</tr>
<tr>
<td>110.279</td>
<td>Auditing</td>
<td>15</td>
</tr>
<tr>
<td>110.289</td>
<td>Taxation</td>
<td>15</td>
</tr>
<tr>
<td>114.240</td>
<td>Organisational Behaviour</td>
<td>15</td>
</tr>
<tr>
<td>114.241</td>
<td>Principles of Human Resources Management</td>
<td>15</td>
</tr>
<tr>
<td>114.254</td>
<td>Employment Relationships</td>
<td>15</td>
</tr>
<tr>
<td>115.211</td>
<td>Business Law</td>
<td>15</td>
</tr>
<tr>
<td>115.212</td>
<td>Fundamentals of Leadership and Teamwork</td>
<td>15</td>
</tr>
<tr>
<td>125.220</td>
<td>Financial Institutions and Markets</td>
<td>15</td>
</tr>
<tr>
<td>125.230</td>
<td>Business Finance</td>
<td>15</td>
</tr>
<tr>
<td>125.241</td>
<td>Introduction to Investments</td>
<td>15</td>
</tr>
<tr>
<td>125.250</td>
<td>Financial Modelling</td>
<td>15</td>
</tr>
<tr>
<td>127.241</td>
<td>Property Market Principles</td>
<td>15</td>
</tr>
<tr>
<td>127.242</td>
<td>Introduction to Property Valuation</td>
<td>15</td>
</tr>
<tr>
<td>127.245</td>
<td>Introduction to Property Finance and Investment</td>
<td>15</td>
</tr>
<tr>
<td>152.203</td>
<td>Business and Society</td>
<td>15</td>
</tr>
<tr>
<td>152.230</td>
<td>Entrepreneurship</td>
<td>15</td>
</tr>
<tr>
<td>152.232</td>
<td>Small Business Management</td>
<td>15</td>
</tr>
<tr>
<td>152.250</td>
<td>Managing Organisations</td>
<td>15</td>
</tr>
<tr>
<td>152.252</td>
<td>Project Management</td>
<td>15</td>
</tr>
<tr>
<td>152.261</td>
<td>International Business</td>
<td>15</td>
</tr>
<tr>
<td>152.264</td>
<td>International Supply Chain Management</td>
<td>15</td>
</tr>
<tr>
<td>152.270</td>
<td>MCon Management</td>
<td>15</td>
</tr>
<tr>
<td>153.204</td>
<td>Negotiation Principles</td>
<td>15</td>
</tr>
<tr>
<td>155.201</td>
<td>Law of Property</td>
<td>15</td>
</tr>
<tr>
<td>155.202</td>
<td>Essentials of Law</td>
<td>15</td>
</tr>
<tr>
<td>155.203</td>
<td>Law of Business Organisations</td>
<td>15</td>
</tr>
<tr>
<td>155.210</td>
<td>Commercial Law</td>
<td>15</td>
</tr>
<tr>
<td>158.231</td>
<td>Strategic Marketing Management</td>
<td>15</td>
</tr>
<tr>
<td>156.232</td>
<td>Consumer Behaviour</td>
<td>15</td>
</tr>
<tr>
<td>156.233</td>
<td>Marketing Research</td>
<td>15</td>
</tr>
<tr>
<td>156.235</td>
<td>Social Media and Digital Marketing</td>
<td>15</td>
</tr>
<tr>
<td>156.237</td>
<td>Marketing Communication and Advertising</td>
<td>15</td>
</tr>
<tr>
<td>156.238</td>
<td>Marketing New Products</td>
<td>15</td>
</tr>
<tr>
<td>157.216</td>
<td>Management, Analytics and Decision Making</td>
<td>15</td>
</tr>
<tr>
<td>157.240</td>
<td>Social Media Networks for Business</td>
<td>15</td>
</tr>
<tr>
<td>157.241</td>
<td>Technology Trends for Organisations</td>
<td>15</td>
</tr>
<tr>
<td>178.200</td>
<td>Intermediate Macroeconomics</td>
<td>15</td>
</tr>
<tr>
<td>178.201</td>
<td>Intermediate Microeconomics</td>
<td>15</td>
</tr>
<tr>
<td>178.221</td>
<td>Methods of Economic Analysis</td>
<td>15</td>
</tr>
<tr>
<td>178.250</td>
<td>Contemporary Economic Issues</td>
<td>15</td>
</tr>
<tr>
<td>178.280</td>
<td>Introduction to Econometrics</td>
<td>15</td>
</tr>
<tr>
<td>197.288</td>
<td>Creative Industries</td>
<td>15</td>
</tr>
<tr>
<td>219.202</td>
<td>Professional and E-Business Writing</td>
<td>15</td>
</tr>
<tr>
<td>219.203</td>
<td>Business Communication</td>
<td>15</td>
</tr>
<tr>
<td>219.204</td>
<td>News Media Processes</td>
<td>15</td>
</tr>
<tr>
<td>219.205</td>
<td>Professional Presentations in Business</td>
<td>15</td>
</tr>
<tr>
<td>219.206</td>
<td>Communication and Technological Change</td>
<td>15</td>
</tr>
<tr>
<td>219.209</td>
<td>Public Relations Practice</td>
<td>15</td>
</tr>
<tr>
<td>222.215</td>
<td>Brand Communication</td>
<td>15</td>
</tr>
<tr>
<td>224.205</td>
<td>Display Practices</td>
<td>15</td>
</tr>
<tr>
<td>240.260</td>
<td>Logistics and Supply Chain Fundamentals</td>
<td>15</td>
</tr>
<tr>
<td>290.201</td>
<td>Retail Knowledge Internship</td>
<td>15</td>
</tr>
<tr>
<td>290.202</td>
<td>Retail Operations</td>
<td>15</td>
</tr>
<tr>
<td>290.203</td>
<td>Retail Buying and Planning</td>
<td>15</td>
</tr>
<tr>
<td>290.204</td>
<td>Store Design and Visual Merchandising</td>
<td>15</td>
</tr>
<tr>
<td>110.303</td>
<td>Integrative Accounting</td>
<td>15</td>
</tr>
<tr>
<td>110.309</td>
<td>Advanced Financial Accounting</td>
<td>15</td>
</tr>
<tr>
<td>110.329</td>
<td>Advanced Management Accounting</td>
<td>15</td>
</tr>
<tr>
<td>110.389</td>
<td>Forensic Accounting</td>
<td>15</td>
</tr>
<tr>
<td>110.397</td>
<td>Advanced Auditing</td>
<td>15</td>
</tr>
<tr>
<td>110.398</td>
<td>Advanced Taxation</td>
<td>15</td>
</tr>
<tr>
<td>114.330</td>
<td>Equity and Diversity in the Workplace</td>
<td>15</td>
</tr>
<tr>
<td>114.331</td>
<td>Contemporary HRM and Employment Relations</td>
<td>15</td>
</tr>
<tr>
<td>114.332</td>
<td>Decent Work</td>
<td>15</td>
</tr>
<tr>
<td>114.396</td>
<td>Strategic Human Resource Management</td>
<td>15</td>
</tr>
<tr>
<td>125.320</td>
<td>International Finance</td>
<td>15</td>
</tr>
<tr>
<td>125.330</td>
<td>Advanced Business Finance</td>
<td>15</td>
</tr>
<tr>
<td>125.340</td>
<td>Investment Analysis</td>
<td>15</td>
</tr>
<tr>
<td>125.350</td>
<td>Financial Risk Management</td>
<td>15</td>
</tr>
</tbody>
</table>
The Certificate in Pacific Development

CertPacificDev

No new enrolments from 2017

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II
Admission
1. Admission to the Certificate in Pacific Development requires that the candidate will meet the University admission requirements as specified.

Qualification Requirements
2. Candidates for the Certificate in Pacific Development shall follow a flexible programme of study, which shall consist of courses totalling at least 60 credits from the Schedule to the Certificate; and including:
   (a) the compulsory courses listed in the Schedule;
   (b) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
3. The Certificate in Pacific Development is awarded without specialisation.

Completion Requirements
4. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.
5. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress
6. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Certificate in Pacific Development
Compulsory courses (30 credits):
230.102 Pacific Peoples in New Zealand 15
179.230 The Wellbeing of Pacific Peoples in New Zealand 15

Elective courses (30 credits):
146.102 Endangered Cultures 15
179.110 Introducing Social and Community Work Practice 15
146.214 The Politics of Culture 15
176.203 Development and Social Change: Central Themes 15
The Certificate in Public Health
CertPH

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II
Admission
1. Admission to the Certificate of Public Health requires that the candidate meet the University admission requirements as specified.

Qualification Requirements
2. Candidates for the Certificate in Public Health shall follow a programme of study, which shall consist of courses totalling at least 60 credits comprising:
   (a) courses selected from the Schedule to the Qualification;
   and including:
   (b) any compulsory courses listed in the Schedule to the Qualification;
   (c) attending field trips, studios, workshops, tutorials and laboratories as required.

Specialisations
3. The Certificate in Public Health is awarded without specialisation.

Completion Requirements
4. The timeframes for completion as outlined in the General Regulations for the Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas and Graduate Certificates will apply.
5. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

The Certificate in Science and Technology
CertScTech

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

Part II
Admission
1. Admission to the Certificate in Science and Technology requires that the candidate meet the University admission requirements as specified.

Qualification Requirements
2. Candidates for the Certificate in Science and Technology shall follow a flexible programme of study, which shall comprise:
   (a) a selection of courses approved by Academic Board (or its delegate) selected from the Schedule to the Certificate;
   (b) at least 60 credits at 100 level or above.
   (c) 192.102 Academic Writing in English for Speakers of Other Languages may be included unless courses 247.155 or 119.177 or 247.177 have been completed.
3. Notwithstanding Regulation 2(a), and at the discretion of Academic Board, students exiting from or proceeding to the Bachelor of AgriCommerce, Bachelor of Construction, Bachelor of Engineering with Honours, Bachelor of Food Technology with Honours, Bachelor of Medical Laboratory Science, Bachelor of Veterinary Science, or Bachelor of Veterinary Technology, may have a personal programme variation approved in excess of stated limits, to meet the requirements of the Certificate in Science and Technology through substitution of courses from the schedules to those degrees.

Specialisations
4. The Certificate in Science and Technology is awarded without endorsement.
5. Endorsements available in accordance with transition arrangements are: Engineering Preparation, Engineering Studies and Veterinary Preparation. To complete an endorsement under these arrangements a candidate must pass a coherent set of courses of at least 60 credits as specified in the Schedule to the Certificate.

Completion Requirements
6. The general Unsatisfactory Academic Progress regulations will apply.

Unsatisfactory Academic Performance
6. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Arrangements
7. All candidates commencing study towards the Certificate in Public Health on or after 1 January 2017 must satisfy the requirements specified in these regulations.
8. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the certificate, all candidates who commenced study towards the Certificate in Public Health prior to 1 January 2017 may complete under the 2016 regulations.
9. In all cases candidates must complete the qualification within the timeframes for completion as specified in the Completion Requirements.
10. These transition arrangements expire on 31 December 2018.

Schedule for the Certificate in Public Health

Schedule A
Compulsory courses (30 credits):
231.106 Introduction to Public Health 15
231.108 Health Intervention Management 15

Schedule B
At least 30 credits from:
150.112 Hauora Tangata: Māori and Global Indigenous Health 15
214.102 Applied Sciences for Health Professionals 15 R 123.101, 123.103
231.107 Social Determinants of Health 15
250.100 Introduction to Communication in Health 15
10. Candidates who commenced study towards an endorsement in the Certificate in Science and Technology prior to 2018, but who have not completed the qualification by the end of the 2018 academic year, will not be permitted to complete their endorsement and will be required to transfer to the endornced qualification.

Schedule for the Certificate in Science and Technology

Unendorsed Certificate


Engineering Preparation Endorsement (No new enrolments)

Compulsory courses (45 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>123.103</td>
<td>Introductory Chemistry</td>
<td>15</td>
</tr>
<tr>
<td>124.100</td>
<td>Introductory Physics</td>
<td>15</td>
</tr>
<tr>
<td>160.103</td>
<td>Introductory University Mathematics</td>
<td>15</td>
</tr>
<tr>
<td>160.132</td>
<td>Concepts in Mathematics</td>
<td>15</td>
</tr>
</tbody>
</table>

And

15 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>247.155</td>
<td>Communication in the Sciences</td>
<td>15</td>
</tr>
<tr>
<td>192.102</td>
<td>Academic Writing in English for Speakers of Other Languages</td>
<td>15</td>
</tr>
</tbody>
</table>

Engineering Studies Endorsement (no new enrolments)

Compulsory courses (15 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>228.153</td>
<td>Introductory Engineering Studies</td>
<td>15</td>
</tr>
</tbody>
</table>

And

15 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>247.155</td>
<td>Communication in the Sciences</td>
<td>15</td>
</tr>
</tbody>
</table>

Endorsement courses (30 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>123.103</td>
<td>Introductory Chemistry</td>
<td>15</td>
</tr>
<tr>
<td>124.100</td>
<td>Introductory Physics</td>
<td>15</td>
</tr>
<tr>
<td>159.101</td>
<td>Programming Fundamentals</td>
<td>15</td>
</tr>
<tr>
<td>160.103</td>
<td>Introductory University Mathematics</td>
<td>15</td>
</tr>
<tr>
<td>160.132</td>
<td>Concepts in Mathematics</td>
<td>15</td>
</tr>
<tr>
<td>161.120</td>
<td>Introductory Statistics</td>
<td>15</td>
</tr>
<tr>
<td>161.130</td>
<td>Introductory Biostatistics</td>
<td>15</td>
</tr>
<tr>
<td>162.103</td>
<td>Introductory Biology</td>
<td>15</td>
</tr>
<tr>
<td>214.131</td>
<td>Introduction to Food and Nutrition</td>
<td>15</td>
</tr>
</tbody>
</table>

Veterinary Preparation Endorsement (No new enrolments)

Compulsory courses (45 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>123.103</td>
<td>Introductory Chemistry</td>
<td>15</td>
</tr>
<tr>
<td>124.100</td>
<td>Introductory Physics</td>
<td>15</td>
</tr>
<tr>
<td>162.103</td>
<td>Introductory Biology</td>
<td>15</td>
</tr>
</tbody>
</table>

And

15 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.103</td>
<td>Introductory University Mathematics</td>
<td>15</td>
</tr>
</tbody>
</table>

Endorsement courses (30 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>123.103</td>
<td>Introductory Chemistry</td>
<td>15</td>
</tr>
<tr>
<td>124.100</td>
<td>Introductory Physics</td>
<td>15</td>
</tr>
<tr>
<td>159.101</td>
<td>Programming Fundamentals</td>
<td>15</td>
</tr>
<tr>
<td>160.103</td>
<td>Introductory University Mathematics</td>
<td>15</td>
</tr>
<tr>
<td>160.132</td>
<td>Concepts in Mathematics</td>
<td>15</td>
</tr>
<tr>
<td>161.120</td>
<td>Introductory Statistics</td>
<td>15</td>
</tr>
<tr>
<td>161.130</td>
<td>Introductory Biostatistics</td>
<td>15</td>
</tr>
<tr>
<td>162.103</td>
<td>Introductory Biology</td>
<td>15</td>
</tr>
<tr>
<td>214.131</td>
<td>Introduction to Food and Nutrition</td>
<td>15</td>
</tr>
</tbody>
</table>

The Certificate in Visual Arts

CertVisualArts

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University including the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.
Part II

Admission
1. Admission to the Certificate in Visual Arts requires that the candidate will meet the University admission requirements as specified.

Qualification Requirements
2. Candidates for the Certificate in Visual Arts shall follow a flexible course of study, which shall consist of courses totalling at least 60 credits, comprising:
   (a) courses selected from the Schedule to the Qualification; and including:
   (b) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.
3. Notwithstanding Regulation 2, with the approval of Academic Board or their delegate, relevant courses may be substituted for courses included in the Certificate in Visual Arts schedule beyond the normal permitted limits.

Specialisations
4. The Certificate in Visual Arts is awarded without endorsement.

Completion Requirements
5. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.
6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress
7. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Certificate in Visual Arts

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>197.119</td>
<td>Coding for Creative Practice</td>
<td>15</td>
</tr>
<tr>
<td>197.191</td>
<td>Art and Design: Special Topic I</td>
<td>15</td>
</tr>
<tr>
<td>P Permission Course Coordinator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>197.122</td>
<td>Digital Fabrication</td>
<td>15</td>
</tr>
<tr>
<td>212.100</td>
<td>Fashion Pattern Making</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>212.101  Fashion Construction</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>213.150  Painting</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>213.151  Contemporary Sculpture</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>213.154  Contemporary Drawing</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>213.155  Drawing the Body I</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>221.100  Photography as an Agent of Change</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>222.103  Social Media Culture</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>222.104  Printmaking</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>237.117  Māori Art and Design Studio I – Toi Atea</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>237.130  Communication for Makers</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>237.131  Conversations in Creative Cultures</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>289.101  Introduction to Web and Mobile Media</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>289.102  Visualisation for Media Production</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>289.103  Introduction to Computer Animation</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>289.104  Introduction to Visual Effects and Motion Graphics</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>289.105  Introduction to Digital Video Production</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>289.106  Introduction to Game Technologies and Mechanics</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>289.107  Introduction to Audio Production and Sound Design</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>289.108  Introduction to Animatronics and Modelling</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>289.190  Creative Media Production Special Topic 1a</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>289.191  Creative Media Production Special Topic 1b</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>289.192  Creative Media Production Special Topic 1c</td>
<td>15</td>
</tr>
</tbody>
</table>
## The Certificate in Advanced Intensive English  
**CertAdvIE**

### Qualification Regulations

#### Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University.

#### Part II

**Admission**
1. Admission to the Certificate in Advanced Intensive English requires that the candidate will have:
   (a) an ability to read and write in any language;
   (b) been placed into the qualification on the basis of an assessment of their reading, writing, listening and speaking skills in English;
   (c) completed education to the equivalent of at least NCEA Level 1.

### Qualification Requirements
2. Candidates for the Certificate in Advanced Intensive English shall follow a fixed programme of study, which shall consist of courses totalling at least 72 credits from the schedule to the qualification.

**Specialisations**
3. There are no specialisations for this qualification.

### Completion Requirements
4. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

### Unsatisfactory Academic Progress
5. The general Unsatisfactory Academic Progress regulations will apply.

### Schedule for the Certificate in Advanced Intensive English

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>192.089</td>
<td>Advanced Reading and Writing</td>
<td>18</td>
</tr>
<tr>
<td>192.090</td>
<td>Expressing Complex Ideas and Relationships</td>
<td>18</td>
</tr>
<tr>
<td>192.091</td>
<td>Accessing the Community</td>
<td>18</td>
</tr>
<tr>
<td>192.092</td>
<td>Advanced Reading and Writing (Special Topic)</td>
<td>18</td>
</tr>
<tr>
<td>192.095</td>
<td>English for Academic Purposes: Advanced</td>
<td>18</td>
</tr>
<tr>
<td>192.096</td>
<td>Extending Language Skills and Strategies for Tertiary Studies</td>
<td>18</td>
</tr>
</tbody>
</table>

---

## The Certificate in Elementary Intensive English  
**CertElemIE**

### Qualification Regulations

#### Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University.

#### Part II

**Admission**
1. Admission to the Certificate in Elementary Intensive English requires that the candidate will have:
   (a) an ability to read and write in any language;
   (b) been placed into the qualification on the basis of an assessment of their reading, writing, listening and speaking skills in English;
   (c) completed education to the equivalent of at least NCEA Level 1.

### Qualification Requirements
2. Candidates for the Certificate in Elementary Intensive English shall follow a fixed programme of study, which shall consist of courses totalling at least 72 credits from the schedule to the qualification.

3. Notwithstanding Regulation 2, with the approval of the Director, Professional and Continuing Education a candidate may substitute a course or courses listed in the Schedule for the Certificate in Pre-Intermediate Intensive English for one or more courses listed in the Schedule to the qualification.

4. No course may be credited to more than one of Massey University’s Intensive English certificates.

**Specialisations**
5. There are no specialisations for this qualification.

### Completion Requirements
6. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

### Unsatisfactory Academic Progress
7. The general Unsatisfactory Academic Progress regulations will apply.

### Schedule for the Certificate in Elementary Intensive English

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>192.062</td>
<td>Elementary Listening and Speaking</td>
<td>18</td>
</tr>
<tr>
<td>192.063</td>
<td>Elementary Reading and Writing</td>
<td>18</td>
</tr>
<tr>
<td>192.064</td>
<td>Skills and Strategies for Elementary Listening and Speaking</td>
<td>18</td>
</tr>
<tr>
<td>192.065</td>
<td>Skills and Strategies for Elementary Reading and Writing</td>
<td>18</td>
</tr>
</tbody>
</table>
The Certificate in Foundation Studies
CertFoundStud

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University.

Part II
Admission
1. Admission to the Certificate in Foundation Studies requires that the candidate will:
   (a) have completed NCEA Level 2, or equivalent; and
   (b) if English is not the applicant’s first language, have achieved an IELTS of 5.5 overall with no band less than 5.0, or equivalent.

Qualification Requirements
2. Candidates for the Certificate in Foundation Studies shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits, comprising:
   (a) the core courses listed in Schedule A for the Certificate in Foundation Studies schedule; and
   (b) courses selected for one pathway as listed in Schedule B for the Certificate in Foundation Studies;
   and including:
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
3. The Certificate in Foundation Studies is awarded without specialisation.

Completion Requirements
4. A candidate’s programme of study may not exceed four academic years from the date of first enrolment in a course to be credited to the Certificate in Foundation Studies.
5. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress
6. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions
7. Subject to the completion provisions specified in regulation 4, candidates who commenced study towards the Certificate in Foundation Studies prior to 31 December 2016, and who have passed at least 15 credits while enrolled in the Certificate, may be permitted to substitute courses already completed for those included in the schedule to the Certificate. These transition arrangements expire 31 December 2018.

Certificate in Foundation Studies Schedule

Schedule A: Core courses for the Certificate in Foundation Studies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>192.040</td>
<td>Academic Language and Writing 1</td>
<td>15</td>
</tr>
</tbody>
</table>

Schedule B: Specific courses for the Certificate in Foundation Studies Pathways

Business Pathway (60 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.011</td>
<td>Foundation Management</td>
<td>15</td>
</tr>
<tr>
<td>115.014</td>
<td>Foundation Economics</td>
<td>15</td>
</tr>
<tr>
<td>115.015</td>
<td>Foundation Financial Literacy</td>
<td>15</td>
</tr>
<tr>
<td>119.011</td>
<td>Foundation Communications</td>
<td>15</td>
</tr>
<tr>
<td>247.001</td>
<td>Foundation Mathematics 1</td>
<td>15</td>
</tr>
</tbody>
</table>

Humanities/Social Sciences Pathway (60 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.014</td>
<td>Foundation Economics</td>
<td>15</td>
</tr>
<tr>
<td>150.001</td>
<td>Bridging Studies in Māori Culture and Society</td>
<td>15</td>
</tr>
<tr>
<td>119.011</td>
<td>Foundation Communications</td>
<td>15</td>
</tr>
<tr>
<td>230.001</td>
<td>Foundation Humanities</td>
<td>15</td>
</tr>
<tr>
<td>230.002</td>
<td>Foundation Social Sciences</td>
<td>15</td>
</tr>
</tbody>
</table>

Science Pathway (60 credits)

At least 45 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>247.001</td>
<td>Foundation Mathematics 1</td>
<td>15</td>
</tr>
<tr>
<td>247.002</td>
<td>Foundation Mathematics 2</td>
<td>15</td>
</tr>
<tr>
<td>247.003</td>
<td>Foundation Physical Sciences</td>
<td>15</td>
</tr>
<tr>
<td>247.004</td>
<td>Foundation Biological Sciences</td>
<td>15</td>
</tr>
</tbody>
</table>

No more than 15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.014</td>
<td>Foundation Economics</td>
<td>15</td>
</tr>
<tr>
<td>119.011</td>
<td>Foundation Communications</td>
<td>15</td>
</tr>
</tbody>
</table>

Health Pathway (60 credits from)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.001</td>
<td>Bridging Studies in Māori Culture and Society</td>
<td>15</td>
</tr>
<tr>
<td>119.011</td>
<td>Foundation Communications</td>
<td>15</td>
</tr>
<tr>
<td>214.003</td>
<td>Foundation Human Bioscience</td>
<td>15</td>
</tr>
<tr>
<td>230.002</td>
<td>Foundation Social Sciences</td>
<td>15</td>
</tr>
<tr>
<td>247.001</td>
<td>Foundation Mathematics 1</td>
<td>15</td>
</tr>
</tbody>
</table>

The Certificate in Intermediate Intensive English
CertIntIE

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University.

Part II
Admission
1. Admission to the Certificate in Intermediate Intensive English requires that the candidate will have:
   (a) an ability to read and write in any language;
   (b) been placed into the qualification on the basis of an assessment of their reading, writing, listening and speaking skills in English;
   (c) completed education to the equivalent of at least NCEA Level 1.

Qualification Requirements
2. Candidates for the Certificate in Intermediate Intensive English shall follow a fixed programme of study, which shall consist of courses totalling at least 72 credits from the schedule to the qualification.
3. Notwithstanding Regulation 2, with the approval of the Director, Professional and Continuing Education a candidate may substitute a course or courses listed in the Schedule for the Certificate in Upper
Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University.

Part II

Admission

1. Admission to the Certificate in Pre-Intermediate Intensive English requires that the candidate will have:
   (a) an ability to read and write in any language;
   (b) been placed into the qualification on the basis of an assessment of their reading, writing, listening and speaking skills in English;
   (c) completed education to the equivalent of at least NCEA Level 1.

Qualification Requirements

2. Candidates for the Certificate in Pre-Intermediate Intensive English shall follow a flexible programme of study, which shall consist of courses totalling at least 72 credits from the Schedule to the qualification.

3. Notwithstanding Regulation 2, with the approval of the Director, Professional and Continuing Education a candidate may substitute a course or courses listed in the Schedule for the Certificate in Intermediate Intensive English for one or more courses listed in the Schedule to the qualification.

The Certificate of University Preparation

CertUniPrep

Qualification Regulations

Part I

These regulations are to be read in conjunction with all other Statutes and Regulations of the University.

Part II

Admission

1. Admission to the Certificate of University Preparation requires that the candidate will have:
   (a) completed Year 13 at a New Zealand secondary school, or equivalent; and:
   (b) have achieved at least 14 credits in at least one approved subject at NCEA Level 3 or above, or equivalent; and
   (c) have achieved at least 10 credits in at least two other approved subjects at NCEA Level 3 or above, or equivalent; and
   (d) have met the literacy and numeracy standards required for University Entrance, or equivalent.

Qualification Requirements

2. Candidates for the Certificate of University Preparation shall follow a flexible programme of study, which shall consist of courses totalling at least 60 credits, comprising:
   (a) the core courses listed in Schedule A for the Qualification; and
   (b) courses selected for one pathway as listed in Schedule B for the Certificate of University Preparation; and including:
   (c) attending field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations

3. The Certificate of University Preparation is awarded without specialisation.

Completion Requirements

4. A candidate's programme of study may not exceed two academic years from the date of first enrolment in a course to be credited to the Certificate of University Preparation.

5. Candidates may be awarded the Certificate when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress

6. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions

7. Subject to the completion provisions specified in Regulation 5, candidates who commenced study towards the Certificate in University Preparation prior to 31 December 2016 and who have passed at least 15 credits whilst enrolled in the Certificate in University Preparation, may be permitted to substitute courses already completed for those included in the Schedule to the Certificate. These transition arrangements expire 31 December 2018.
The Certificate in Upper Intermediate Intensive English  
CertUpperIntIE

Qualification Regulations

Part I
These regulations are to be read in conjunction with all other Statutes and Regulations of the University.

Part II
Admission
1. Admission to the Certificate in Upper Intermediate Intensive English requires that the candidate will have:
   (a) an ability to read and write in any language;
   (b) been placed into the qualification on the basis of an assessment of their reading, writing, listening and speaking skills in English;
   (c) completed education to the equivalent of at least NCEA Level 1.

Qualification Requirements
2. Candidates for the Certificate in Upper Intermediate Intensive English shall follow a fixed programme of study, which shall consist of courses totalling at least 72 credits from the Schedule to the qualification.
3. Notwithstanding Regulation 2, with the approval of the Director, Professional and Continuing Education a candidate may substitute a course or courses listed in the Schedule for the Certificate in Advanced Intensive English for one or more courses listed in the Schedule to the qualification.

The Foundation Certificate in Academic English  
FoundCertAcadEngl

Qualification Regulations

Part I
The Foundation Certificate in Academic English is aimed at preparing students for whom English is a second or additional language for university study in New Zealand in the medium of English. The programme includes preparation in academic English and learning conventions appropriate for pre-degree and undergraduate study.

Part II
General
1. The Massey University Regulations governing Admission, Enrolment, Recognition of Prior Learning, Assessment and Examinations, and
The Foundation Certificate in Advanced Academic English

**FoundCertAdvAcadEngl**

**Qualification Regulations**

**Part I**

The Foundation Certificate in Advanced Academic English is aimed at preparing students for whom English is a second or additional language for university study in New Zealand in the medium of English. The programme includes preparation in academic English and learning conventions appropriate for postgraduate or selected undergraduate study.

**Part II**

**General**

1. The Massey University Regulations governing Admission, Enrolment, Recognition of Prior Learning, Assessment and Examinations, and Unsatisfactory Academic Progress shall apply, in addition to the following Regulations specific to the qualification.

**Qualification Requirements**

2. Before enrolling for the Foundation Certificate, a candidate shall have:
   (a) received a conditional offer of place to their next programme of study (conditional on English language proficiency only); and
   (b) a minimum 5.5 IELTS in each band or equivalent.

3. Candidates must pass all four courses to be eligible for the award of the qualification.

**Prerequisite Requirements**

4. Candidates must successfully complete 192.020 before proceeding to 192.022, and must successfully complete 192.021 before proceeding to 192.023.

**University Admission**

5. Candidates must achieve the following grade point average (scale 0–9) to satisfy the Calendar Admission Regulations for English Language Competency (2008, p. 20, notes 4 and 6).

<table>
<thead>
<tr>
<th>Qualification</th>
<th>Diploma/University Admission</th>
<th>Undergraduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certificate in Foundation Studies</td>
<td>2.0</td>
<td>7.0</td>
</tr>
<tr>
<td>Certificate of University Preparation</td>
<td>4.0</td>
<td>7.0</td>
</tr>
</tbody>
</table>

**Notes**

1. The Director, Massey University Centre for Professional and Continuing Education, may waive the requirement for an internationally recognised English language test result upon satisfactory evidence of equivalent proficiency.

2. Selected undergraduate or postgraduate programmes are those that state higher English language admission criteria than the standard postgraduate requirements.

---

The Foundation Certificate in Agriculture

**FoundCertAg**

**Qualification Regulations**

**Part I**

These regulations are to be read in conjunction with all other Statutes and Regulations of the University.

**Part II**

**Admission**

1. Admission to the Foundation Certificate in Agriculture requires that the candidate will have completed, to the satisfaction of Academic Board, 12 months’ farm employment and:
   (a) be at least 18 years of age; and
   (b) have successfully completed Year 12 education (NCEA Level Two) and achieved the literacy and numeracy requirements for University Entrance, or have achieved an equivalent post-secondary school qualification.

**Qualification Requirements**

2. Candidates for the Foundation Certificate in Agriculture shall follow a fixed programme of study, which shall consist of courses totalling at least 60 credits, comprising:
   (a) the courses listed in the Schedule for the Qualification;
   (b) attending field trips, studios, workshops, tutorials, and laboratories as required.

**Specialisations**

3. The Foundation Certificate in Agriculture is awarded without specialisations.

**Completion Requirements**

4. A candidate’s programme of study may not exceed two years from date of first enrolment in the Foundation Certificate in Agriculture.

5. Candidates may be graduated when they meet the Admission, Qualification and Academic requirements within the prescribed timeframes.

**Unsatisfactory Academic Progress**

6. The general Unsatisfactory Academic Progress regulations will apply.

**Schedule for the Foundation Certificate in Agriculture**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>117.006</td>
<td>Animal Production and Health</td>
<td>15</td>
</tr>
<tr>
<td>119.006</td>
<td>Foundation Farm and Industry Study</td>
<td>15</td>
</tr>
<tr>
<td>283.006</td>
<td>Pasture and Crop Production</td>
<td>15</td>
</tr>
<tr>
<td>189.006</td>
<td>Soil Productivity</td>
<td>15</td>
</tr>
</tbody>
</table>
1. The purpose of the Code is to encourage:
   (a) ethical conduct in undertaking academic studies and research;
   (b) integrity and respect in the teaching and learning process;
   (c) courtesy, safety and respect amongst students and between students and the University;
   and to specify:
   (d) certain required standards of student conduct in respect of academic studies, research and other behaviour connected with a student’s course of studies or status as a member of the University;
   (e) the University Disciplinary Procedures by which complaints of misconduct by students shall be resolved.

Required standards of student conduct

2. Students shall:
   (a) comply with this Code, and all other relevant University policies, codes, regulations and procedures, including ethical and professional standards and specific protocols for particular research projects;
   (b) comply with all relevant laws, including laws relating to the privacy and confidentiality of information;
   (c) treat other students, the University staff, other members of the University community and the public with courtesy and respect;
   (d) treat the property of other students, University staff, other members of the University community and the public with respect;
   (e) act with honesty and integrity when accessing and using the University systems;
   (f) act with honesty and integrity in submitting material or imparting information to the University.

3. A full copy of the Student Disciplinary Regulations can be found in the online Calendar at calendar.massey.ac.nz. This Regulation has been augmented for breaches of academic integrity only, by the Student Academic Integrity Policy and the Procedure of Managing Breaches of Academic Integrity at: www.massey.ac.nz/?aa7ca0648c
The University and the Student form a contractual relationship when the Student accepts an Offer of Enrolment. That Contract is subject to the University, issuing a Confirmation of Enrolment once all requirements have been satisfied. If no Confirmation of Enrolment is issued then the Contract is at an end. If the University issues a Confirmation of Enrolment, the following are the terms of that Contract which the University and the Student accept are to govern their relationship, along with statute, and with the Regulations and Rules of the University.

The University will:
1. Use best endeavours to provide the Student with tuition and supervision of a professional standard in the course(s) in which the Student is enrolled.
2. Act reasonably and fairly in exercising its powers under the regulatory framework and this Contract.
3. Advise the Student of any changes in the course(s) required because of changes in funding, staffing or other reasonable cause.

The Student will:
4. Use best endeavours to fulfil the requirements prescribed by the University for the course(s).
5. Observe the Regulations and Rules of the University and accept the jurisdiction of the University in all matters connected with academic progress and with discipline.
6. Pay the fees prescribed by the University for the course(s).

The University and the Student also agree:
7. The Contract is formed when the Student accepts the Offer of Enrolment. That Contract is subject to the University issuing a Confirmation of Enrolment. If a Confirmation of Enrolment is issued these are the terms of the Contract that apply.
8. The Contract will continue for the period for which the Student is enrolled by the University and will then end. However, clause 12 will continue to apply after the Contract ends.
9. The University and the Student may enter into further contracts, in subsequent periods, by repeating the process in clause 7.
10. The relevant Admission Application, Enrolment Application, Offer of Place in a qualification, Offer of Enrolment, Confirmation of Enrolment, regulations, codes, policies, rules of the University and material published in the Calendar also form part of this Contract but nothing else shall be incorporated into the contractual relationship between the Student and the University.
11. Liability for failure to perform this Contract is excluded where that failure has been caused by circumstances beyond the control of the University or the Student.
12. Any dispute arising out of or in connection with this Contract, or otherwise relating to the performance by the University or its staff of their responsibilities to the Student, shall be resolved through the Grievance Procedures prescribed by the University Calendar, http://www.massey.ac.nz/ which shall be the exclusive procedures for resolution of such a dispute.

Student Disciplinary Regulations
The University has Student Disciplinary Regulations. These are available via a link in the University Calendar online.

Academic Integrity
1. All students are required to comply with the principles of Academic Integrity as published from time to time.
2. Failure to comply with the principles of Academic Integrity may be considered to be Academic Misconduct.
3. Examples of Academic Misconduct include but are not limited to:
   (a) Plagiarism: Presenting the work of others as one’s own or without appropriate acknowledgement. This applies to material presented in any medium – works in textual, musical, visual, spoken, or performance format. Examples of plagiarism may be –
      (i) copying of sentences, paragraphs, computer files, research data or creative products that are the works of other persons, without appropriate acknowledgement;
      (ii) closely paraphrasing sentences, paragraphs or themes without appropriate acknowledgement;
      (iii) submitting all or parts of other students work;
      (iv) self-plagiarism, i.e. submitting one’s own previously-assessed or published work for assessment or publication elsewhere, without appropriate acknowledgement and/or approval;
      (v) submission of work overly reliant on model answers or sample solutions provided in the learning resources.
   (b) Cheating in any examination or test. For example, the use of notes written on the body, crib cards, mobile phones or sheets of paper, or the use of pre-programmed electronic devices and mobile phones without permission, or positioning answers so others can see and make use of them.
   (c) Collusion: Where one or more individuals set out to deceive an assessor as to the responsibility for a submitted piece of assessment work. This deception may be overt or covert and includes the following but is not limited to:
      (i) any assistance given by a current student to another student to be dishonest or fraudulent with academic assessment;
      (ii) collaborative projects falsely representing the individual contributions of each person or presenting as one’s own the work of others in an associated individual report.
   (d) Contract plagiarism: Submitting material obtained from essay depositories (paper mills) or from another person. Submitting an assignment where all or part has been purchased from a third party service. The offering or advertising by students for students to engage in fraudulent activities.
   (e) Presenting data with respect to laboratory work, clinical placements, practica, field trips, or other work that has been copied or falsified.
   (f) Presenting data obtained improperly, e.g. data collected without ethical consideration.
   (g) Any misrepresentation in relation to academic achievement or records.
   (h) Disclosing or assigning Intellectual Property in which the University can reasonably be said to have an interest outside the channels prescribed by the University’s Intellectual Property Policy.
   (i) Any breach of the Code of Responsible Research Conduct by a student.
4. Breaches of Academic Integrity will be managed in accordance with the Procedures for Managing Student Breaches of Academic Integrity and any determination of Academic Misconduct by a student may result in academic penalties being imposed.
5. Academic penalties include but are not limited to:
   (a) capped mark for an assessment component of a course;
   (b) remedial advice to be sought from a University Learning Consultant;
   (c) requirement to attend an appropriate workshop or other type of learning activity, either online or face-to-face;
   (d) repeat or resubmission of assessment or part thereof, and representation for marking;
   (e) repeat assessment, or part thereof, and present for marking with capped mark;
   (f) reduced mark (nil for affected section of the assessment task);
   (g) zero marks for the piece of assessment;
   (h) fail grade for the course;
   (i) period of suspension from the University;
   (j) exclusion from the University.
6. The University may rescind a qualification already awarded to a student or former student, where Academic Misconduct of a serious nature is revealed post-graduation.

7. Failure of a student to participate in a remedial activity required by the University under these regulations may result in an escalation of penalties.

8. A record of a finding of Academic Misconduct may be maintained on the University’s Academic Misconduct Register.

9. Notwithstanding Regulations 1 to 8, Academic Misconduct may also be addressed through the Student Disciplinary Procedures or other relevant disciplinary processes, including recourse to the civil and/or criminal justice systems.

10. Appeals may be made by students in accordance with the process described in the Student Disciplinary Regulations.

---

**Use of Information**

Where a library card is lost, the user shall report that loss to the University Librarian.

**Borrowing**

6. No library material shall be removed from the Library without the loan first being properly recorded.

Library material shall be returned by the due date. The person in whose name material is borrowed is responsible for its safekeeping for the duration of the loan and for its return.

**Loan Periods**

7. Notices advising loan periods are displayed on the Library website.

Library material on loan may be subject to recall at any time, including study breaks and summer vacation. Recalled material must be returned by the notified date. Failure to do so will incur a fine.

8. Loans may be renewed up to four times, provided that the items are not required by another user. After four renewals they must be returned for re-issue.

9. Items in Short-Loan Collections are issued for periods ranging from two hours to three days. Items that belong to the Library and have a loan period of between two to four hours may be borrowed overnight provided they are collected within two hours of the Library closing and returned within one hour of the Library opening on the following day.

**Lost or Damaged Material**

10. Loss of, or damage to, library material shall be reported immediately to the Library. Borrowers shall be required to pay such costs as may be determined by the University Librarian for lost or damaged material, together with the prescribed administration fee. These costs shall not exceed the reasonable cost of restoring an equivalent item to the collection.

Such material remains the property of the University, notwithstanding payment of the bill for its replacement, and must, if found, be returned. A refund in whole or part will be made (depending upon the condition of the items), but the associated administration fee may be retained. No refunds will be made if more than a year has elapsed since the original payment.

**Fines and Sanctions**

11. Borrowers who fail to return or renew any borrowed material shall be liable to a fine unless they satisfy the University Librarian that circumstances have prevented them from returning the material at the appropriate time.

The University Librarian is under no obligation to notify borrowers when material is overdue and fines may still be imposed when material is returned after the due date, even though no notice has been received by the borrower.

12. Fines shall be payable for each day or period (or part thereof) that the material is overdue until it has been returned to the Library. Notices advising fines charges are displayed on the Library website.

13. Where library material is not returned or a charge levied remains unpaid, borrowing privileges and access to licenced electronic resources may be withheld.

14. Students who have very overdue items and owe amounts in excess of $150 shall be recorded on the Student Management System, and until the debt is discharged, may have their enrolment suspended. Suspension may mean that students:

(a) no longer have access to University services and facilities;

(b) will not receive grades for courses;

(c) will not have access to their academic records; and

(d) may not re-enrol at Massey University until the fees have been paid in full.
Conduct of Persons Using the Library

15. No person shall create any unnecessary noise or disturbance or behave in a disruptive, disorderly or improper manner in the Library.

16. No person shall deliberately or carelessly mutilate, deface or misplace any library material or equipment.

17. Consumption of food and drink is permitted provided drinks are in spill-proof containers, and food does not interfere with the cleanliness of the building or the study environment of Library users. Cellphones, laptops and other devices should not be used in the Library in a manner which may disturb others.

18. No person shall distribute or post any notices except on public noticeboards in the Library, except with the prior authorisation of the University Librarian.

19. All persons shall, when so requested by the Library staff, present their bags and personal belongings for inspection.

20. All persons who use the Library shall identify themselves on request to a member of the Library staff.

21. No person shall reserve a place by leaving books or other articles on desks or seats for longer than 30 minutes. Material so left may be removed.

22. In the case of any person using the Library who behaves in a disorderly or improper manner or otherwise in breach of these Regulations, the University Librarian may require that person to withdraw from the Library.

Use of Subscribed Electronic Resources (e-journals, e-books and article databases)

23. Access to Library-licensed electronic resources is limited to currently-enrolled students and current members of Massey University staff or as otherwise stated in clause 3 or in the resource-specific permissions and restrictions available to view via the Library Catalogue.

24. The Library reserves the right to monitor the use of electronic resources by users and to refuse access to users who breach the conditions of the University’s licence agreements.

25. When accessing subscribed electronic resources the following must be observed:
   (a) No person shall share their Massey University username and password with another person;
   (b) No person shall systematically download, print, or copy substantial portions of electronic resources (e.g. entire journal issues or books);
   (c) No person shall post content from electronic resources to any website or application.
   (d) No person shall use content from electronic resources for commercial purposes (as resources are accessed under an educational-use licence).
   (e) No person shall share content from electronic resources with people who are not Massey University staff or students.
   (f) No person shall modify content or create derivative works except where licences allow.
   (g) All users should seek advice from the Library before making multiple paper copies of an article from an electronic resource, or including a copy of an article in a course pack, study guide or online course.

Copyright

26. All persons who use a copying device in the Library shall observe the limits described in the Copyright Act 1994. Copyright notices are placed near copying machines and a copy of the Act may be inspected at the Service Desk.

Theses and Research Papers

Research Papers and Dissertations

27. Research papers and dissertations may be deposited in the Library.

A digital copy may be loaded on the University’s institutional repository, Massey Research Online, and may be made openly available with appropriate document security.

Masters and Doctoral Theses

28. Subject to clause 16(c) and (d) of the Assessment and Examinations Regulations and unless otherwise approved by the Librarian, two copies of theses which have been accepted for the award of Doctoral or Masters’ degree must be deposited in the Library. Such submissions must be in accordance with the Guide to the Presentation of Theses (available from the Library website). One copy should be a paper copy and the other a digital copy in an approved format. Each copy must contain the name of the author and the title, and contain a short abstract. The print copy of Masters theses should be bound and the print copy of doctoral theses should be hard bound.

29. Where theses are provided in a digital format that relies on non-standard technology, the Library provides no guarantee that formats will be shifted to ensure access in the future.

30. Copies of Masters and Doctoral theses destined for the Library will be fully catalogued, and in the case of the digital copy, metadata tags will be added. The print copy will be lodged permanently in secure facilities in the Library for archival purposes. The digital copy will be lodged permanently in the University’s digital research repository. Unless the Assistant Vice Chancellor with portfolio responsibility for research, has approved an embargo, the print and digital copies will be publicly accessible, including parts of the thesis solely in digital form.

31. Theses may be embargoed for a period of time only if approved by the Assistant Vice Chancellor, with portfolio responsibility for research. It is possible with digital theses to embargo part of the thesis (e.g. an appendix) while allowing the general text to be made available to the public. A thesis that is embargoed will have the author, title, abstract and metadata publicly available through the University’s institutional repository. If the full abstract contains information that needs to be covered by the embargo, students should supply a short, bland abstract for this purpose (e.g. a doctoral citation).

University Archives

32. The University archives is a preservation and information unit. It serves as the official repository of all archival records of the University and as a collecting archive by collecting and preserving selected material for research purposes.

33. The resources of the Archives shall be available to the University community and the general public for the purposes of genuine research. Access to archival material may be restricted for preservation purposes, for reasons agreed to with donors of archival material, or in accordance with New Zealand legislation. The regulations governing access to and the use of archival sources of information are available on the Archives website and in the Archives reading room.

34. Archival material must be consulted in the Archives reading room; no items may be removed from the University Archives.

35. Hours of opening of the reading room are posted at the Archives and on the Archives website.

36. Entry to the University Archives and access in person to holdings is free of charge. Enquiries from people who cannot visit the Archives in person are free for the first hour.

37. The following clauses of the Library Regulations also apply to the Archives: 14, 15, 18, 19, 21 and 25.

Intellectual Property

The University operates a Policy on Intellectual Property, and students are subject to its provisions. Copies of this Policy are available at: policyguide.ac.nz

The general provisions are as follows:

The University claims legal and beneficial ownership of all New Intellectual Property Rights generated under the auspices of the University. However, Staff and Students retain ownership of copyright and other rights in certain works.

The Assistant Vice-Chancellor (Research, Academic and Enterprise) will take all reasonable steps to fairly and transparently allocate the benefits of the New Intellectual Property Rights to all parties with an interest.

All students are reminded of their responsibility to abide by the Intellectual Property Policy of the University, which they accept by enrolling at the University. In particular, staff and students are bound by obligations of confidentiality in relation to Intellectual Property Rights or other commercially-sensitive information they become aware of during their work or study at the University. In addition, staff and students may be bound by contractual obligations with third parties relating to their research or study.

Law of Copyright

The law of copyright allows the University under certain conditions to supply material to students in which copyright works or parts of copyright works are reproduced. Students are reminded of the obligations they must accept on enrolment that materials supplied to them are to be used only for research or private study and for no other purpose.
Assessment and Examination Regulations

Assessment in Taught Courses

Eligibility for Assessment
1. Students who enrol for a course, pay their fees and do not withdraw will be awarded a grade in that course.
2. Some courses require compulsory attendance at classes, including laboratories, field trips, practical exercises, contact workshops or block courses. In such courses, course co-ordinators shall advise students in writing at the commencement of tuition that non-attendance, without exemption having been granted, constitutes failure in the course, regardless of the rest of the assessment procedure. In this case, students shall receive a DC for the course.
3. Course coordinators shall advise students at the commencement of tuition which elements of the assessed course work will contribute towards the final grade for the course, and which elements, if any, are compulsory. Unless otherwise stated all final exams are compulsory. Without exemption having been granted, failure to:
   (a) attend a compulsory exam; or
   (b) submit a compulsory assessment element; or
   (c) complete assessment components totalling 51 percent or more of the total assessment; or
   (d) submit an Aegrotat application;
   constitutes failure in the course, regardless of the rest of the assessment procedure, and will result in a DC for the course.

Key to Grading System

<table>
<thead>
<tr>
<th>Pass Grades</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>90–100</td>
</tr>
<tr>
<td>A</td>
<td>85–89.99</td>
</tr>
<tr>
<td>A–</td>
<td>80–84.99</td>
</tr>
<tr>
<td>B+</td>
<td>75–79.99</td>
</tr>
<tr>
<td>B</td>
<td>70–74.99</td>
</tr>
<tr>
<td>B–</td>
<td>65–69.99</td>
</tr>
<tr>
<td>C+</td>
<td>60–64.99</td>
</tr>
<tr>
<td>C</td>
<td>55–59.99</td>
</tr>
<tr>
<td>C–</td>
<td>50–54.99</td>
</tr>
<tr>
<td>AG</td>
<td>Aegrotat Pass</td>
</tr>
<tr>
<td>P</td>
<td>Ungraded Pass</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fail Grades</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>Fail</td>
</tr>
<tr>
<td>E</td>
<td>Low Fail</td>
</tr>
<tr>
<td>F</td>
<td>Ungraded Fail</td>
</tr>
<tr>
<td>DC</td>
<td>Did Not Complete</td>
</tr>
</tbody>
</table>

Other Entries

| Other Entries | |
|---------------| |
| WD            | Withdrawn without academic Penalty |
| NF            | Not finalised |
| CT            | Continuing enrolment |

Re-marking of Assessed Course work
4. Students who seek to have an assessed course work component re-marked should consult with the course coordinator to clarify the feedback and/or the mark awarded. Re-marking of course work is offered in exceptional circumstances only; the onus is on the student to justify the request. Cases based on calculation errors within the original marking of the course work should be forwarded to the course coordinator.

For coursework to be eligible for re-marking it must:
   (a) be the original work submitted for assessment together with the marker’s comments;
   (b) normally contribute at least 15 percent towards the final grade for the course;
   (c) must have been formally assessed only once previously;
   (d) be submitted within one week from the date of release of the original assessment result.

As a result of a re-mark, the grade for the course work could remain unchanged, or be amended upwards or downwards.

Students in named Doctoral degrees must refer to the Web Book for Doctoral Study for separate details of marking provisions as the above regulations do not apply to named Doctoral students. The Web Book is available on the University website at policyguide.massey.ac.nz.

Examinations in Taught Courses

Time and Venue
1. (a) The examinations conducted by the University shall be held at the places and times specified in the examination timetables published by authority of the Council.
   (b) College-administered examinations will be held in accordance with each College’s timetable and process.

Written Entry
2. (a) Students enrolled in an internal offering of a course are not required to give notice in writing of intention to present themselves for examination.
   (b) (i) Students enrolled in a distance (extramural) or block mode offering of a course are required to elect the centre where they propose to sit their examinations (from the published list of centres) when completing the Enrolment Application.
      (ii) When subsequently advising a change of address, it will be necessary to either confirm or amend the proposed examination centre. If relocating overseas, log in to Course Enrolment and update the examination venue information.

Examination Procedure
3. The examinations shall consist of such written, oral and practical examinations as the examiners may determine.
4. Candidates shall answer questions in the presence of a supervisor, who shall be appointed or approved by or on behalf of the Council, and in accordance with such detailed instructions as may be furnished by the Council.
5. Candidates must comply with the Examination Rules, copies of which are available from Assessment Services, Student Administration, and from the University website.
6. No candidate shall communicate with an examiner in regard to an examination except through Assessment Services, Student Administration or their delegate.

7. Any candidate who has a permanent disability which could be considered to adversely affect performance under ordinary examination conditions must inform Assessment Services, Student Administration, at least nine weeks prior to the commencement of the examination period and supply such documentary evidence as is required.

8. The examination scripts shall be transmitted to the examiners, who shall report the results for the course according to published dates.

9. Assessments (including major tests) and examination scripts not routinely returned to students are retained by academic departments for a period of 12 months.

**Re-marking of Examination Scripts**

10. Any student may have their examination script re-marked by the examiners, followed by a recalculation of the final grade where appropriate. Application must be made to Assessment Services, Student Administration; the following conditions must be met:

   (a) The examination must have been formally assessed only once previously.

   (b) No additional information from the student shall be placed before the examiners.

   (c) Application must be made within four weeks from the release of the official results of examinations.

   (d) Payment of the prescribed fee must accompany the application. As a result of a re-mark, the final grade could remain unchanged, or be amended upwards or downwards. The application fee will be refunded if there is a change of final grade.

**Withholding of Grades**

11. If, in the event of overseas examination, the completion of marking and assessment falls outside the normal time period, provision of final grades for awards or Academic Standing will be deferred.

12. In exceptional circumstances, the University may withhold the award of a grade in accordance with the Procedures for Withholding of Grades to allow the student to complete an outstanding component of the course regulations.

**Aegrotat/Impaired Performance Consideration**

13. Subject to these Regulations, students may apply for Aegrotat/Impaired Performance consideration, in relation to compulsory learning experiences, assessment and examination activity where such activity is at a fixed time and place as defined in the Course Guide.

**Aegrotat/Impaired Performance Applications**

(a) May only be made for assessment or examination activity which is at a fixed time and place as defined in the Course Guide. All other assessments are not eligible for Aegrotat and Impaired Performance and must be referred to the course co-ordinator for consideration.

(b) May not be made for an assessment or examination activity that constitutes less than 10% of the total assessment for a course. An alternative arrangement may be offered at the University’s discretion.

(c) May not be made on the grounds of long term illness, long term injury, or disability or learning impairment unless successful completion of the learning experience, assessment or examination activity is compromised by a temporary acute episode of impairment, or at the onset of a long term condition where diagnosis or injury occurred after the date for withdrawal with a refund in the course which is the subject of the application.

(d) May not be made under these Regulations by Doctoral candidates or students enrolled in postgraduate theses, dissertations, research reports, or project courses. Students enrolled in postgraduate theses, dissertations, research reports, and project courses, are referred to the Carry Forward of Postgraduate Enrolment regulations; Doctoral candidates are referred to the Web Book for Doctoral Study.

(e) Where made on the grounds of illness or injury must be accompanied by a certificate from a relevant approved health professional whereby the health professional must have assessed the student at the earliest practicable opportunity but no later than seven days from the date of the assessment or examination activity for which Aegrotat or Impaired Performance consideration is sought.

(f) Where made on the grounds of critical personal circumstances other than illness or injury, must be accompanied by corroborative evidence of the circumstances and where relevant, followed by a certificate from a relevant approved health professional assessing the impact the critical personal circumstance had on the student’s ability to successfully complete the learning experience, assessment or examination activity. The approved health professional must have assessed the student at the earliest practicable opportunity but no later than seven days from the date of the assessment or examination activity for which Aegrotat or Impaired Performance consideration is sought.

(g) Must be made on a Aegrotat and Impaired Performance Application form completed by the student or (in circumstances where an illness, injury, or critical personal circumstance prevents them from doing so) by their authorised representative, and received along with accompanying documents as specified under clause 13(e) or (f) no later than 14 days after the assessment activity to which the Application relates, or as otherwise recommended by the Academic Standing Hearing Committee, together with the University fee prescribed (if any) for the Application.

(h) A valid application will be submitted in the manner required, meet the conditions specified, and upon grounds that are acceptable to the University.

(i) For the avoidance of doubt, an Aegrotat or Impaired Performance consideration will not result in a passing grade for a course where the student has not completed all compulsory elements excepting the subject(s) of the Application(s), or where achievement of the learning outcomes has not been attained, or where the Academic Board or its delegate cannot be satisfied on reasonable grounds that the student would otherwise have passed the course.

**Aegrotat Consideration**

(j) Subject to clauses 13(a) to (i) above, students who have been prevented by illness, injury, or critical personal circumstances from presenting themselves at any compulsory learning experience, assessment or examination activity, where such activity is at a fixed time and place as defined in the Course Guide, may apply for Aegrotat consideration.

(k) Subject to clause 13(a) to (i) above, the Academic Board or its delegate, at its discretion may decide to award a grade or to require the student to complete the activity that is the subject of the application. The Academic Board or its delegate must have regard to the proportion and quality of the student’s course work as completed, whether the learning outcomes have been attained, and any other concessions granted. Activities required to be undertaken in accordance with this regulation must be completed prior to the end of the enrolment period as specified by the end date for the course that is the subject of the application, unless the conditions of Regulation 13(m) are met.

(l) Grades that may be awarded following an Aegrotat consideration are: a letter grade, AG pass, or DC. A passing letter grade (i.e. A+ to C-) may only be considered for award where 60% of the assessment value for a course has been completed and all compulsory elements required under the course description except the subject of the application, have been undertaken to a pass standard. An AG pass may only be considered for award where 40% of the assessment value for a course has been completed and all compulsory elements required under the course outline, except the subject of the application, have been undertaken to a pass standard.

(m) Under limited circumstances a NF (Not Finalised) may be recorded until such time as an equivalent learning experience or assessment activity takes place, which shall be no later than the next available offering of a course. This option will apply where all compulsory elements, except the subject of the application, have been undertaken to a pass standard, and less than 40% of the total assessment of the course has been completed by the student.

(n) May only be appealed once in writing to the Academic Board or its delegate (normally the Chief Examiner of the relevant College) within 4 weeks of the release of the final grade for the course.

**Impaired Performance Consideration**

(o) Subject to clauses 13(a) to (i) above, students who consider that their performance in, or preparation for, any assessment or examination activity, where such activity is at a fixed time and place as defined in the Course Guide, has been impaired due to illness, injury, or Critical Personal Circumstances may apply for Impaired Performance consideration.
MASSEY UNIVERSITY 2018 CALENDAR

Student Complaints and Grievance Procedures

Purpose
Massey University’s Student Grievance Procedures are for all domestic and international students and cover programmes including not-for-credit, undergraduate and postgraduate programmes and related services. They are designed to ensure students receive a quality education and that relations between staff and students are equitable. The Procedures can be accessed from the University’s Policy Guide at policyguide.massey.ac.nz.

Objective
To foster the fair, speedy, and informal resolution of disputes at Massey University, and an academic culture which will prevent such grievances.

Definition
A Grievance means any grievance, which a student (whether or not that person has any other role within the university) has against the University and/or a staff member because of a claim that he/she has sustained academic disadvantage. This includes claims which are sometimes referred to as Student Complaints. Such grievances may include but are not confined to:

- The unfair assessment of course work not otherwise governed by University assessment and examination regulations.

(d) The University may agree to accept part of a thesis solely in digital form, where there are tables of data or other information that are effectively appendices to the thesis.

(e) University records of the examiner’s assessment of the thesis shall be retained and disposed of in accordance with the University General Disposal Authority as required under the Public Records Act 2005. The student academic transcript shall be archived in accordance with the University General Disposal Authority as required under the Public Records Act 2005.

17. Master’s Theses
(a) A candidate whose examination includes the presentation of a thesis (≥90 credits) shall have an approved supervisor(s) before commencing work on the research. A thesis may comprise a creative work and exegesis.
(b) Before the thesis is forwarded to the examiners, the candidate, Supervisor and Head of Academic Unit shall certify that the thesis embodies original work carried out by the candidate under direct supervision.
(c) All Master’s theses shall be graded by two examiners who are independent of the research work and one of whom is external to the University.
(d) At the discretion of the examiner(s), a candidate may be examined orally on the subject of the Master’s thesis.
(e) At the discretion of the chief examiner, a failed Master’s thesis may be revised and resubmitted once and may be subject to re-examination. Following successful re-examination the candidate will not be eligible for Honours or Distinction.
(f) For the purposes of the assessment of the Master’s degree thesis a candidate shall be required to submit their thesis online or as otherwise agreed by the Chief Examiner.
(g) For Master’s theses, if the thesis has been accepted with no emendations or amendments, the student has finished. If emendations or amendments are required once the final version is approved, the supervisor shall be responsible for presenting a final digital copy of the thesis.

18. Doctoral Theses
(a) For the purposes of the assessment of the Doctoral degree thesis a candidate shall be required to submit to the Graduate Research School (if located on Manawatū Campus), or to Massey Contact (if located on Auckland or Wellington campuses), two soft-bound copies of the thesis, as well as a PDF digitalcopy. Students not located close to a campus can post or courier their theses to the Graduate Research School.
(b) Where the thesis is text-based, in part or in whole, a digital copy will also be lodged with the Graduate Research School or Massey contact at the time of submission.
(c) For Doctoral theses the candidate shall be given a receipt for the copies of the thesis by the Graduate Research School or the relevant Massey Contact office.
(d) As soon as the assessment has been completed, and the final version approved, in the case of successful candidates, the candidate or the candidate’s supervisor shall be responsible for submission to the Graduate Research School of two hard-bound copies and/or one digital copy of the thesis, as accepted under clause 16(c) and (d).
(e) For the Doctoral theses the paper and/or digital copies of the thesis must be accompanied by a declaration signed by the student stating that the paper and the digital copy are the same (subject to the provisions of clause 16(c) and (d)).
An unfair refusal or failure of the staff member to make him/herself available to assist a student with difficulties regarding his/her course work.

Unreasonable delays in the assessment of course work.

Inadequate course materials.

Inadequate teaching.

Deficient performance of associated administrative services.

**International Students**

International students must follow these procedures if they have a Grievance with the University. However, should International Students find that their Grievance is not resolved by the University, students can elect to use the iStudent Complaints Scheme set up by the Government to resolve contractual and financial disputes. Further information is available at http://www.istudent.org.nz/

**Jurisdiction**

The Student Grievance Procedures are distinct from, and may not be used with respect to, any questions relating to the following rules, regulations, statutes or procedures of the University including:

- Cases of hardship – Vice-Chancellor’s Powers.
- Disciplinary procedures.
- Harassment procedures.
- examination regulations.
- Registration regulations.
- Student fees.

**Principles of Application**

At all times the procedures will be carried out according to the following principles:

**Protection of Persons**

When a Grievance is taken to the University Grievance Committee all persons who may be affected shall have their rights protected. Persons who may need protection are:

1. The Complainant(s).
2. The Subject(s) of Complaint (Respondents).
3. Heads of Departments, Institutes and Schools.
4. Pro Vice-Chancellors (or their nominees) of Colleges.
5. Assistant Vice-Chancellors (or their nominees).
6. The University.
7. Student representatives.
8. Staff representatives.

**Statutory Protection**

The affected persons are entitled to the protection provided by:

- The Official Information Act 1982
- The Local Government Official Information and Meetings Act 1987
- The Employment Relations Act 2000
- The Human Rights Act 1993
- The Privacy Act 1993
- The Consumer Guarantees Act 1993
- The Protected Disclosures Act 2000
- The Code of Practice and Pastoral Care of International Students 2016
- Any other relevant statutes.

**Due Dispatch**

The rights of all affected persons are enhanced by a prompt investigation and resolution of the Grievance.

**Due Process**

The procedures will follow the principles of natural justice, namely:

1. Notice of any Grievance shall be given to the party/parties as soon as reasonably practicable (subject to consistency with “Time Limits” below).
2. Any persons directly adversely affected by a Grievance shall be adequately informed of the Grievance arising and be given an opportunity to respond.
3. The process for resolving the Grievance will be conducted fairly.

4. The avoidance of bias or conflict of interest.

**Time Limits**

A grievance should be brought to the attention of the University within one year of the occurrence or circumstances to which the grievance refers (Note that assessments (including major tests) and examination scripts not routinely returned to students should be retained by academic departments for a period of 12 months). Thereafter a grievance may be considered only with the consent of the Assistant Vice-Chancellor (Research, Academic and Enterprise). In deciding whether a grievance will be considered pursuant to Clause 9 of this Policy, the Assistant Vice-Chancellor (Research, Academic and Enterprise) will consider:

1. The seriousness of the alleged grievance;
2. The availability of relevant information including witnesses and documents;
3. The prejudice to any other parties; and
4. Any reasons for the delay in bringing the grievance to the attention of the University.

**Procedures**

**Step 1**

The student(s) and/or their representative approaches the staff member concerned. If the approach is in writing the staff member should acknowledge the receipt of the complaint within 7 days. If no resolution, or Step 1 is inappropriate, the student may approach the University Disputes Advisor for referral to a Mediator agreed upon by the Parties.

**Step 2**

If no resolution, or Step 1 is inappropriate, complainant approaches Head of Department/School/Institute/Section or, where the Head is the respondent or there is no settlement of the Grievance, the Pro Vice-Chancellor of the College. Students may approach their Students Association representative for support, advice and advocacy.

**Step 3**

If no resolution, complaint approaches Assistant Vice-Chancellor (Research, Academic and Enterprise) or their nominee who may, after consultation with the University Disputes Advisor, initiate the convening of the University Grievance Committee.

**Step 4**

University Grievance Committee decision, which is final and binding.

1. Students, whenever practicable, should in the first instance approach the University staff member concerned about any Grievance.
2. If the Grievance is unresolved with the staff member concerned, the student may approach the relevant Head of Department/School/Institute/Section, or where this is inappropriate, the relevant Pro Vice-Chancellor. It is anticipated that the vast majority of Grievances will be resolved at this stage. The preferred forum for grievance resolution is mediation.
3. In the absence of extraordinary circumstances, the presence of which will be determined (if necessary) by the Assistant Vice-Chancellor (Research, Academic and Enterprise), a complaint relating solely to the grade of a piece of course work will not proceed beyond the relevant Pro Vice-Chancellor.
4. The following may at any time request through the University Disputes Advisor the assistance of a University Mediator:
   (a) complainant(s); 
   (b) staff member affected; or 
   (c) Head of Department/School/Institute/Section; or 
   (d) relevant Pro Vice-Chancellor (or their nominee).
5. If a Grievance is unresolved at the Pro Vice-Chancellor level, it may be referred to the Assistant Vice-Chancellor (Research, Academic and Enterprise). The Assistant Vice-Chancellor (Research, Academic and Enterprise) or their nominee will review the case, determine that all reasonable steps for resolution have been addressed, and may then convene the University Grievance Committee. That step will not be taken unless and until the University Disputes Advisor has established that all reasonable steps to resolve the problem consensually have been attempted and exhausted.
6. The University Grievance Committee will have the responsibility of enquiring into the subject matter of the grievance and determining the outcome of the complaint. It may:
   (a) conduct that inquiry (including the hearing of the respective cases of
       the student complainant and the staff member affected) in such
       manner as, consistent with the principles of natural justice, it thinks
       fit;
   (b) receive such material relevant to the subject of the inquiry as it
       thinks fit;
   (c) meet with the parties and any other persons considered able to assist
       the inquiry.

7. The University Grievance Committee may meet with the parties separately or together. However, any material relevant to the complaint received from one party in the absence of the other must be either:
   (a) disclosed to the other party and an opportunity to comment given; or
   (b) excluded from consideration.

8. Each party will have the right to have a support person present at any meeting with the University Grievance Committee.

9. The University Grievance Committee may delegate to and authorise its chairperson to carry out such aspects of its investigatory functions as it thinks fit.

10. The University Grievance Committee will, following the inquiry, prepare a report which will be issued to the parties and contain its decision on the complaint.

11. The decision of the University Grievance Committee will be final and binding. There will be no right of further appeal or review.

12. The proceedings of the University Grievance Committee shall be private, confidential and privileged.

13. Any student with a Grievance should try and keep notes of details, including times, dates, places and keep copies of any documentation related to the Grievance.

Notes to Procedures

1. Students may in the first instance approach their Student Association representative for support, advice and advocacy. Students may either act alone or be accompanied by a representative through all steps of these Grievance procedures.

2. The complainant should also specify the remedies sought to resolve the submitted Grievance.
   (a) Outcomes arising from the procedures prior to the convening of the University Grievance Committee will be such as the parties may agree consensually. These may include but are not confined to:
      (i) a written or verbal apology;
      (ii) opportunity to receive a second opinion on assessed work;
      (iii) substitution of a higher mark;
      (iv) opportunity to resubmit an assignment;
      (v) initiation of a student feedback mechanism;
      (vi) extensions of deadlines for assignment;
      (vii) opportunity to re-sit an examination (subject to University regulations).
   (b) If the Grievance comes for resolution to the University Grievance Committee it may make such decisions and give such directions as it thinks fit.

3. If not resolved at a lower level, the Grievance must be presented in writing to the Assistant Vice-Chancellor (Research, Academic and Enterprise). The documentation provided to the University Grievance Committee should contain the following information:
   (a) the complainant’s full home address, contact phone number and student ID number;
   (b) where appropriate the title and number of the course, the name of
       the department or the name of the College in which the Grievance
       concerns;
   (c) the nature of the Grievance including the specific academic
       disadvantage claimed;
   (d) as many details regarding examples and instances of the Grievance as
       possible (e.g. dates, times);
   (e) any other relevant information.

4. On receipt of the written complaint, the University Grievance Committee shall within 14 days:
   (a) acknowledge the receipt of the complaint;
   (b) inform the parties of their right to access a representative or other
       support person if they have not already done so;
   (c) provide all relevant written documentation to the staff member(s)
       concerned for written response.

University Grievance Committee

Membership

1. The University Grievance Committee is a committee of Academic Board and shall consist of:
   (a) an independent chairperson appointed by the Vice-Chancellor in
       accordance with Note (i), who shall have both a deliberative and
       casting vote;
   (b) one staff member nominated by the Assistant Vice-Chancellor
       (Research, Academic and Enterprise);
   (c) one member nominated by the appropriate student organisation.

Note:
   (i) The independent chairperson shall in any specific case be selected
       from a panel of not less than three persons (who shall not be current
       students or staff members) of appropriate standing, qualifications and
       experience, appointed by the Vice-Chancellor.
   (ii) Members of this panel shall be appointed annually by the Vice-
       Chancellor, upon the recommendation of the Chair of Academic
       Board following consultation. Members shall be eligible for
       reappointment. The independent chairpersons shall sit in rotation.
   (iii) Members of the University Grievance Committee shall operate
       independently and impartially and not as representatives of those
       responsible for appointing, nominating or electing them.

Powers

2. The Committee, subject to compliance with the principles of natural justice, shall:
   (a) (i) determine the conduct of its own procedures; and
       (ii) receive such information, as it considers relevant to the
           Grievance.
   (b) receive and investigate Grievances at all Massey University
       campuses and through all modes of delivery of academic
       programmes;
   (c) make decisions relating to Grievances;
   (d) report annually to the Vice-Chancellor through Academic Board on
       the nature of Grievances and policy issues that have risen during the
       year.
Planning a Programme of Study

University programmes exist inside a regulatory framework with all degrees, diplomas and certificates having a set structure. Some programmes are tightly circumscribed in terms of the courses that must be included, while others offer a great deal of flexibility.

The University has a detailed set of Regulations for each qualification that specify the number of credits allotted to courses that must be selected. Typically there is a core area of specialisation (the major, minor, subject, or the endorsement) as well as a number of associated courses that may be taken from other areas. When enrolling in a programme of study, students must keep in mind not only the number of credits but also the combination of credits and courses necessary to complete the requirements for their particular qualification.

There may also be requirements to be observed at a course level, namely prerequisites (courses that must be completed to a defined standard before enrolment in another course is confirmed), corequisites (courses that must be attempted in the same semester as another course unless the corequisite course has previously been passed) and restrictions (where courses are similar in content and therefore students may not count both courses to a qualification). Professional programmes will also have required practical components that must be met.

The University Calendar remains the definitive document for all Qualification Regulations. Students are encouraged to seek advice to ensure they plan their programme of study well.

Semesters

The Massey University academic year is divided into distinct enrolment periods, which are Semester One, Semester Two and Summer School. Semesters One and Two consist of twelve teaching weeks and conclude with their own examination periods. In addition, a longer enrolment period, the Double Semester, parallels Semesters One and Two with an examination period at the end of Semester Two. Summer School comprises a condensed study period – November to February, including an examination period – and includes a limited number of offerings. Planning for enrolment in summer school courses should take into account workload considerations where students intend to enrol in more than one course.

A winter break of three weeks is normally scheduled between the Semester One examination period and the start of Semester Two. Within Semester One, a two-week mid-semester break is linked to the Easter holiday break. Within Semester Two, there is a two-week mid-semester break.

Some programmes and courses do not conform to these standard semester periods and therefore have different start and end dates. Professional programmes in particular may have a longer instructional year to accommodate practical requirements.

The Credits System

Every course has a credit value that indicates its contribution to the qualification enrolled for (or to any other qualification to which that course can contribute). These values have been derived on the basis of an equivalent full-time year for a degree being 120 credits.

The credit value also gives an indication of the total amount of time that a student might reasonably expect to have to spend on each course in order to satisfactorily complete the assessment requirements (including lecturer and tutor contact hours, workshops and tutorials, tests and assignments, supervised practical placements, study time). Converted into a number of hours per week, this is referred to as the effective weekly hours for the course.

The total hours required for the course can be calculated at 10 hours per credit, or 150 effective hours for a 15 credit course. The weekly hours for a course will depend on the number of weeks over which it is intended to spread the study programme during the year. For example, over 15 weeks (the number per semester) an average total commitment of 10 effective hours per week is required for a 15 credit course. The Course Guide provided for each course should indicate the effective weekly hours and how these might typically be spent.

All undergraduate and taught postgraduate courses (with the exception of a small number of courses) have a 15-credit value or multiples thereof.

Enrolment Regulations

1. Enrolment at Massey University requires completion of admission to the University, admission to a specific qualification, and enrolment in a programme.
2. Every applicant must complete enrolment requirements which include submission of an Admission Application, written acceptance of any Offer of Place in a qualification (unless waived in writing by the University), submission of an Enrolment Application and acceptance of any Offer of Enrolment. Applicants returning to enrol in the same qualification submit an Enrolment Application and accept an Offer of Enrolment each academic year.
3. Applicants who wish to study full-time ought to apply to enrol for 120 credits of study in an academic year.
4. Massey University has an on-line system for admission and enrolment. A paper-based enrolment system will be used which comprises the same steps as the on-line system when the on-line system is inoperative for any reason or in other special circumstances as permitted by the Assistant Vice-Chancellor and Registrar.
Due Date for Admission and Enrolment Applications

5. Generally, all applicants are expected to submit their Applications so that they are received by the University on or before the due date. For most students the due dates for 2018 are as listed below:

Due dates for admission applications

<table>
<thead>
<tr>
<th>New and Returning Applicants applying for a new qualification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester One/ Double Semester</strong></td>
</tr>
<tr>
<td>Tuesday 31 October 2017 (International students)</td>
</tr>
<tr>
<td>Friday 26 January 2018 (Domestic and returning International students)</td>
</tr>
<tr>
<td><strong>Semester Two</strong></td>
</tr>
<tr>
<td>Tuesday 1 May 2018 (International and returning International Students)</td>
</tr>
<tr>
<td>Monday 18 June 2018 (Domestic students)</td>
</tr>
<tr>
<td><strong>Summer School</strong></td>
</tr>
<tr>
<td>Friday 2 November 2018 (International and Domestic students)</td>
</tr>
</tbody>
</table>

Due dates for enrolment into courses

<table>
<thead>
<tr>
<th>All Applicants</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester One/ Double Semester</strong></td>
</tr>
<tr>
<td>Monday 12 February 2018 (Domestic and International students)</td>
</tr>
<tr>
<td><strong>Semester Two</strong></td>
</tr>
<tr>
<td>Monday 18 June 2018 (Domestic and International students)</td>
</tr>
<tr>
<td><strong>Summer School</strong></td>
</tr>
<tr>
<td>Wednesday 7 November 2018</td>
</tr>
</tbody>
</table>

6. Some qualifications require applicants to apply in advance of the standard due dates for selection and some courses do not follow standard semester dates. The relevant enrolment dates for these qualifications and courses are available from enrolment material on the University website or by contacting the University.

7. Doctoral candidates need to submit Admission Applications to study a doctoral programme, accept any Offer of Place in a doctoral programme, submit their Enrolment Applications and accept any Offer of Enrolment, within three weeks of the commencement date specified by the Doctoral Research Committee. Candidates will need to enrol for each successive year by submitting their Enrolment Applications, accepting any Offer of Enrolment and receive a Confirmation of Enrolment. Details of fees will be available each year before enrolment is completed.

Final Dates

8. Addition or Substitution of Course(s):

(a) Enrolled students may, at the University’s discretion, be permitted to add or substitute courses. If students also wish to apply for admission to a graduate or postgraduate level qualification they must apply by the dates given in Enrolment Regulation 5 or, for Doctoral students, by the dates in the Web Book for Doctoral Study;

(b) Except where stated otherwise in programme material, any applications for adding or substituting courses must be received by the University no later than the dates below, which are the first Friday of the semester for internal courses, or Wednesday prior to semester start for distance (extramural) and block courses;

(c) For information about withdrawal from courses see Enrolment Regulations 28 to 34. Dates for applying to add or substitute courses in 2018 are:

<table>
<thead>
<tr>
<th>For Courses in</th>
<th>Adding a Course in Distance (extramural) or Block Mode</th>
<th>Adding a Course in Internal Mode</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester One/Doube Semester</strong></td>
<td>Friday 2 March 2018</td>
<td>Friday 2 March 2018</td>
</tr>
<tr>
<td><strong>Semester Two</strong></td>
<td>Friday 20 July 2018</td>
<td>Friday 20 July 2018</td>
</tr>
<tr>
<td><strong>Summer School</strong></td>
<td>Friday 23 November 2018</td>
<td>Friday 23 November 2018</td>
</tr>
</tbody>
</table>

Note: Some courses do not follow standard semester dates and students seeking to add courses should refer to programme material, the University website or contact the University for due dates.

Limitation of Student Numbers

9. The University Council (by its delegate) may limit the number of students enrolled in any programme each year because of insufficiency of staff, accommodation or equipment. Accordingly, where the number of applicants for the programme exceeds the number of places available, then Massey University will select from the applicants those students who may be enrolled in the programme each year.

Late Enrolment

10. When the number of applicants exceeds the places available, applications received on or before the due date will be given priority over those received after the due date but before selection decisions are made.

Where applications are considered to be of equal merit, those received first will have preference.

11. Where Enrolment Applications are received after the due date, the University may, at its discretion, after a Late Enrolment Appeal process, consider approving a late enrolment. This will normally be no later than four weeks after Enrolment Applications are due and usually before selection decisions are made (if any).

12. Applicants may only submit a Late Enrolment Appeal when the Enrolment Applications were received after the relevant due date, and where applicants have experienced exceptional personal circumstances or believe that refusal of enrolment will cause undue hardship or in other circumstances at the discretion of the University. Where relevant, the Late Enrolment Appeal application must be supported by evidence of the circumstances involved. When a Late Enrolment Appeal is made for a programme where numbers are limited, all applicants that were not selected are considered with the late application. Even where exceptional circumstances exist, or refusal of enrolment will cause undue hardship, late enrolments will not be approved if, in the Assistant Vice-Chancellor and Registrar’s view, they cannot be resourced adequately or in a timely manner.

Completion of Enrolment

13. After acceptance of the Offer of Place in a qualification, students are required to select courses for their programme(s) by submitting an Enrolment Application. Even when that selection is made the University may not permit the student to study the course(s) selected but the University may require the student to select course(s) that they can study.

14. The University assesses the Enrolment Application in relation to its regulations, capacity to provide tuition and its other requirements. The University may only approve those parts of the application that can be assessed as complying with course regulations and otherwise meeting its requirements.

15. Each applicant will be informed of the outcome of his or her Enrolment Application by either a written Offer of Enrolment or, when the applicant’s selected courses do not meet University requirements, a response in writing. The Offer of Enrolment will advise applicants of the programme(s), qualification(s) and course(s) (if any) that they may study, the terms of their agreement with Massey University and provide instructions on how to respond. Applicants are required to submit to the University acceptance of the Offer of Enrolment, and the University must receive it, by the due dates specified in the Offer of Enrolment in the manner required, unless this requirement is waived or varied by written notice by the University. On accepting the Offer of Enrolment, students agree to pay the tuition fees and non-tuition fees and agree to the terms of their enrolment.

16. The Offer of Enrolment may be subject to conditions which conditions are inserted for the sole benefit of the University and may be waived by the University by written notice. When the University receives the acceptance of the Offer of Enrolment, the University and the student have a contractual relationship. When the Offer of Enrolment is subject to conditions those conditions must be satisfied or waived by the University, by written notice, or the contract is at an end.

17. A Confirmation of Enrolment is issued by the University to the student when the Offer of Enrolment is accepted and is unconditional or when there are no conditions to be satisfied. Within a defined period following the acceptance of the Offer of Enrolment by the student, and the issue of a Confirmation of Enrolment by the University, the student may propose changes to the programme (e.g. by adding or substituting courses) by submitting a further Enrolment Application. If the University agrees to the changes proposed by the student, any such changes are recorded and a new Offer of Enrolment is generated, which offer of enrolment must be accepted and a new Confirmation of Enrolment is issued.

18. The dates for Students to add or substitute courses are given in Enrolment Regulation 5. The dates and manner for students to withdraw from courses are given in Enrolment Regulations 28–34. When a student has received a Confirmation of Enrolment but then does not pay tuition fees or non-tuition fees, or does not meet the requisites for one or more courses, the University may, in writing, cancel that student’s enrolment in a course or programme at the University. Cancellation of enrolment means the person is still liable to pay the University tuition fees and non-tuition fees unless cancellation is during the period students are eligible for a tuition fees refund. If the University cancels a person’s enrolment in all courses in an academic year, during the period students are eligible for a tuition fees refund, a withdrawal fee is payable.
Mixed Delivery Modes
19. Applicants may apply to be enrolled simultaneously in courses offered in different delivery modes. Such applications are subject to the usual provisions of the General Regulations governing Admission, Enrolment and Examinations.

20. In exceptional circumstances applicants may apply to be enrolled in the internal mode while not attending regularly scheduled classes on campus. All such applications are subject to approval of Academic Board (through the Pro Vice-Chancellor of the relevant College). In giving approval, the Pro Vice-Chancellor shall ascertain that appropriate arrangements have been made for tuition or supervision and for the provision of services required to enable the applicant to undertake the study with a reasonable likelihood of success. Except as set out in this Regulation, students must abide by the conditions applying to the particular mode in which each course is offered.

Concurrent Programmes
21. Students normally enrol for a single programme of study. With the approval of Academic Board (through the Pro Vice-Chancellor of the relevant College), it is possible to enrol concurrently in courses for credit to a second programme of study.

Concurrent Enrolment
22. Students who wish to be concurrently enrolled at Massey University and another New Zealand University must obtain prior approval of both institutions. Applications must be made in writing to the Pro Vice-Chancellor’s office of the relevant College as well as the other institution.

23. Normally enrolment is for credit to a Massey University qualification. Students intending to complete a qualification from another New Zealand tertiary institution may apply to be enrolled in courses taught extramurally at Massey University for credit to the other institution’s qualification.

24. Permission to credit specific courses to the qualification must be obtained from the institution offering the qualification. This permission can be sought at any time prior to enrolment. Enrolment by Massey University does not mean that courses will be credited by another institution to its qualifications.

Approval
25. The personal programme of every applicant shall require the approval of the Council of the University or its delegate. This is exercised as part of the administrative procedures at enrolment. Approval will normally be granted for study in accordance with the programme regulations. Students’ progress to completion will be assessed under the current year of regulations unless a transition pathway for the student is defined. For general provisions affecting their programme, students are referred to the General Regulations governing Matriculation, Enrolment and Examinations.

26. Students who propose to change from one programme to another ought to contact the University to determine which of the courses they have passed may be credited to the new programme before they submit Admission Applications or Enrolment Applications. Students applying for loans and/or allowances should contact StudyLink to check their eligibility for assistance.

27. Enrolment in a programme at Massey University requires:
   (a) approval of admission to the University and to the qualification by the Council of the University (or its delegate) (this includes applicants not being of bad character, no misconduct or breach of discipline, and sufficient progress in study);
   (b) assurance from the relevant academic unit that the financial, human and physical resources relevant to the proposed programme are available; and
   (c) enrolment in courses that meet the academic requirements of the qualification.

Withdrawal
28. Withdrawals may only be notified by students using the online enrolment facility accessible from the University website or, as an exception, by written notification of withdrawal received by the University. Doctoral students must advise the Graduate Research School of their intention to withdraw on the appropriate form. The date of withdrawal is deemed to be the date on which the notice of withdrawal is received by the University. All extramural students are required to return their study materials to the University.

29. When the University receives written notification of withdrawal from course(s), comprising part but not all of a student’s programme(s) for the year, before 10 percent of the study period has elapsed for the courses concerned (as defined by the course start and end dates), the student will be eligible to receive a refund of tuition fees paid for the courses concerned and no academic penalty shall apply. Students will not receive a refund of non-tuition fees paid, and are still required to pay non-tuition fees, but non-tuition fees may be reduced subject to the number of credits remaining in the student’s programme.

30. When the University receives written notification of withdrawal from course(s), comprising all of a student’s programme(s) for the year, before 10 percent of the study period has elapsed for all course(s) (measured from course start date), the student will be eligible to receive a refund of tuition fees and non-tuition fees paid and no academic penalty shall apply. A withdrawal fee is still payable and will be deducted from any refund.

31. When the University receives written notification of withdrawal from a course(s) after 10 percent of the study period has elapsed but before 75 percent of the study period has elapsed for the course(s) concerned (as defined by the course start and end dates) the student shall be withdrawn without academic penalty but will remain liable to pay all University prescribed fees and will not be entitled to a refund.

32. When the University receives written notification of withdrawal from a course(s) after 75 percent of the study period has elapsed for the course(s) concerned (as defined by the course start and end dates) the student shall be withdrawn with academic penalty and remain liable to pay all University prescribed fees and will not be entitled to a refund.

33. Students who do not attend a course, where they have accepted an Offer of Enrolment and where they have received a Confirmation of Enrolment, will be liable to pay all fees prescribed by the University and are not entitled to any tuition fee refund for that course unless the correct withdrawal procedures are followed and unless the University receives notice of withdrawal before 10 percent of the study period has elapsed (as defined by the course start and end dates).

34. Withdrawal after 75 percent of the study period is termed ‘withdrawal with academic failure’. The academic record will therefore show DC (Did Not Complete). Repeated DC or academic failure in the same course may result in the University refusing to enrol that person in the course again. Refusal is notified to the student concerned in writing after first giving the Applicant an opportunity to be heard. Students remain eligible to apply to re-enrol in the future.

Fee Appeals
35. The University recognises that Exceptional Personal Circumstances may arise that make it impossible for a student to continue with his or her study. Where such circumstances arise after the date by which students may withdraw from study with a refund, the University may, at its sole discretion, consider alternative arrangements.

36. Students are eligible to submit a Fee Appeal who have experienced exceptional personal circumstances, and have already withdrawn from the course(s) in question prior to the examination, or as otherwise recommended by the Academic Standing Hearings Committee. Where relevant, the Fee Appeal application must be supported by documented evidence of the exceptional circumstances. Whether a refund or partial refund is granted is determined by the University following the Fee Appeal process.

37. The University may, at its discretion, defer a student’s study in a course(s) from one period to another.

Carry Forward of Postgraduate Enrolment
38. Postgraduate students enrolled in theses, dissertations, research reports, or project courses (other than for Doctoral degrees), may apply to carry forward their enrolment into the enrolment period immediately following the enrolment period where the student paid tuition fees in order to complete the requirements of a thesis, dissertation, research report, or project course, where one of the following conditions applies:
   (a) exceptional personal circumstances arise that prevent a student from completing the requirements of a thesis, dissertation, research report, or project course within the relevant enrolment period;
   (b) a thesis, dissertation, research report, or project course is being undertaken on a part-time basis and completion within the relevant enrolment period is not possible. The part-time classification must be established at enrolment;
   (c) the start date of the thesis, dissertation, research report, or project course has been approved to be different from the start date of the
first or only such course. This does not apply to thesis courses of 90 or 120 credits; or

(d) unanticipated problems with the conduct of research or with supervision or support which are beyond the control of the student.

39. Applications for Carry Forward of Postgraduate Enrolment with exceptional personal circumstances are subject to approval by the Pro Vice-Chancellor. No further tuition fees are due for the enrolment period in which Postgraduate Enrolment is carried forward. An application fee is payable at the time that the application is made. An application will only be approved where the Pro Vice-Chancellor is satisfied the student has been making satisfactory progress.

Enrolment of School Students

40. Students who are enrolled for full-time instruction in a secondary school may, in conjunction with their school be permitted to study concurrently at the University. All such enrolments must be approved by the secondary school involved. The following conditions apply:

(a) Students who have met the requirements for matriculation may be admitted to a qualification and permitted to enrol in a course or courses in accordance with the Qualification Regulations.

(b) Students who have not met the requirements for matriculation may be permitted to enrol in courses up to a maximum of 30 credits in an academic year, of which not more than 22.5 may be taken in a single semester, in accordance with the Certificate of Proficiency Regulations.

(c) Students allowed to enrol in courses under Regulation 40(b) must matriculate before they are formally admitted to a university. When they have matriculated they may apply to credit to a qualification courses passed under this Regulation.

Enrolment of International Students

41. Massey University has agreed to observe and be bound by the Education (Pastoral Care of International Students) Code of Practice published by the New Zealand Qualifications Authority. Copies of the Code are available on request or from the New Zealand Qualifications Authority website at http://www.nzqa.govt.nz/providers-partners/caring-for-international-students/

42. International students must have appropriate and current insurances specified by the University from time to time in accordance with the Code while studying in New Zealand.

43. Prior to enrolment, international students must hold a valid visa which entitles them to study at Massey University.

Persons Resident Outside New Zealand Enrolling for Distance (Extramural) Study

44 New Zealand citizens residing outside New Zealand are entitled to pay domestic fees provided they are enrolled:

(a) in a course(s) leading to the award of a recognised qualification offered by a New Zealand Tertiary Education Organisation (TEO); and

(b) at a New Zealand campus of a New Zealand TEO.

45. New Zealand permanent residents and Australian citizens living outside New Zealand who are enrolled for tuition must pay fees at the rate for international students. A residency visa enables a person to be classified as a domestic student only while living in New Zealand. Obtaining a Returning Resident’s Visa prior to leaving New Zealand entitles a person only to re-enter New Zealand and to be granted a Residence Visa on arrival; it does not influence the person’s status while outside New Zealand. For entitlement and fees payment purposes, the person’s status remains as an international student.

46. Distance (extramural) enrolment may be permitted for applicants living outside New Zealand who are not New Zealand citizens. The process for setting tuition fees due for such enrolments are the same as for other international full fee-paying students studying at Massey University. Enrolment in international off-shore distance (extramural) programmes may be subject to special terms and conditions as determined and approved by Academic Board. Particular programmes of study and courses may have an attendance or contact workshop requirement which has a face-to-face dimension. Approval of offshore distance (extramural) education initiatives are subject to the requirements of the University’s Policy relating to the International Delivery of Qualifications.

Note: Enrolment by distance (extramural) education will not normally be approved for citizens of the People’s Republic of China in order to ensure degree recognition. Any exception requires approval by the Pro Vice-Chancellor (or nominee) of the College responsible for the student’s programme of study.

International Students Resident in New Zealand Enrolling for Distance (Extramural) Study

47. Restricted distance (extramural) enrolment may be permitted for students residing in New Zealand who are not citizens or permanent residents of New Zealand. Such students will be required to hold an appropriate visa that permits study and will pay international student fees.

Note: Enrolment by distance (extramural) education for citizens of the People’s Republic of China requires special approval in order to ensure that students are fully informed of issues related to degree recognition. Approval is granted by the Pro Vice-Chancellor (or delegate) of the College responsible for the programme.

Maximum Student Workload

48. Subject to the student’s Academic Standing:

(a) The maximum credits students may take in Semester One, Semester Two and the Double Semester shall not exceed 150 credits. Students shall not enrol in more than 60 credits for Summer School. Students shall not enrol in more than 180 credits in an academic year;

(b) Credits for double semester courses are assigned in equal parts per semester; and

(c) Applicants shall not enrol in the same year for more than two distinct programmes of study for degrees and diplomas.

Certificate of Proficiency Regulations

1. An applicant who intends to register for tuition without fulfilling the requirements of a full programme leading to a Massey University qualification may be permitted to enrol for no more than 30 credits per year on a Certificate of Proficiency basis, unless applicants are International students attending the University under a Study Abroad or Student Exchange agreement in which case a higher workload may be required.

2. Except as permitted by the Enrolment of School Students regulation, applicants are required to satisfy Regulation 1 of the Matriculation Regulations.

3. Applicants for a Certificate of Proficiency shall pay fees, complete compulsory requirements and give notice of their intention to enter for examinations, where appropriate, as if they were proceeding to a degree, diploma or certificate. The Enrolment and Examination Regulations shall apply to such candidates.

Approval of Course

4. The personal course of study of every applicant for a Certificate of Proficiency shall require the approval of the Academic Board. Normally approval is exercised as part of the enrolment process.

Status of Certificate of Proficiency Pass

5. A student who has passed in a course for a Certificate of Proficiency may at a later date have the course credited towards a degree or diploma provided that the necessary conditions for the course as a part of the degree or diploma were fulfilled at the time when the course was passed for a Certificate of Proficiency.

Aligned Resource Management

In keeping with principles of sound management, Massey University wishes to ensure that it can adequately resource the programmes of study it offers. Accordingly, the University reserves the right under Section 224(5) of the Education Act (1989) to control the number of enrolments it will accept in any programme. The number of places to be funded in any programme and the criteria for student selection will be available on application from Student Administration prior to each enrolment period. Every endeavour will be made to meet the academic needs of students where this does not prejudice the proper presentation or the academic standing of a programme.
Conferment and Graduation Regulations

1. Any person wishing to have a degree conferred or a diploma presented at the annual graduation ceremonies must make application in the year of the ceremony not later than 1 February for Auckland ceremonies, 1 March for the May ceremonies at Manawatū and Wellington, and 1 September for the November ceremonies in Manawatū. Applications should be submitted to the University on time; late applications will only be considered in exceptional circumstances.

2. Any person who has completed the qualifications for a degree, diploma or certificate, who does not wish to attend a graduation ceremony in person, may at any time apply to have the degree, diploma or certificate conferred 'in Council' at the next appropriate meeting of Academic Board.

3. The University may initiate the award of a qualification by issuing a notification to the student of the intent to award that qualification. The student has 30 days to respond to the notification of intent to award the qualification or they will be recommended for an award ‘in Council’ at the next opportunity.

4. Students who have met all the requirements for a qualification for which they have not enrolled may be awarded that qualification. The qualification must be approved for teaching in the year in which they apply to graduate.

University Fee Regulations

Fees Payment Regulations

1. Tuition fees and non-tuition fees are subject to annual adjustment by the University Council and the student agrees to pay the tuition fees and non-tuition fees as set each year. Tuition and non-tuition fees are calculated on an academic year basis not by enrolment period. Where a student’s study spans two academic years, e.g. student enrols for Semester Two and later enrolls for Semester One of the following academic year, the student will be liable for the tuition and non-tuition fees as set for each academic year.

2. All University fees are payable upon the University issuing a Confirmation of Enrolment and before the start of study, or earlier if required by the University and specified in an Offer of Enrolment. All monies received by the University are banked immediately for security reasons. Each student’s fee account will remain in credit for any amount tendered in payment for University fees until their programme has received academic approval.

3. Unless otherwise advised in writing by the University, students must pay all University fees to the University directly and not to any recruitment agent or other party. For international transactions there may be a bank fee charged which is payable by the student.

4. Students who enrol at the same time for courses in more than one enrolment period (for example, Semester One and Semester Two) may, at the time of their Enrolment Application in the first period, elect to defer payment of tuition fees for the later period (for example Semester Two).

5. Students who are paying all or part of their fees by direct credit through the Student Loans Scheme are not able to defer payment. Payment of University fees inclusive of tuition fees, non-tuition fees plus student association fees (if any) for the full year will be made on approval of their loan application. When student loans are declined in full or in part students are still required to pay all fees.

6. Enrolment may proceed in advance of receipt of fee payment in circumstances that:
   (a) the fees due are to be paid from a student loan but if a student loan is not approved in full or in part then the student must pay the fees;
   (b) the fees due are to be paid on behalf of the student by a sponsor. A sponsor is normally an employer or a training body, a government agency or a trust or Iwi authority. When the University fees are not paid by the specified due date on behalf of the student, the student must pay all University fees; or
   (c) the student would suffer unreasonable hardship by being required to pay fees before enrolment period start date.

   It is not possible to pay fees by deduction from Student Allowance payments.

7. Application to add courses after the original Enrolment Application has been lodged must be accompanied by the additional tuition fees estimated or determined to be due. If the student has accepted an Offer of Enrolment and then wants to add courses or substitute courses, if the University agrees then a new Offer of Enrolment is generated and must be accepted and a Confirmation of Enrolment issued.

8. Students who withdraw from a particular course or all or part of their programme after the final withdrawal date for a tuition fee refund, shall remain liable for the fees assessed for the withdrawn course(s).

9. Delivery of any services or teaching material does not, in itself, constitute an undertaking by the University that a student’s enrolment for tuition will be continued if fee payment is not completed. The University may, at the University’s option, cancel the student’s enrolment if any of the University fees are not received. If cancellation occurs after the final withdrawal date for a refund then all University fees are payable.

10. Invoices will be issued on confirmation of enrolment and when changes are made to enrolment to all students. A Statement of Account will be available to all students which will present the current status of an account. When any fees are 60 days or more overdue the University may, at the University’s option cancel the enrolment of the student or suspend the enrolment. Suspension means that students:
   (a) no longer have access to certain University facilities;
   (b) will not receive grades for courses;
   (c) will not have access to their academic records; and
   (d) may not re-enrol at Massey University until the fees due have been paid in full.

   Cancellation means the person concerned is no longer a student at Massey University and has no right to engage in any courses and no privileges afforded to students. Even when enrolment is cancelled or suspended, all fees owing to the University must be paid.

11. Refund of tuition fees shall be made to students who withdraw in the manner required from their course(s) before 10 percent of the study period has elapsed as defined by the course start and end dates (see Enrolment Regulations). Students who withdraw from all of their study at Massey University within the time and in the manner required to obtain a tuition fees refund must pay a withdrawal fee. Commission paid by Massey University to agents for international students will also be deducted from any refund in respect of the courses withdrawn from. Note that Doctoral students are subject to different fee refund provisions. International students studying in New Zealand must have attained permanent residence in New Zealand or Australia before the course has started to be eligible for domestic tuition fees. Students must present evidence prior to the end of the relevant enrolment period for Semester One and Two enrolments, or prior to the close of business in December for those students enrolled in Summer School.

   Refunds due for overpayment of fees or in the event of withdrawal with a refund of tuition fees are made as soon as possible once enrolments and financial support provisions have been established for a particular study period. In any case, where a specific request is made for a refund that has been approved, such refund will be made within 28 days. If the refund cannot be made a written statement shall be provided to the student as to why the refund cannot be made, together with a date by which the refund shall be made.

   Withdrawal by the University: if the University withdraws a student from a course after 16 percent of the study period, the student is eligible for a refund. If they have paid fees, they will be refunded.

12. Massey University accepts no liability to pay interest or other consideration in respect of monies held in full or part payment of University fees and is not liable to the student or anyone else for exchange rate movement, conversion charges, bank fees, or fees paid to recruitment or immigration agents. This also includes charges incurred by students through Studylink.

13. Partial refunds are normally made directly to the student who is enrolled. Any sponsored student to whom a partial refund is made shall be responsible for reimbursing any other party (such as a sponsor or government agency) who has paid fees on their behalf. However, where practicable, partial refunds will be made direct to the government agency responsible for any fees paid where the University is party to such an agreement.
When international students withdraw from their programme of study at Massey University, in the manner required, before 10 percent of the study period has elapsed, and cannot provide evidence of a long term visa to remain in New Zealand, partial refunds will be made to a bank account in the student’s home country, as nominated by the student. Where students withdraw from Massey University and enrol at another institution in New Zealand, partial refunds will be made directly to the relevant institution.

In the case of students who are deceased, partial refunds, where applicable, are made to the estate of the person concerned, care of the next of kin as notified to the University.

14. Where students are enrolled principally because of an agreement between Massey University and another entity the payment and refund of fees will be governed by that other agreement.

PhD Doctoral Students

15. (a) Fees for PhD candidates are due on initial enrolment pro-rated to the end of the academic year in which they are commencing (i.e. based on EFTS consumption), with fees invoiced each academic year for subsequent years. Fees for any period of suspension or extension will be calculated at the time of application for extension or suspension. Applications for suspension will receive a credit for the period of suspension in the next academic year.

(b) Candidates will be charged in line with their EFTS consumption pro-rated for the calendar year. Full-time candidates will be charged for one EFT per full year. Part-time candidates will be charged at the applicable rate (currently 0.6666) each academic year.

(c) Candidates undertaking Named Doctorate programmes are required to pay their course work, practicum, internship, tuition and thesis fees as required by each programme.

(d) Candidates who have had their oral examination and are required to complete further work on their thesis and be re-examined, will be re-enrolled, and must pay the full tuition fee for the duration of the re-examination period until re-submission of the thesis. Provisions in clause 15(d) will apply from the date the candidate is notified of the required further work.

Postgraduate Students

16. (a) Masters students pay tuition fees for the actual credits/courses for which they are enrolled each year. Fees do not maximise at 1.0 EFTS (120 credits).

(b) Unless otherwise arranged at the time of the enrolment, when theses, dissertations, research reports, or project courses are not submitted by the end date of the course, the student must re-enrol for the next enrolment period and pay tuition fees.

(c) In the case of a thesis course, a one-month extension may be granted without penalty.

(d) If a student qualifies for Carry Forward of Postgraduate Enrolment, they will be re-enrolled but are not required to pay fees.

(e) These regulations do not apply to Doctoral students.

Fee Grandparenting Regulations

17. Council may at its discretion grandparent fees for any group of students. Fee grandparenting means that tuition fees will be held at the same level as that set for the programme of study concerned at the time Council grandparents fees. Fee grandparenting will apply for the period set by Council.

Students’ Association Fee Regulations

18. Students may elect to join a Student Association. Annual subscriptions, if any, can be paid directly to the Student Association at any time during the academic year (unless otherwise advised).

Halls of Residence Fees Regulations

1. Resident students shall pay accommodation fees at the prescribed rates.
2. Accommodation Fees for each semester shall be paid as scheduled.
3. Any resident student whose accommodation fees are not paid by the due date may be debarred from residence unless special arrangement has been made with the Accommodation Services Office. A penalty fee shall be added to any outstanding accommodation fees, which will also jeopardise the receipt of University examination results and could result in debt collection proceedings being taken.
4. Any resident student intending to withdraw from study will be required to withdraw from University accommodation. Application forms for release from University student accommodation are available from Accommodation Services.

Financial Support

Student Allowances and Loans are administered and paid by StudyLink. Student Allowances and Loans can be applied for online: www.studylink.govt.nz

Scholarships

Details on the scholarships available from Massey University are published on the Internet: http://awards.massey.ac.nz/

Further information is available from Massey Contact at each campus or telephone 0800 MASSEY.
The qualification awarded to a person who has completed a concerned.

A status which reflects a student's academic performance in the preceding period(s) of enrolment. Commencing with a neutral status, at the end of an academic period a student's academic status may remain unchanged, step up or step down in accordance with criteria specified in the Academic Progress Regulations. Academic Standing provides a transparent system allowing students to understand how their progress is viewed by the University. It enables and supports proactive, targeted academic performance-related interventions and recognition.

A School, Institute or Department responsible for teaching a particular discipline or disciplines.

An academic year at Massey University comprises two semesters – Semester One and Semester Two – and a Summer School. Where a course spans Semesters One and Two, this is referred to as Double Semester. Study within an academic year commences on the first Monday of Semester One and concludes at the end of the examinations at the end of Summer School. The starting date for Semester One for most qualifications begins late February although some qualifications have earlier start dates.

The right to study at the University. Admission criteria and processes depend on the student's educational history, age and the programme specified. "Enrolment" in a programme means the student was, by implication, admitted to study at the University. Admission to the University and admission to a qualification are separate processes however they may be conducted concurrently.

The application to be admitted to the University and to a specific qualification.

Admission with Equivalent Status

Admission with Equivalent Status (AES) is an entry opportunity for candidates who wish to study for a degree, diploma, or certificate but do not have the entry qualification required. AES at entrance level is required by students who are under 20 years of age and do not have the standard qualifications for entrance to a university in New Zealand. AES with graduate status to postgraduate qualifications is granted on the basis of completed academic work that substantially corresponds to course work in this University. Candidates may be granted "AES with graduate status" to graduate qualifications on the basis of practical/professional experience equivalent to that of a graduate in an area relevant to the qualification. "AES with graduate status" is only granted to the specific qualification considered, i.e. it is not transferable.

A reconsideration of the outcome of an assessment or examination that may be made when a student, due to illness, injury, or Critical Personal Circumstances is unable to attend a compulsory learning experience, assessment or examination activity, where such activity is at a fixed time and place as defined in the Course Guide.

Health professionals approved by Massey University include: Counsellors who are members of the New Zealand Association of Counsellors, Psychotherapists who are members of the New Zealand Association of Psychotherapists, Registered Dentists and Dental Specialists, Registered Medical Practitioners, Registered Nurses, Registered Midwives, Registered Physiotherapists, Registered Psychologists, Registered Specialist Medical Practitioners, Registered Social Workers or Social Workers who are members of the Aotearoa New Zealand Association of Social Workers, or are members of the overseas equivalent bodies to the preceding list, are registered and hold a current practicing certificate. Other health professionals may be approved by Massey University by its Academic Board or its delegates.

The process of judging how effectively learning is occurring through a process of generating and collecting evidence of a student's attainment of knowledge and skills, and comparing that evidence against the assessment criteria.

Statements that describe how student performance in relation to the stated learning outcomes will be recognised.

The qualification awarded to a person who has completed a university undergraduate degree.

University study undertaken on campus (or at an off-campus location) via face-to-face delivery compressed over one or more specific periods during the enrolment period. This mode may include online learning and the use of digital resources.

The official University publication that outlines the primary statutes, primary rules, primary regulations, and definitions of the University, along with information about the University. The University Calendar is printed annually, may be updated during the year by amendments published online and pertains to the stated academic year. For the current and archived Calendars refer to calendar.massey.ac.nz.

The process that enables students undertaking a research degree, other than a doctoral degree, to carry forward their enrolment into the enrolment period immediately following that in which a full fee was paid. Special conditions apply.

Three different types exist:
1. Graduate Certificate: A qualification at the undergraduate or pre-degree level with a total value of not less than 60 credits that provides tertiary level study in a specific or general area of study.
2. Graduate Certificate: A qualification open to graduates or to those who have been able to demonstrate equivalent practical, professional or scholarly experience of an appropriate kind, comprising a coherent programme with a total value of not less than 60 credits, which includes the requirement that 45 credits or more of the courses or other work prescribed shall be at the 300-level or higher.
3. Postgraduate Certificate: A qualification that builds on attainment in the prior degree, open to graduates or those granted admission equivalent to a graduate on the basis of completed academic work, comprising a coherent programme with a total value of not less than 60 credits, which includes the requirement that the courses or other work prescribed shall be in advance of the 300-level.

An examination/assessment that students may be permitted to sit in order to demonstrate competence in a course that they have not been enrolled in or studied at this University. Permission to sit is based on evidence of professional or other experience.

The process that enables students undertaking a research degree, other than a doctoral degree, to carry forward their enrolment into the enrolment period immediately following that in which a full fee was paid. Special conditions apply.

Three different types exist:
1. Graduate Certificate: A qualification at the undergraduate or pre-degree level with a total value of not less than 60 credits that provides tertiary level study in a specific or general area of study.
2. Graduate Certificate: A qualification open to graduates or to those who have been able to demonstrate equivalent practical, professional or scholarly experience of an appropriate kind, comprising a coherent programme with a total value of not less than 60 credits, which includes the requirement that 45 credits or more of the courses or other work prescribed shall be at the 300-level or higher.
3. Postgraduate Certificate: A qualification that builds on attainment in the prior degree, open to graduates or those granted admission equivalent to a graduate on the basis of completed academic work, comprising a coherent programme with a total value of not less than 60 credits, which includes the requirement that the courses or other work prescribed shall be in advance of the 300-level.

An examination/assessment that students may be permitted to sit in order to demonstrate competence in a course that they have not been enrolled in or studied at this University. Permission to sit is based on evidence of professional or other experience.

Colleges are made up of academic units related by discipline that plan, direct and coordinate research and teaching. There are five colleges at Massey University: College of Business; College of Creative Arts; College of Health; College of Humanities and Social Sciences; and College of Sciences.

A pass that is granted for a "Part" or year cohort of courses within a qualification, where permitted under the Qualification Regulations. This type of pass allows a student to progress into the next "Part".

Composite majors are available in the Bachelor of Communication degree only, and are a prescribed combination of courses from two majors in the degree.

Confirmation provided to the student following receipt by the University of acceptance of an Offer of Enrolment. For programmes that lead to qualifications on the Qualifications Framework, the Confirmation of Enrolment is issued following an Enrolment Application and satisfaction of conditions (if any). It shows the qualification(s) and course(s) for which the student is enrolled.

Allows candidates to qualify for approved conjoint awards of two degrees. The most common conjoint programmes entail the completion of two undergraduate degrees by passing a reduced number of credits in combinations as specified in the qualification regulations.
A compulsory course that must be passed as part of a particular qualification.

Core Course

A course that must be completed in the same semester as another course, unless the corequisite course has already been passed or waived as a requirement due to prior completion of an equivalent course.

Corequisite

A module of work in a particular discipline that is identified by means of a unique code number and delivered by means of lectures, tutorials, seminars, practicals, studios or other learning experiences. If in distance mode delivery may be by correspondence or electronic means. The length of a course is generally one or two semesters or as otherwise specified by the start and end dates. In appropriate combinations courses fulfil programme of study requirements and thus contribute to qualifications. Each course carries its own credit value.

Course

Each Massey University course has a six-figure code to distinguish its discipline, level and identity, e.g. 150.214 where “150” denotes Māori Studies, the “2” shows it is a 200-level course and the final two digits (“14”) identify the course at that level.

Course Code

An academic staff member responsible for the delivery of a course.

Course Coordinator

A study resource to provide enrolled students with sufficient detail regarding the requirements to pass the course successfully.

Course Guide

A course at a particular campus location in a given semester and delivered either internally, by distance or by block mode.

Course Offering

A study resource available to all students to help them make good enrolment choices.

Course Outline/ Course Description

Certificate, diploma and degree programmes are defined in terms of credits. Every course has a credit value associated with it that indicates its contribution to the qualification enrolled for. (Each course’s credit value applies to all qualifications to which that course can contribute.) The standard undergraduate course is 15 credits, except in some professional qualifications. (See “Effective Weekly Hours”.)

Credits

1. Unforeseen events beyond the student’s control, which compromise ability to participate as normal in, or attend, or complete, learning experiences, assessment or examination activity.
2. Circumstances which have a profound effect beyond the regular functioning of the specific student, i.e. a temporary impairment. The effect will usually be in terms of ability to concentrate, to think clearly, or to be able to put aside strong emotion, resulting in an impairment of functioning significant enough to substantially impact on participation in academic activity.

Critical Personal Circumstances

The term “cross-credit” refers to credit granted on the basis of a completed qualification, at Massey University or elsewhere. Cross-credit also applies where a candidate completes the programme of study for two qualifications at the same time and wishes to credit one or more courses to both qualifications.

Cross-credit

A study resource to provide enrolled students with sufficient detail regarding the requirements to pass the course successfully.

Course Outline/ Course Description

Committee on University Academic Programmes. The Committee is a sub-committee of Universities New Zealand and has statutory standing as the Quality Assurance Body for New Zealand universities. One of its functions is to review and approve new qualifications, new specialisations within existing qualifications, and significant changes to existing programmes.

CUAP

The regulations as outlined in the current University Calendar. Each time students enrol or re-enrol at the University, they will be enrolled under the regulations as outlined in the Calendar as at the date of acceptance of the Offer of Enrolment as amended on the online version during the enrolment period.

Current Year of Regulations

A qualification awarded on the completion of a programme of study that meets the requirements set down by the University and as approved by CUAP. Bachelor’s, Bachelor’s Honours, Master’s and Doctoral qualifications are all referred to as degrees.

Degree

Three different types exist:
1. Diploma: A qualification at the under-graduate or pre-degree level with a total value of not less than 120 credits that can build on defined prior qualifications or experience.
2. Graduate Diploma: A qualification open to graduates or to those who have been able to demonstrate equivalent practical, professional or scholarly experience of an appropriate kind, comprising a coherent programme with a total value of not less than 120 credits, which includes the requirement that 75 credits or more of the courses or other work prescribed shall be at the 300-level or higher.
3. Postgraduate Diploma: A qualification that builds on attainment in the prior degree, open to graduates or those granted admission equivalent to a graduate on the basis of completed academic work, comprising a coherent programme with a total value of not less than 120 credits, which includes the requirement that the courses or other work prescribed shall be in advance of the 300-level.

Diploma

A person who has met the University’s requirements and has been awarded a diploma.

Diplomate

A detailed examination of a specific topic, which may include assessment of digital research, seminars, presentations, and the study of pre-existing data or published literature. Work leading to a dissertation typically includes minor data collection, validation and analysis, as well as writing an original document. Dissertations are typically 30–60 credits.

Dissertation

University study undertaken off-campus delivered primarily online or in correspondence using digital and print resources. This mode may include some face-to-face delivery via one or more contact workshops during the enrolment period.

Distance (Extramural) Mode

An award recognising academic excellence in some undergraduate, graduate and postgraduate qualifications.

Distinction

The most advanced postgraduate qualification, including the Doctor of Philosophy degree (PhD), it requires the completion of a research thesis or creative work and exegesis that makes an original contribution to new knowledge. Named doctorates e.g. the Doctor of Education or EdD and the Doctor of Clinical Psychology or D ClinPsych also require completion of a research thesis as well as specified course work. Normally a minimum of three years of full-time study is required for a doctoral degree.

Doctoral Degree

This publication supersedes the previous publication, Handbook for Doctoral Study — commonly referred to as the Doctoral Handbook.

Doctoral Web Book

The purpose of the Doctoral Research Committee is to provide effective engagement of the University’s doctoral research community in academic decision-making. Its role and function is to oversee the administration of the University’s doctoral degrees, and to maintain and promote the integrity and quality of these degrees.

Doctoral Research Committee (DRC)

The value of a course in credits gives an indication of the total amount of time (including lecturer and tutor contact hours, workshops and tutorials, tests and assignments, supervised practical placements, and study time) required to complete a course. Converted into a number of hours per week, this is referred to as the effective weekly hours for the course. For a standard undergraduate (15-credit) single semester course, a commitment of about 10–12.5 hours of study time per week might reasonably be expected over the 15 week duration of the semester. Normally, tuition takes place for 12-weeks and the study and examinations period cover the remaining three weeks. The average workload relates to the 15-week period. For a standard undergraduate (15-credit) double semester course, a commitment of about 5–6.25 hours of study time per week might reasonably be expected.

Effective Weekly Hours

Equivalent Full-Time Student. Used as a measure of the size of a programme of study and the courses of which it is comprised. 1.0 EFTS equates to one full-time year of study or 120 credits.

EFTS

Non-compulsory courses chosen by students (with certain guidelines usually provided). Elective courses contribute to the qualification, but not to the specialisation(s).

Elective Courses
An academic discipline such as economics, anthropology or physics, offered through courses at various levels which are taken at undergraduate diploma, graduate, postgraduate diploma or certificate level, through a combination of prescribed courses in a specific discipline that constitutes part or all of the qualification requirements within the regulations for that qualification. An endorsement will normally appear printed on the graduation scroll and on the student transcript.

**Exemption**

Having satisfied the requirements for admission following an Admission Application and having satisfied the requirements for enrolment following an Enrolment Application, the becoming or continuing to be a student of the University by the University receiving acceptance of an Offer of Enrolment and by the University issuing a Confirmation of Enrolment for a programme at the University. "Enrolment" also means the student was, by implication, admitted to study at the University.

**Exclusion**

The application to study one or more courses in a programme at Massey University. This application follows once an applicant has accepted an Offer of Place.

**Enrolment Period**

The period during which particular courses are offered, e.g. Semester One.

**Equivalence**

Equivalence, in relation to each offering of a course in a single Semester, is defined as the means by which equity and parity of the student learning experience and outcomes is achieved.

A type of assessment normally held at the end of a course or at completion of a thesis that consists of such written, oral and practical questions as the examiners for a course or thesis may determine. These questions are set to assess candidates' knowledge, skills and understanding. The results of the examination will form part of the final grade for the course.

An assessment item in which students have been given approval to enrol the person concerned in the course(s) or qualification(s) of which they are enrolled; or refusal to enrol a person, then exclusion means the refusal to enrol the person concerned in the course(s) or qualification(s) of which they are enrolled; or

"Exceptional Personal Circumstances" means any extraordinary personal circumstances (supported by corroborative evidence) that have not already been the subject of an Aegrotat or Impaired Performance Application or Fee Appeal.

(a) The cancellation of a person's enrolment at Massey University, or in a course or programme when during that enrolment it becomes evident that any of the Massey University Academic Progress regulations apply, or when the University is at law permitted to cancel a student's enrolment; or

(b) if any person is not enrolled and any of the clauses in the Massey University Unsatisfactory Academic Progress regulations apply, or if the University is permitted at law to refuse to enrol a person, then exclusion means the refusal to enrol the person concerned in the course(s) or qualification(s) or at this University as the case may be.

**Exemption**

A Personal Variation to Regulations permitting a student to replace a compulsory course with an alternative course. The attributes of the replacement course are defined at the time of granting the Personal Variation.

Massey Extranural Students' Society (See Students' Associations.)

**External Examiner**

A highly-qualified person with specialist knowledge, not employed by the University, who is appointed by the University to examine and grade a post-graduate thesis/research project or final under-graduate assessment.

**Fee Appeal**

A Fee Appeal can be made when a student, due to Exceptional Personal Circumstances occurring after the final date for withdrawal without financial penalty, is unable to continue his or her study.

**Field Trip**

A visit to an off-campus location to view and investigate an activity or site that is not available on campus. There may be an element of choice as to the assessment or combination of assessments completed.

The status that applies to students who are enrolled in 0.8 EFT of a full-time workload of 120 credits. This equates to enrolment in 105 credits or more in one academic year, with part-time study defined as enrolment in 80 credits or less. Other definitions apply in specific circumstances, e.g. for StudyLink purposes enrolment in 96 or more credits in one academic year, 48 or more credits in one semester, or 36 credits or more in Summer School, meets the criteria for full-time study.

**Full-time Study**

Immigration New Zealand defines full-time as three courses per semester for the purposes of obtaining a student visa. Specific programmes may prescribe a full-time course load of 120 credits per year or 60 credits per semester.

A code, often a letter, given to describe the level of achievement. The possible grades are –

**A+, A, A-** First Class Pass

**B+, B, B-** Second Class Pass

**C+, C, C-** Pass

**AG** Aegrotat Pass

**P** Ungraded Pass

**Fail Grades**

**D** Fail

**E** Low Fail

**F** Ungraded Fail

**DC** Did Not Complete

**Grade**

(A DC grade is awarded to candidates who withdraw from a course after the final date for withdrawing without academic penalty, or who fail to complete all compulsory elements, or who fail to complete assessment components totalling 51 percent or more of the total assessment, or whose aegrotat application is unsuccessful.)

**Other Entries**

**WD** Withdrew without academic penalty

**NF** Not Finalised

**CT** Continuing Enrolment

**Grade**

The # symbol on student result slips beside a grade result indicates confirmation that an aegrotat or impaired performance application was received and considered when the grade result was awarded.

**Graduand**

A person who has completed the University's requirements for a degree but has not yet had the degree conferred.

**Graduate**

A person who has met the University's requirements and has been conferred (awarded) a degree.

**Graduate Diploma**

See under “Diploma”.

**HOD/HOI/HOS**

Head of Department/Institute/School, i.e. the academic units within the five Colleges.

**Honours**

An award for academic excellence in eligible degree qualifications, which include four classes: First Class; Second Class Division I; Second Class Division II; and Third Class.

**Honours Degree**

Honours degrees are postgraduate qualifications comprising an additional year of study beyond the Bachelor's degree in the discipline. Entry to an Honours degree requires prior high academic performance in undergraduate degree study, and students selected for an Honours degree may enrol in the postgraduate degree after completing the undergraduate degree. Completion of the Honours degree may qualify the graduate for doctoral study if achieved at the appropriate level.

**Impaired Performance Consideration**

A re-consideration of the outcome of an assessment or examination that may be made when a student's performance in, or preparation for, any compulsory learning experience, assessment or examination activity has been impaired due to illness, injury or Critical Personal Circumstances, and where such learning experience, assessment or examination activity is at a fixed time and place as defined in the Course Guide.

University study undertaken on-campus via face-to-face delivery, which are scheduled on a regular basis, normally weekly and not less than fortnightly, throughout the enrolment period. This mode may include online learning and the use of digital and print resources.
Invigilate  
To supervise candidates during an examination.

Laboratory Class  
A period of tuition during which students conduct experiments or practical exercises in a supervised environment.

Learning Experiences  
Academic activities which include but are not limited to, lectures, laboratory classes, workshops, tutorials, seminars, field trips, studios, webinars, simulations, practicum, placements, internships, self-directed learning, etc. Successful completion of some learning experiences may be compulsory for mastery of the course and its learning outcomes.

Learning Outcomes  
Statements of the knowledge, skills and attitudes that students are expected to demonstrate as a result of successfully completing a course of learning. Learning outcomes are usually stated in terms of observable and/or measurable behaviour.

Lecture  
An oral presentation of selected content of a course, usually delivered in a specific block of time.

Level of Courses  
The level of a course indicates how advanced the content and learning outcomes of a course is. Most undergraduate degrees consist of 100-, 200- and 300-level courses in which 100-level courses are taught in the first year, 200-level courses build upon these in second year and 300-level courses may be studied once 200-level courses are successfully completed. Some longer degrees require additional courses to be completed, e.g. Bachelor of Social Work to 400-level and Bachelor of Veterinary Science to 500-level. Postgraduate courses are taught at 700-, 800- and 900-levels.

Limitation on Enrolment  
A restriction on the number of students who can enrol in any given course, course offering or programme.

Linked Courses (L)  
A pair of related courses, both of which must be passed in order to obtain credit. Linked courses are marked in the Degree Schedules.

Location  
The campus or other designation for the site of a course offering.

Major  
A substantial component of an undergraduate degree (at least one-quarter and often consisting of one discipline area only) selected by the student in accordance with the regulations as the principal area of study for the degree. Where a degree allows both a major and a minor, the major and minor should be from different discipline areas. A major will normally appear on the graduation scroll and on the student transcript.

Master’s Degree  
A postgraduate degree awarded for advanced study that normally builds on the principal discipline area(s) of a qualifying undergraduate degree. Master’s degrees normally comprise 240 credits beyond a Bachelor’s degree or 120 credits beyond a Bachelor’s Honours Degree. Postgraduate Diploma, or significant relevant professional experience. Master’s degrees may comprise 180 credits where the Bachelor’s degree is completed at a specified level of attainment. A Master’s by coursework and thesis will include a thesis or creative work and exegesis, whereas a Master’s by coursework will include a research report, creative or scholarly work, as a defining feature. A Master’s by thesis will primarily comprise a thesis or creative work and exegesis.

Matriculated  
The status of a candidate who earns the right to commence undergraduate study at university through meeting the prescribed requirements for entrance on the basis of the National Certificate in Educational Achievement (NCEA) Level 3 or its current or past equivalent.

Mentor  
A person, usually a staff member or senior student, available to students to support their participation in the University.

Merit  
An award recognising academic achievement in some undergraduate, graduate and postgraduate qualifications.

Minor  
A component of an undergraduate degree (usually a minimum of 60 credits with at least 45 credits above 100-level and at least 15 credits at 300-level), and often consisting of one discipline area only) selected by the student in accordance with the regulations as the secondary area of study for the degree. Where a degree allows both a major and a minor, the major and minor should be from different discipline areas. A minor will normally appear on the student transcript but not on the graduation scroll.

Mixed Delivery Mode Student  
A student who is enrolled in a programme of study which includes courses which are delivered by different modes.

Mode  
Communicates the method of delivery that students are expected to engage with which may be internal, distance (extramural) or block.

Moderation of Assessment  
The process of establishing comparability of standards between assessors or between assessments, to ensure the reliability and validity of marks and grades. Moderation occurs in relation to the assessment design before assessments are administered and in relation to the marks awarded after assessments are administered.

MOST  
Massey On-line Survey Tool – the University’s on-line survey tool for course and teacher evaluation.

Non Tuition Fees  
Various fees that are payable in addition to the tuition fees and sundry fees for each course.

Not Finalised (NF)  
A place-marker used when a grade result for an assessment of performance in a course is not finalised. It does not qualify as a grade for any purpose.

Offer of Enrolment  
An Offer of Enrolment may be issued by the University in response to an Admission Application. If the candidate accepts the Offer of Enrolment, and gives the University notice of acceptance in the manner required, a contract is formed with the University. That contract may be subject to conditions which must be fulfilled by the student or waived by the University. A Confirmation of Enrolment is issued by the University when that contract is unconditional.

Offer of Place  
An Offer of Place may be issued by the University in response to an Admission Application. If the candidate accepts the Offer of Place, and gives the University notice of acceptance in the manner required, the candidate is admitted to the University to study the programme specified. The candidate is then invited to select courses and submit an Enrolment Application. The Offer of Place may be subject to conditions which must be fulfilled by the student or waived by the University.

Online Enrolment  
Massey University’s interactive on-line enrolment service that provides intending and previously-enrolled students with the ability to submit Admission and Enrolment Applications and accept Offers of Place and Offers of Enrolment using the web, with direct access to the services and information that support enrolment decisions.

Online Learning Category  
Communicates the online learning requirements associated with a course offering and provides information about the printing and supply of study resources. Information about the categories is communicated to students at enrolment and is available on the University website.

PaCE  
An acronym for Massey University’s centre for Professional and Continuing Education. PaCE offers quality-assured professional courses, including courses that prepare students for degree-level study, and English language programmes for students for whom English is a second or additional language.

Part/Examination  
A fixed year of study consisting of a set of interrelating courses as defined within the Qualification Regulations.

PH00/PH01/PH02/PPD  
Permission of Head of Department, Institute, School or Programme (qualification) Director.

Points  
Certificate, diploma and degree programmes were defined in terms of points prior to 2007. Every course had a point value associated with it that indicated its contribution to the qualification enrolled for. (Each course’s point value applied to all qualifications to which that course could contribute.) The standard undergraduate course was 12.5 points, except in some professional qualifications. Credits replaced points from 2007, when the standard undergraduate course became 15 credits, except in some professional qualifications.

Postgraduate Diploma  
See under “Diploma”.

Postgraduate Study  
Involves study at either 700-, 800- or 900-level. (Levels 8, 9 and 10 on the New Zealand Qualifications Framework) or a combination of these levels, normally for an Honours degree, Master’s degree or Doctoral degree, a Postgraduate Certificate or a Postgraduate Diploma. Normally undertaken when a Bachelor’s degree has been completed.

Practical Work Requirements  
Relevant practical work other than laboratories, field or computer work, specified in the requirements for a course that is required for the particular qualification to be awarded. In some programmes this is undertaken during University holidays.

Practicum  
Assessed practical work that may be undertaken outside the University and/or the academic year.

Prerequisite  
A course that must be completed to a defined standard or waived before a student’s enrolment in another course is confirmed. For this purpose the minimum grade required is a C-, except where a different grade is specified in the Schedule for the qualification; e.g. (B) means that the minimum grade that satisfies the requirement is B.

Prescription  
A brief statement of the material taught in a course.

Presentation  
A prepared performance, demonstration or exhibition, usually given to a group.

Programme Director  
Responsible for all academic matters relating to an individual qualification, including selected student-related matters and regulatory matters.
Programme
A programme of study or training leading to a qualification listed on the Qualification Framework. Where the context requires in the University regulations, rules and other documents, “programme” includes course, course of study or training, programme of study and qualification.

Programme of study
The group of courses for which students are enrolled in an enrolment period or the set of related courses that a student must pass in order to satisfy the requirements of a particular qualification.

Pre-Vice Chancellor
The executive manager and academic leader of a College.

Qualification
An official award given in recognition of the successful completion of a programme of study.

Qualification Regulations
The academic requirements for enrolment in courses, and completion of a qualification.

Quality Assurance
The setting of sector and university standards through documented policies and procedures that enable adherence to the stated quality standards to be assessed. In New Zealand, University qualifications are quality assured by the Committee on University Academic Programmes (CUAP) that are benchmarked across the university sector and evaluated by peer review. In a similar way, quality assured teaching and learning components must reflect agreed standards and review processes supported by documented evidence.

Recognition of Prior Learning
The term given to granting of credit on the basis of formal (see cross-credit and Transfer of Credit) and informal learning. Credit on the basis of informal learning is assessed by a portfolio of supporting material or by the use of a challenge examination.

Research Report
A written research component that may contribute up to 60 credits of a postgraduate qualification.

Restriction
Some courses that are similar in content are restricted against each other. Students will not be permitted to enrol in both courses nor credit them both to a qualification.

Rules
The term given to granting of credit on the basis of formal (see cross-credit and Transfer of Credit) and informal learning. Credit on the basis of informal learning is assessed by a portfolio of supporting material or by the use of a challenge examination.

Schedule of Courses
A listing of the courses prescribed or allowed for a qualification, including any prerequisites, corequisites, and restrictions.

Semester
A prescribed period of the academic year during which a course is taught and completed. A single semester normally comprises 12 weeks of teaching followed by final assessment where appropriate.

Seminar
An oral presentation group discussion on a specific topic. The discussion may include a contribution from staff. Where the presentation is by a student, the seminar may form part of the internal assessment of a course.

Special Permission Course Application
An application from a student to take a course that would not normally be permissible.

Special Topic
Special Topic courses allow students (or groups of students) to undertake a specifically tailored course of study in an area not available through existing course offerings, and include the following circumstances: anomalous situations; trialling a new course; ongoing exploration of different topics within a discipline, and taking advantage of opportunities as they arise, such as a visiting lecturer.

Specialisation
The collective term covering majors, minors, subjects and endorsements in a specific discipline for a qualification.

Stream
Stream is Massey University’s online learning environment. Most courses are supported or enhanced by this environment, which may include features such as discussion boards, online quizzes, digital study resources and more. Students should be able to access Stream at least two weeks before the start of the enrolment period, including Summer School.

Student
For the purposes of the Regulations, an applicant becomes a student if the University receives acceptance of any Offer of Enrolment, although he or she will not be enrolled until the University issues a Confirmation of Enrolment.

Student Administration
The staff group responsible for the organisation of many university student services; e.g., enrolments management, production of teaching material, graduation, distance assignment management and examinations.

Student Allowance
A payment for living expenses to some full-time students by StudentLink. Entitlement depends on factors including but not limited to a student’s age, income and, if applicable, parental income.

Students’ Associations
ASA – Albany Students’ Association Inc.
EXMSS – Extramural Students’ Society Inc.
MAWSA - Massey at Wellington Students’ Association
Marawawhiti – Massey University MiMori Students’ Association
Palmerton North
MUSA – Massey University Students’ Association of Palmerston North Inc.
MUSAF – Federation of Massey University Students’ Associations
Te Waka O Ngā Akonga Mōno – Albany Mōno Students’ Association

Student Contract
A legally-binding contract entered into between the University and the student.

Student Loan Scheme
Teaching and Learning materials provided by the University to facilitate student learning, including, for example, the Course Description, Course Guide and other resources. Resources may be fully digital or in a printed format or a combination of both. Resources may also include physical things such as a model of policy.

Subject
An academic discipline such as economics, anthropology or physics offered through courses at various levels which are taken at Bachelor (Honours) or Master’s level, through a combination of prescribed courses in a specific discipline that comprises most or all of the qualification requirements within the regulations for that qualification. A subject will normally appear printed on the graduation scroll and on the student transcript.

Subject Courses
Courses within a qualification that are associated with a specialisation – endorsement, subject or major. While not necessarily compulsory, they count towards the specialisation.

Summer School
A period from November to February during which courses are offered by the University, which is shorter in length than a normal semester. Some Summer School courses are delivered over the full mid-November to mid-February period, and other courses are delivered over a shorter time span.

Thesis
A research component of a postgraduate qualification having a value of 0.75 EFTS (90 credits) or more. A thesis may comprise a written document only or creative work and exegesis.

Transfer of Credit
Credit may be transferred from an incomplete qualification at Massey University or another tertiary institution. Application for transfer of credit is a statement that the candidate does not intend to complete the original qualification at a later date.

Transitional Provisions
Provisions applying to students affected by new regulations for a qualification coming into effect partway through their programme of study towards the qualification. Transitional provisions are specific to a qualification and are included in the Qualification Regulations in the Calendar.

Tuition Fees
Fees that relate to a student’s programme (qualification or courses). Tuition fees include fees charged for courses and component fees such as field trips and materials.

Tutorial
Usually a period of instruction where small groups discuss the academic content of a course with a tutor.

Undergraduate
Before graduation, e.g. an undergraduate student is someone who has yet to complete the requirements of a Bachelor’s degree.

Waiver to Course Rules
A Personal Variation permitting a student to enrol in a course without meeting the prerequisite, corequisite or other general requirement which would otherwise prevent approval into that course. A waiver does not contribute to the total credit needed for the completion of a qualification.
<table>
<thead>
<tr>
<th>Subject</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accountancy</td>
<td>430</td>
</tr>
<tr>
<td>Adult Education</td>
<td>558</td>
</tr>
<tr>
<td>Agribusiness</td>
<td>431, 540</td>
</tr>
<tr>
<td>AgriCommerce</td>
<td>539</td>
</tr>
<tr>
<td>Agricultural and Horticultural Systems Management</td>
<td>431, 439</td>
</tr>
<tr>
<td>Agricultural Engineering</td>
<td>454, 527</td>
</tr>
<tr>
<td>Agriculture and Horticulture</td>
<td>434, 438, 439, 440</td>
</tr>
<tr>
<td>Agriculture / Horticulture Plants</td>
<td>440, 488, 562, 563</td>
</tr>
<tr>
<td>AgriScience</td>
<td>434, 439, 539, 563</td>
</tr>
<tr>
<td>Agronomy</td>
<td>562, 563</td>
</tr>
<tr>
<td>Animal Science</td>
<td>435</td>
</tr>
<tr>
<td>Applied Linguistics</td>
<td>557</td>
</tr>
<tr>
<td>Art and Design Studies</td>
<td>507</td>
</tr>
<tr>
<td>Asian Studies</td>
<td>488</td>
</tr>
<tr>
<td>Aviation Studies</td>
<td>499</td>
</tr>
<tr>
<td>Banking Management</td>
<td>445, 454</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>441</td>
</tr>
<tr>
<td>Biology</td>
<td>484, 506, 512, 544</td>
</tr>
<tr>
<td>Building and Construction</td>
<td>517</td>
</tr>
<tr>
<td>Business</td>
<td>432, 433, 434</td>
</tr>
<tr>
<td>Business Law</td>
<td>433, 474, 475</td>
</tr>
<tr>
<td>Chemistry</td>
<td>442</td>
</tr>
<tr>
<td>Chinese</td>
<td>540</td>
</tr>
<tr>
<td>Classical Studies</td>
<td>511</td>
</tr>
<tr>
<td>College of Sciences courses</td>
<td>543, 544</td>
</tr>
<tr>
<td>College of Sciences Courses</td>
<td>544, 569</td>
</tr>
<tr>
<td>Communication and Journalism</td>
<td>519</td>
</tr>
<tr>
<td>Computer Aided Design</td>
<td>517</td>
</tr>
<tr>
<td>Computer Science</td>
<td>478, 479</td>
</tr>
<tr>
<td>Counselling and Guidance</td>
<td>546</td>
</tr>
<tr>
<td>Creative Media Production</td>
<td>565</td>
</tr>
<tr>
<td>Decision Science</td>
<td>513</td>
</tr>
<tr>
<td>Defence and Strategic Studies</td>
<td>463</td>
</tr>
<tr>
<td>Development Studies</td>
<td>447</td>
</tr>
<tr>
<td>Dispute Resolution</td>
<td>472</td>
</tr>
<tr>
<td>Early Childhood Education</td>
<td>551</td>
</tr>
<tr>
<td>Early Years Teaching</td>
<td>556</td>
</tr>
<tr>
<td>Earth Science</td>
<td>533</td>
</tr>
<tr>
<td>Ecology</td>
<td>506, 507, 532</td>
</tr>
<tr>
<td>Economics</td>
<td>432, 494</td>
</tr>
<tr>
<td>Educational Administration and Leadership</td>
<td>549</td>
</tr>
<tr>
<td>Educational and Developmental Psychology</td>
<td>548</td>
</tr>
<tr>
<td>Educational Research</td>
<td>552</td>
</tr>
<tr>
<td>Education Studies</td>
<td>547</td>
</tr>
<tr>
<td>Education Support</td>
<td>551</td>
</tr>
<tr>
<td>E-Learning</td>
<td>550</td>
</tr>
<tr>
<td>Electronics and Information Engineering</td>
<td>561</td>
</tr>
<tr>
<td>Emergency Services Management</td>
<td>447</td>
</tr>
<tr>
<td>Engineering</td>
<td>442, 443, 479, 527</td>
</tr>
<tr>
<td>English</td>
<td>454</td>
</tr>
<tr>
<td>English Language Studies</td>
<td>503</td>
</tr>
<tr>
<td>English Language Teaching</td>
<td>549</td>
</tr>
<tr>
<td>Environmental Science</td>
<td>441</td>
</tr>
<tr>
<td>Equine</td>
<td>564</td>
</tr>
<tr>
<td>Ergonomics</td>
<td>446</td>
</tr>
<tr>
<td>Fashion Design</td>
<td>513</td>
</tr>
<tr>
<td>Finance</td>
<td>432, 444, 445</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>514</td>
</tr>
<tr>
<td>Food Technology</td>
<td>457</td>
</tr>
<tr>
<td>French</td>
<td>542</td>
</tr>
<tr>
<td>Genetics</td>
<td>512, 543</td>
</tr>
<tr>
<td>Geography</td>
<td>459</td>
</tr>
<tr>
<td>Gifted and Talented</td>
<td>551</td>
</tr>
<tr>
<td>Graduate School of Education</td>
<td>498</td>
</tr>
<tr>
<td>Health</td>
<td>462, 471, 486, 530, 531, 545, 546</td>
</tr>
<tr>
<td>Health Sciences</td>
<td>516, 517, 534, 535</td>
</tr>
<tr>
<td>History</td>
<td>462</td>
</tr>
<tr>
<td>Horticulture (Production &amp; Landscape)</td>
<td>563</td>
</tr>
<tr>
<td>Human Development</td>
<td>558</td>
</tr>
<tr>
<td>Humanities and Social Sciences</td>
<td>529</td>
</tr>
<tr>
<td>Human Resource Management</td>
<td>431</td>
</tr>
<tr>
<td>Inclusive Education</td>
<td>544</td>
</tr>
<tr>
<td>Industrial Design</td>
<td>509</td>
</tr>
<tr>
<td>Industrial Innovation</td>
<td>564</td>
</tr>
<tr>
<td>Information Systems</td>
<td>476</td>
</tr>
<tr>
<td>Information Technology</td>
<td>477</td>
</tr>
<tr>
<td>Japanese</td>
<td>541</td>
</tr>
<tr>
<td>Learning and Teaching</td>
<td>551</td>
</tr>
<tr>
<td>Linguistics</td>
<td>488</td>
</tr>
<tr>
<td>Literacy Education</td>
<td>549</td>
</tr>
<tr>
<td>Logistics and Supply Chain Management</td>
<td>539, 540</td>
</tr>
<tr>
<td>Management 432, 433, 434, 446, 470, 471, 475, 534, 535, 536</td>
<td>568</td>
</tr>
<tr>
<td>Maori and Indigenous Business</td>
<td>555</td>
</tr>
<tr>
<td>Maori Education</td>
<td>555</td>
</tr>
<tr>
<td>Maori Medium Primary Teaching</td>
<td>553</td>
</tr>
<tr>
<td>Maori Resource and Environmental Management</td>
<td>537</td>
</tr>
<tr>
<td>Maori Studies</td>
<td>466</td>
</tr>
<tr>
<td>Marine Ecology</td>
<td>506</td>
</tr>
<tr>
<td>Marketing</td>
<td>433, 475</td>
</tr>
<tr>
<td>Mathematics</td>
<td>480</td>
</tr>
<tr>
<td>Mathematics Education</td>
<td>558</td>
</tr>
<tr>
<td>Mechatronics and Automation Engineering</td>
<td>562</td>
</tr>
<tr>
<td>Media Studies</td>
<td>473</td>
</tr>
<tr>
<td>Medical Laboratory Science</td>
<td>512</td>
</tr>
<tr>
<td>Midwifery</td>
<td>494</td>
</tr>
<tr>
<td>Museum Studies</td>
<td>484</td>
</tr>
<tr>
<td>Music</td>
<td>450</td>
</tr>
<tr>
<td>Nanoscience</td>
<td>537</td>
</tr>
<tr>
<td>Natural Resource Management</td>
<td>498</td>
</tr>
<tr>
<td>Natural Sciences</td>
<td>543</td>
</tr>
<tr>
<td>Nursing</td>
<td>485, 487</td>
</tr>
<tr>
<td>Nutritional Science</td>
<td>468</td>
</tr>
<tr>
<td>Occupational Health and Safety</td>
<td>546</td>
</tr>
<tr>
<td>Philosophy</td>
<td>452</td>
</tr>
<tr>
<td>Photography</td>
<td>521</td>
</tr>
<tr>
<td>Physical Education and Health</td>
<td>534, 535, 558, 443, 444</td>
</tr>
<tr>
<td>Physiology</td>
<td>505</td>
</tr>
<tr>
<td>Plant Biology</td>
<td>440</td>
</tr>
<tr>
<td>Plant Health</td>
<td>563</td>
</tr>
<tr>
<td>Politics</td>
<td>510</td>
</tr>
<tr>
<td>Portuguese</td>
<td>568</td>
</tr>
<tr>
<td>Primary Teaching</td>
<td>559</td>
</tr>
<tr>
<td>Process and Environmental Technology</td>
<td>459, 560</td>
</tr>
<tr>
<td>Process Engineering</td>
<td>560</td>
</tr>
<tr>
<td>Production Technology</td>
<td>529, 564</td>
</tr>
<tr>
<td>Property Studies</td>
<td>446</td>
</tr>
<tr>
<td>Psychology</td>
<td>489, 548, 549</td>
</tr>
<tr>
<td>Public Health</td>
<td>530, 531, 545</td>
</tr>
<tr>
<td>Public Policy</td>
<td>434, 459</td>
</tr>
<tr>
<td>Rehabilitation Studies</td>
<td>461, 462</td>
</tr>
<tr>
<td>Resource and Environmental Planning</td>
<td>448</td>
</tr>
<tr>
<td>Retail</td>
<td>567</td>
</tr>
<tr>
<td>Secondary Teaching</td>
<td>549, 550</td>
</tr>
<tr>
<td>Sleep and Circadian Science</td>
<td>546</td>
</tr>
<tr>
<td>Social and Policy Studies in Education</td>
<td>498</td>
</tr>
<tr>
<td>Social Anthropology</td>
<td>460</td>
</tr>
<tr>
<td>Social Policy</td>
<td>559</td>
</tr>
<tr>
<td>Social Work</td>
<td>496</td>
</tr>
<tr>
<td>Sociology</td>
<td>493</td>
</tr>
<tr>
<td>Soil Science</td>
<td>499</td>
</tr>
<tr>
<td>Spanish</td>
<td>542</td>
</tr>
<tr>
<td>Spatial Design</td>
<td>524</td>
</tr>
<tr>
<td>Speech and Language Therapy</td>
<td>556</td>
</tr>
<tr>
<td>Sport and Exercise Science</td>
<td>534, 535, 536</td>
</tr>
<tr>
<td>Statistics</td>
<td>482, 544</td>
</tr>
<tr>
<td>Teacher Education</td>
<td>545</td>
</tr>
<tr>
<td>Technology and Engineering</td>
<td>527</td>
</tr>
<tr>
<td>Technology, Science and Mathematics Education</td>
<td>550</td>
</tr>
<tr>
<td>Te Reo Maori</td>
<td>569</td>
</tr>
<tr>
<td>Textile Design</td>
<td>524</td>
</tr>
<tr>
<td>Veterinary Nursing</td>
<td>504</td>
</tr>
<tr>
<td>Veterinary Science</td>
<td>436, 525</td>
</tr>
<tr>
<td>Visual and Material Culture</td>
<td>538</td>
</tr>
<tr>
<td>Visual Communication Design</td>
<td>522</td>
</tr>
<tr>
<td>Women's Studies</td>
<td>488</td>
</tr>
<tr>
<td>Zoology</td>
<td>509, 532</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>110.109</td>
<td>Introductory Financial Accounting</td>
</tr>
<tr>
<td>110.209</td>
<td>Intermediate Financial Accounting</td>
</tr>
<tr>
<td>110.229</td>
<td>Management Accounting</td>
</tr>
<tr>
<td>110.230</td>
<td>Introductory Financial and Management Accounting</td>
</tr>
<tr>
<td>110.249</td>
<td>Accounting Information Systems</td>
</tr>
<tr>
<td>110.279</td>
<td>Auditing</td>
</tr>
<tr>
<td>110.289</td>
<td>Taxation</td>
</tr>
<tr>
<td>110.303</td>
<td>Integrative Accounting</td>
</tr>
<tr>
<td>110.309</td>
<td>Advanced Financial Accounting</td>
</tr>
<tr>
<td>110.329</td>
<td>Advanced Management Accounting</td>
</tr>
<tr>
<td>110.369</td>
<td>Forensic Accounting</td>
</tr>
<tr>
<td>110.379</td>
<td>Advanced Auditing</td>
</tr>
<tr>
<td>110.380</td>
<td>Estate and Tax Planning</td>
</tr>
<tr>
<td>110.389</td>
<td>Advanced Taxation</td>
</tr>
<tr>
<td>110.701</td>
<td>Accounting Systems</td>
</tr>
<tr>
<td>110.702</td>
<td>Financial Accounting and Reporting</td>
</tr>
<tr>
<td>110.703</td>
<td>Management Accounting and Decision Making</td>
</tr>
<tr>
<td>110.710</td>
<td>Contemporary Issues in Financial Accounting</td>
</tr>
<tr>
<td>110.711</td>
<td>Advanced Accounting Theory</td>
</tr>
<tr>
<td>110.717</td>
<td>Research Methods in Accounting</td>
</tr>
<tr>
<td>110.785</td>
<td>International Taxation</td>
</tr>
<tr>
<td>110.792</td>
<td>Special Topic</td>
</tr>
<tr>
<td>110.796</td>
<td>Research Report</td>
</tr>
<tr>
<td>110.799</td>
<td>Research Report</td>
</tr>
<tr>
<td>110.800</td>
<td>MPhil Accounting</td>
</tr>
<tr>
<td>110.804</td>
<td>Advanced Financial Accounting and Reporting</td>
</tr>
<tr>
<td>110.805</td>
<td>Advanced Strategic Management Accounting</td>
</tr>
<tr>
<td>110.806</td>
<td>Auditing and Assurance</td>
</tr>
<tr>
<td>110.807</td>
<td>Tax</td>
</tr>
<tr>
<td>110.894</td>
<td>Research Report</td>
</tr>
</tbody>
</table>

ACCOUNTANCY

A study of advanced topics and contemporary issues in taxation, including tax policy, international taxation and tax administration.

A comprehensive study of financial reporting, including current New Zealand GAAP and recognition of revenue, assets and liabilities.

Cost and management accounting in the business environment.

An in-depth study of selected contemporary financial accounting and external reporting issues through a review of the relevant extant literature.

This course is designed for students who wish to continue their search for truth in accounting at an advanced level. They will be introduced to various conceptual issues espoused in the accounting literature such as the historical development of accounting, the relationship between philosophy of science and accounting, and the theoretical foundation of some of the important issues currently facing accounting as a profession.

This course explores a range of different conceptual approaches to researching accounting issues and examines tools and techniques that are available for research in accounting. As an integral part of the course, students are required to prepare and present a research proposal.

A study of contemporary issues involving the imposition of taxes on transactions and investments between parties resident in New Zealand and in foreign tax jurisdiction.

A comprehensive study of financial reporting, including current New Zealand GAAP and recognition of revenue, assets and liabilities.

An integrated study of accounting sub-disciplines and other related disciplines to create an appreciation of how accounting operates in practice. Emphasis will also be placed on integration of expanded competencies with knowledge-based skills.

A study of advanced financial accounting topics and contemporary professional and conceptual issues relevant to financial reporting.

A study of advanced topics and contemporary issues in management accounting in a range of industry settings, including strategic management and performance management.

A study of forensic accounting, fraud auditing and investigation.

A study of advanced topics and contemporary issues in auditing.

Practical issues arising in estate and tax planning for investors and small business in New Zealand.
A general understanding of Employment Relations and Human Resource Management
Applications of a broad range of business concepts - economic, financial and marketing - to international agri-food business and marketing.

Contemporary New Zealand and international agribusiness issues and strategies. Emphasis is placed on the dynamics of agribusiness strategies, structures and institutions in the context of agricultural trade and environmental issues, food and fibre markets and supply chains. Case studies are used extensively throughout the course.

Candidates will undertake professional practice within the subject area in which the Master of Management is being completed. Professional Practice may be conducted either individually or in groups and assessment of the outcome of the investigation may be in a variety of ways including written and oral presentations and case studies.

Candidates will undertake professional practice within the subject area in which the Master of Management is being completed. Professional Practice may be conducted either individually or in groups and assessment of the outcome of the investigation may be in a variety of ways including written and oral presentations and case studies.

Candidates will undertake professional practice within the subject area in which the Master of Management is being completed. Professional Practice may be conducted either individually or in groups and assessment of the outcome of the investigation may be in a variety of ways including written and oral presentations and case studies.

Emphasis is placed on the ownership and governance of cooperatives and relevant for those with farming experience.

An advanced study of international agri-food business and marketing. Emphasis is placed on successful value chain management applied to food and agribusiness. The course utilizes field trips to study local value chains.

An introduction to land based production systems. Particular emphasis is given to organisations' responses to trends in both their internal and external environments.

A general understanding of Employment Relations and Human Resource Management
An introduction to human resources management (HRM) theories and practices in national and international contexts.

A theoretical and practical examination of the behaviour of people in the work environment. Students develop a basic understanding of individual behaviour and team dynamics, exploring issues of motivation, communication, leadership, decision making, power and organisational change.

An advanced study of international agri-food business and marketing. Emphasis is placed on successful value chain management applied to food and agribusiness. The course utilizes field trips to study local value chains.

An introduction to land based production systems. Particular emphasis is given to organisations' responses to trends in both their internal and external environments.

A general understanding of Employment Relations and Human Resource Management
An introduction to human resources management (HRM) theories and practices in national and international contexts.

A theoretical and practical examination of the behaviour of people in the work environment. Students develop a basic understanding of individual behaviour and team dynamics, exploring issues of motivation, communication, leadership, decision making, power and organisational change.

An advanced study of international agri-food business and marketing. Emphasis is placed on successful value chain management applied to food and agribusiness. The course utilizes field trips to study local value chains.

An introduction to land based production systems. Particular emphasis is given to organisations' responses to trends in both their internal and external environments.

A general understanding of Employment Relations and Human Resource Management
An introduction to human resources management (HRM) theories and practices in national and international contexts.

A theoretical and practical examination of the behaviour of people in the work environment. Students develop a basic understanding of individual behaviour and team dynamics, exploring issues of motivation, communication, leadership, decision making, power and organisational change.
Organisational Learning
An in-depth investigation of issues confronting teams and organisations seeking improvement through generative learning. Special emphasis is placed on leadership and vision, mental models, systems thinking and defensive routines. Tools, techniques and cases of organisational learning will be considered.

Advanced Organisational Behaviour
This course is an examination of applied psychology and sociology in the context of organisations. The content is based on a foundation of theory which students are expected to critically analyse. The course is designed so that students apply the theory to modern organisational situations.

Performance Management
This course critically analyses the role of Performance Management in individual, team and organisational performance by examining its theoretical and practical underpinnings. Implications for training, reward and disciplinary systems are also explored.

Valuing Human Resource Talent in Business Enterprises
An examination of human resource management focusing on the value of talent in business enterprises. This will include contemporary approaches and issues involved in the management and measurement of knowledge-based assets for assisting stakeholders and decision-makers.

Competitive Advantage and HRM Strategy
An examination of how strategic human resource management theory and practice contributes to sustained competitive advantage in business enterprises. Particular reference is made to the environmental factors that influence talent management in New Zealand and globally.

International Human Resource Management
An examination of the management of employees from an international perspective, including comparative HRM, the practice of HRM in multinational firm, and developments in the emerging field of Strategic International Human Resource Management (SIHRM).

Career Management in an International Context
An examination of the theory and management of careers with an emphasis on new forms of careers and the management of careers both within and across global boundaries.

Research Report Part 1

Research Report Part 2

Research Report (2P)

Research Report

Research Report Part 1

Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work.

Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work.

Thesis
A supervised and guided independent study resulting in a published work.

Research Report
Candidates are required to conduct a piece of independent research under supervision and to produce a report of the research for examination.

Professional Practice
Candidates will undertake professional practice within the subject area in which the Master of Management is being completed. Professional Practice may be conducted either individually or in groups and assessment of the outcome of the investigation may be in a variety of ways including written and oral presentations and case studies.

Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

Thesis
A supervised and guided independent study resulting in a published work.

PhD Human Resource Management

MANAGEMENT

Foundation Management
An introduction to the key principles and practices of management and the business environment with a particular focus on business in New Zealand.

Foundation Economics
An introduction to fundamental concepts in Economics.

Foundation Financial Literacy
An introduction to key financial literacy concepts and the application of those concepts to a wide variety of situations including the workplace and business environments.

Introduction to Business Data Analysis
An introduction to internal and external organisational data, mechanisms to obtain, analyse and interpret that data, and performance indicators used to define and assess the operational and financial viability of a business.

Strategic Workplace Communication
This course covers principles and techniques of strategic workplace communication.

Accounting for Business
An introduction to how accounting information is used for planning, monitoring and evaluating organisational performance.

Economics of Business
The course examines the nature of the contemporary economic environment in which businesses operate, and considers how economics can aid in business decision-making.

Finance Fundamentals
This course introduces analytical techniques for evaluating personal and business investment and financing decisions, including coverage of the context and environment in which these decisions are made.

Management in Context
This course provides students with a theoretical and practical understanding of management and organisations in the contemporary context.
MARKETING

115.116  15 credits
Introduction to Marketing
The course provides an understanding of the core concepts and practices of marketing.

BUSINESS LAW

115.211  15 credits
Business Law
The course will encompass an introduction to the key elements of the law within which business operates in New Zealand from a practical perspective.

MANAGEMENT

115.212  15 credits
Fundamentals of Leadership and Teamwork
This course provides an introduction to the theory and practice of leadership and teamwork.

BUSINESS

115.250  60 credits
Practice to Innovation
A work placement, developing innovation and entrepreneurship thinking, competencies and practice.

115.277  15 credits
Special Topic

115.287  6 credits
Special Topic

115.316  15 credits
Special Topic

115.319  15 credits
Special Topic

115.377  15 credits
Special Topic

115.387  6 credits
Special Topic

115.388  30 credits
Internship in Business
Provides an individual practical experience in business, linking theory to practice. It consists of a period of supervised study and practical experience in an area related to individual disciplinary and professional interests.

115.389  15 credits
Business Internship
This course provides an individual practical experience in business, linking theory to practice.

BUSINESS

115.721  15 credits
Business Law and Ethics
A study of the external legal and ethical environments of business and the relevant issues with which business managers must deal.

115.723  15 credits
Accounting I
A course designed to explain the accounting function from a management perspective. Students will be able to apply the models of accounting activities to a business context.

115.724  15 credits
Business Finance
A course covering the corporate finance function in business, dealing with the sourcing of funds to establish and expand the application of those funds in pursuing the goals of the organisation. Particular attention is given to valuing financial assets, to investment and capital budgeting decisions, to the capital structure, and to working capital management.

115.725  15 credits
Leadership and People
A study of the behaviour of people in the work environment, including issues of organisational structure and management theory together with issues of motivation, communication, leadership, decision-making, career development, power and organisational change.

115.726  15 credits
Marketing
A study of the marketing function in business, including a range of marketing tools and techniques and their application to marketing situations.

115.727  15 credits
Entrepreneurship and Innovation
A study of the theory and practice of entrepreneurship with special reference to the overall business sector. The course will examine the dimensions of innovation and entrepreneurship with emphasis on the entrepreneur’s contribution to existing organisations and new ventures.

115.728  15 credits
Contemporary Strategy
The course examines the process of strategic policy and decision-making in organisations and includes a study of legal, political, behavioural and environmental factors that influence the process. The systems and techniques of strategic planning and decision-making are examined in the context of the business organisation.

115.731  15 credits
Change Management
An in-depth study of the nature of change from an individual, group and organisational perspective.

115.732  15 credits
Operations and Logistics
A study of the Operations Management function, including manufacturing and processing systems; productivity, quality management and leading-edge techniques in the optimisation of systems and physical resources.

115.735  15 credits
Applied Business Research
This course provides students with an applied understanding of the role and techniques of business research.

115.736  15 credits
Business Development
An applied course of study in Business Development focusing on the future direction of an organisation or one of its divisions.

115.738  15 credits
Corporate Governance Best Practice
An introduction to the duties, responsibilities, best practices and dynamics of governance roles across the spectrum of private, public and institutional organisations.

115.739  15 credits
Special Topic I

115.740  15 credits
Special Topic II

115.743  15 credits
Information, Technology and e-Commerce
A study of the nature and role of information and communication technology, e-commerce and social media in business.

115.745  15 credits
Economics - Applied and International
An examination of the theory and functions of the economic systems of selected nations of differing political systems. The course includes a survey of microeconomics and macroeconomics relevant to the central functions of international business. Included is the impact of national economic policy on corporate decision-making, market structures, foreign trade and corporate performance. Topics studied intensively will be based upon the economic issues and the frontiers of knowledge at the time and place the course is offered.

115.750  15 credits
Investments and Risk
The course includes a study of the nature, role and practice of competition and risk in business on national and international levels.

MANAGEMENT

115.776  60 credits
Advanced Leadership
A comprehensive examination of established and emerging leadership concepts, principles, theories and philosophies, and a consideration of their impact at individual, team, and organisational levels.
115.777 Leadership Practice
A study of the professional issues that impact on the practice of leadership.
Utilising research from the field of positive psychology, each participant will identify leadership capabilities linked to self-awareness and personal growth, and assess alternative frameworks for the application of coaching and mentoring skills in an organisational setting to achieve outstanding performance.

BUSINESS
115.778 15 credits
Special Topic
115.779 15 credits
Special Topic
115.786 30 credits
Special Topic
115.790 30 credits
Special Topic
115.794 30 credits
Research Report Part 1
115.795 30 credits
Research Report Part 2
115.797 15 credits
Research Report Part 1
115.798 15 credits
Research Report Part 2

PUBLIC POLICY
115.801 60 credits
Applied Analytics Project
Under the supervision of academic staff, students work with an external organisation on the application of computer-based analytics tools to a project in the domain of business analytics, healthcare system analytics, or public policy analytics. Special attention is given to privacy and ethical considerations, and to the (visual) communication of results.

BUSINESS
115.811 30 credits
Strategic Management and International Leadership
This course uses cases from real organisations in New Zealand and abroad which require strategic integration and application of knowledge across all of the business functions with a focus on business models and value creation. The course includes a mandatory international study tour.

115.822 30 credits
Applied Research Project
Independent supervised research project on a topic approved by the MBA Director, directed towards the improvement of business practice.

115.887 60 credits
Leadership Practice Report
A practical consideration of the organisation as a learning environment to enhance the students’ capabilities, skills, competencies and employability through a real-world experience as part of their ongoing education.

BUSINESS
115.890 90 credits
90 Cr Thesis
Candidates are required to conduct a piece of independent research under supervision and to produce a thesis for examination.

115.891 45 credits
Thesis Part 1
Candidates are required to conduct a piece of independent research under supervision and to produce a thesis for examination.

115.892 45 credits
Thesis Part 2
Candidates are required to conduct a piece of independent research under supervision and to produce a report of the research for examination.

AGRICULTURE AND HORTICULTURE
117.006 15 credits
Animal Production and Health
An overview of the sheep, dairy and beef cattle industries in New Zealand, and an introduction to the deer and intensive livestock industries. Topics covered include: principles of reproduction, genetics, nutrition, welfare and health of farmed livestock.

117.106 15 credits
Animal Production
Development of production outputs of farmed animals and meat production. Students study beef cattle production and either sheep production or dairy production. Topics covered in sheep production include nutrition, reproduction, genetic improvement, wool and the wool industry. Topics covered in dairy production include nutrition, reproduction, genetic improvement, principles of milk production, milk harvesting and quality.

AGRISCIENCE
117.152 15 credits
Animals and Agriculture
Knowledge of the underlying science and practices associated with the main animal production systems relevant to New Zealand agriculture, together with comparisons in an international context. Consideration of issues regarding bio-security and animal welfare.
ANIMAL SCIENCE

117.254 Principles of Animal Science and Production 15 credits
The processes of animal; nutrition, reproduction, selection and breeding, growth and development, mammary development and lactation as major components of animal science and production. The emphasis will be placed on common principles applied across differing species.

117.255 Animal Health, Behaviour and Welfare 15 credits
Provide an understanding of the major diseases and welfare of livestock in New Zealand and the relevance of these for production, market access and public health. The role of husbandry, behaviour and welfare in improving dairy and beef herd and sheep flock health. Exotic diseases of livestock and biosecurity. Livestock remedies and issues with residues in animal products. Basic horse and dog health relevant to farm use.

117.342 Animal Nutrition 15 credits
The principles of animal nutrition as related to ruminant and monogastric livestock. An in-depth coverage of the processes of feed intake, digestion, absorption and metabolism, and the factors affecting them. The determination of the nutritive value of feedstuffs, with particular emphasis on forages. Schemes for estimating animal requirements for energy, protein and minerals. The principles of ration formulation and the use of computer programmes. Practical feeding regimes, design, implementation and interpretation of nutrition trials.

117.344 Animal Growth and Meat Production 15 credits
Patterns of growth and development of farm animals will be described with emphasis on those characteristics of growth with economic implications for meat production, such as the rate, efficiency and composition of growth. Structural and functional aspects of muscle, bone and fat as they relate to animal well-being as well as carcass and meat quality will be considered. In describing factors that can affect animal growth, carcass composition and meat quality, particular attention will be given to on-farm factors.

117.345 Genetics for Livestock Improvement 15 credits
The relative influence of genetic and environmental factors on quantitative traits. Methods of calculating breeding values or indices to exploit genetic variation in quantitative traits. The use of computers to utilise pedigree and performance records. Selection for disease resistance, the use of new reproductive technologies to enhance genetic gain and the potential importance of molecular genetics in livestock improvement. Maternal influences and methods of selecting for maternal components. Crossbreeding and inbreeding as selection tools.

117.347 Reproductive and Lactational Physiology 15 credits

117.348 Animal Metabolism 15 credits
A study of animal metabolism at the whole-body level. The emphasis will be on integrative aspects of metabolism, including developing a quantitative model of nutrient and energy flow from the food to organs, tissues and products. Mechanisms controlling body metabolism in general and the intrinsic and extrinsic factors affecting them will be emphasised.

117.361 Companion Animal Science 15 credits
This course is an integration of the scientific and theoretical aspects of companion animal science. The main topics covered include the nutrition, health, behaviour, welfare, reproduction and genetics of dogs and cats. The emphasis will be placed on the scientific foundation for the promotion of animal wellbeing and longevity.

117.371 Animal Production 15 credits
The impacts of breeding, nutrition, reproduction and lactation in New Zealand animal production systems. A modularized course requiring students to select three systems from: dairy cattle production, wool production, sheep production, pig and poultry production, beef cattle production and the working dog.

117.381 Solving Problems in Animal Production 15 credits
The critical evaluation of specific aspects of breeding, nutrition, reproduction and health on animal production and the design and development of improved production systems, focusing on the underlying science. A modularized course requiring students to select two systems from: dairy, beef, sheep, pigs and poultry.

117.731 Principles of Epidemiology 15 credits
Students will study the principles of epidemiology with an emphasis on learning the skills necessary to critically evaluate the literature for the purposes of evidence-based medicine. Examples and case studies will be drawn from a range of species including humans, domestic animals and wildlife.

117.732 Epidemiological Techniques for Disease Investigation 15 credits
Students will gain the skills necessary to design an analytical epidemiological study, describe epidemiological data, plus investigate and report on an outbreak of disease. Examples and case studies will be drawn from a range of species including humans, domestic animals and wildlife.

117.735 Disease Surveillance Systems Design and Evaluation 15 credits
Students will learn to design and evaluate surveillance systems that incorporate data from one or more sectors, to meet various objectives such as identifying changes in disease patterns, applying surveillance within disease control programmes, and detecting emerging diseases. They will learn about information systems for storing disease surveillance data, and the analysis and interpretation of data generated through surveillance systems.

117.736 Management of Disease in Populations 15 credits
Students will learn how to combine a range of disease control methods into an integrated programme to control endemic and epidemic diseases, and how to evaluate the progress of a disease control programme. They will explore factors that influence health-related decision making processes in their country.

117.737 Disease Control Policy and Economic Evaluation 15 credits
Students will learn key aspects of developing disease control policy and strategies for influencing decision makers to adopt recommended policy. They will learn various approaches to economic analysis and how to apply these to evaluate disease control policy.

117.761 Ruminant Livestock Feeding 15 credits
An advanced course examining the aspects of feeding ruminants, with emphasis on the grazing animal. Rumen development in young animals; estimation of energy and protein and mineral requirements for ruminants; factors affecting voluntary intake and animal performance; nutritive value of feeds.

117.762 Intensive Livestock Feeding 15 credits
The principles and science of feed evaluation, feed requirements and diet formulation for pigs, poultry, fish and companion animals.

117.764 Growth and Meat Science 15 credits
An advanced course on animal growth and meat science, particularly with respect to the main meat-producing species farmed in New Zealand. Topics include factors affecting the rate, efficiency and composition of growth, measurement of body and carcass composition and meat quality, constraints to animal growth, the bases of variation in meat quality characteristics and physiological explanations for variation in growth. Opportunities are provided for individual students to focus on areas of personal interest.

117.765 Genetics and Breeding 15 credits
An advanced course in animal breeding and genetics designed to introduce aspects of breeding value estimation, index selection and maternal effects across herd/flock genetic evaluations, genotype by an environment interaction, major genes, applied molecular genetics, inbreeding, crossbreeding, physiological genetics and genomic selection.

117.767 Reproduction and Fertility 15 credits
An advanced course in the physiology and application of reproduction in farm animals, control of breeding activity and parturition and new reproductive technologies in relation to animal production.
117.768 15 credits
Metabolism and Endocrinology
An advanced course in the metabolism of carbohydrate, fat and protein in ruminants and/or non-ruminants. Endocrine control and nutrient flows in various physiological states.

117.769 15 credits
Lactation and Milk Production
An advanced course in aspects of physiology and biochemistry of mammary gland development and lactation that affect milk production. Principles of milk removal, machine milking, mastitis and its control.

117.771 15 credits
Dairy Production
An advanced course in the principles and practices of dairy production from grazed pastures. Management and control of feeding, effects of stocking rate on productivity, effects of grazing management, supplementary feeds, fertility, calving dates and dry-off dates, breeds and breeding in relation to dairy farm productivity.

117.772 15 credits
Sheep Production
An advanced course in the products, principles and practices of sheep production from grazed pastures. Breeds, crossbreeding and genetic improvement. Fertility and fecundity. Feed requirements and feed management in production systems.

117.773 15 credits
Beef Cattle Production

117.774 15 credits
Pig Production
An advanced course in the principles and practices of pig production. Nutrition and feeding; housing and waste disposal; growth and carcass quality; management of reproduction and genetic improvement; animal welfare; profitability; industry structure.

117.775 15 credits
Deer Production

117.776 15 credits
Poultry Production
Production of eggs and meat; energy and nutrient requirements; effects of housing, light and the thermal environment; waste disposal; welfare.

117.783 15 credits
Advanced Studies in Animal Science
Advanced studies of major physiological systems and functions in animals and their relevance to animal production. These studies can be undertaken in any of the following topics: Nutrition; Climatic Physiology; Growth and Meat Science; Genetics and Breeding; Fibre Physiology; Reproduction and Fertility; Metabolism and Endocrinology; Lactation and Milk Production, Equine Science.

117.784 30 credits
Advanced Studies in Animal Science
Advanced studies of major physiological systems and functions in animals and their relevance to animal production. These studies can be undertaken in any of the following topics: Nutrition; Climatic Physiology; Growth and Meat Science; Genetics and Breeding; Fibre Physiology; Reproduction and Fertility; Metabolism and Endocrinology; Lactation and Milk Production, Equine Science.

117.785 15 credits
Advanced Studies in Animal Production
Advanced studies of animal production methods and systems which can be undertaken in any of the important types of production animals: beef or dairy cattle; sheep; deer; horses; pigs or poultry. The studies of ruminant animal production will focus on the intensive use of grazed pastures.

117.786 30 credits
Advanced Studies in Animal Production
Advanced studies of animal production methods and systems that can be undertaken in any of the important types of production animals: beef or dairy cattle; sheep; deer; horses; pigs or poultry. The studies of ruminant animal production will focus on the intensive use of grazed pastures.
### Canine and Feline Neurology
- **Code**: 118.756
- **Credit**: 15
- Description: The principles and practice of cardiorespiratory medicine in dogs and cats for veterinary graduates. Pathophysiology, diagnosis and management of cardiac and respiratory disease.

### Wildlife Health
- **Code**: 118.731
- **Credit**: 60
- Description: An advanced course that focuses on the application of veterinary pathology, epidemiology and clinical science to the detection and management of disease in wildlife. It includes supervised practical experience, directed reading, detailed case studies and seminar presentations.

### Veterinary Diagnostic Pathology 2
- **Code**: 118.724
- **Credit**: 60
- Description: An advanced course in anatomical pathology that includes supervised performance and reporting of necropsies, histopathology, cytology, and detailed study of selected cases.

### Veterinary Public Health
- **Code**: 118.726
- **Credit**: 60
- Description: The application of veterinary science to the promotion of human health. Interrelations between agricultural practices and the environment significant to animal and human health. Food safety including undesirable residues and the HACCP concept. Food-borne diseases, zoonoses and emergence of diseases from animal reservoirs. The application of epidemiological principles to the investigation, prevention and control of diseases.

### Veterinary Diagnostic Pathology 1
- **Code**: 118.718
- **Credit**: 30
- Description: This course covers topics related to animal production management, animal health service provision and animal health economics. The focus is on applying the principles of production monitoring, information management and decision-making processes at farm level in a practical way. A broader context is provided of the structure and operation of veterinary services, industry-level process control, and the importance of animal health economics.

### Avian Medicine
- **Code**: 118.758
- **Credit**: 15
- Description: The principles and practice of avian medicine in companion birds and aviary collections, for veterinarians. Pathophysiology, diagnosis and management of diseases of birds.

### Ophthalmology in Small Animal Practice
- **Code**: 118.759
- **Credit**: 15
- Description: The principles of ophthalmology in dogs and cats for veterinary graduates. Pathophysiology, diagnosis and management of diseases of the eye.

### Canine and Feline Emergency Medicine
- **Code**: 118.761
- **Credit**: 15
- Description: The principles and practice of emergency medicine in dogs and cats for veterinarians. Pathophysiology, diagnosis and management of conditions seen in emergency practice.

### Dermatology for Small Animal Veterinarians
- **Code**: 118.762
- **Credit**: 15
- Description: The principles of dermatology in dogs and cats for veterinarians. Pathophysiology, diagnosis and management of skin diseases.

### Canine and Feline Orthopedic Surgery
- **Code**: 118.763
- **Credit**: 15
- Description: The principles and practice of orthopedic surgery in dogs and cats for veterinarians. Pathophysiology, diagnosis and management of orthopedic diseases.

### Wildlife Health
- **Code**: 118.764
- **Credit**: 15
- Description: The principles and practice of soft tissue surgery in dogs and cats for veterinarians. Pathophysiology, diagnosis and management of soft tissue diseases.

### Canine and Feline Soft Tissue Surgery
- **Code**: 118.765
- **Credit**: 15
- Description: The principles of endocrinology of dogs and cats for veterinary graduates. Pathophysiology, diagnosis and management of diseases of the endocrine glands.

### Canine and Feline Oncology
- **Code**: 118.766
- **Credit**: 15
- Description: The principles of oncology of dogs and cats for veterinary graduates. Pathophysiology, diagnosis and management of neoplastic disease.

### Diagnostic Imaging for Small Animal Veterinarians
- **Code**: 118.767
- **Credit**: 15
- Description: The principles of diagnostic imaging in small animal practice for veterinary graduates. Principles of radiography and other imaging modalities. Radiologic interpretation of all body systems, primarily of dogs and cats, and integration with case management.

### Clinical Pathology in Small Animal Practice
- **Code**: 118.768
- **Credit**: 15
- Description: The principles of clinical pathology in dogs and cats for veterinary graduates. It includes the indications, application and interpretation of haematological, biochemical, urine, cytological and special testing of dogs and cats.

### Canine and Feline Neurology
- **Code**: 118.769
- **Credit**: 15
- Description: The principles of neurology in dogs and cats for veterinary graduates. Pathophysiology, diagnosis and management of diseases of the nervous system.

### Cardiorespiratory Medicine for Small Animal Veterinarians
- **Code**: 118.770
- **Credit**: 15
- Description: The principles and practice of cardiorespiratory medicine in dogs and cats for veterinary graduates. Pathophysiology, diagnosis and management of cardiac and respiratory disease.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>118.779</td>
<td>Advanced Studies in Equine Diagnostic Imaging</td>
</tr>
<tr>
<td>118.780</td>
<td>Equine Gastroenterology</td>
</tr>
<tr>
<td>118.781</td>
<td>Marketing Management for Veterinary Practice</td>
</tr>
<tr>
<td>118.782</td>
<td>Introductory Accounting for Veterinary Practice</td>
</tr>
<tr>
<td>118.783</td>
<td>People Management for Veterinary Practice</td>
</tr>
<tr>
<td>118.784</td>
<td>Mediation and Dispute Resolution for Veterinary Practice</td>
</tr>
<tr>
<td>118.785</td>
<td>Principles of Veterinary Epidemiology</td>
</tr>
<tr>
<td>118.786</td>
<td>Applied Veterinary Epidemiology</td>
</tr>
<tr>
<td>118.791</td>
<td>Special Topic</td>
</tr>
<tr>
<td>118.792</td>
<td>Special Topic</td>
</tr>
<tr>
<td>118.793</td>
<td>Special Topic</td>
</tr>
<tr>
<td>118.799</td>
<td>Research Report</td>
</tr>
<tr>
<td>118.811</td>
<td>Research Report</td>
</tr>
<tr>
<td>118.815</td>
<td>Epidemiologic Methods 2</td>
</tr>
<tr>
<td>118.816</td>
<td>Advanced Analysis of Epidemiologic Data 1</td>
</tr>
<tr>
<td>118.817</td>
<td>Advanced Analysis of Epidemiologic Data 2</td>
</tr>
<tr>
<td>118.819</td>
<td>Biosecurity Methods</td>
</tr>
<tr>
<td>118.851</td>
<td>Research Report (MVM) (45 credit)</td>
</tr>
<tr>
<td>118.852</td>
<td>Research Report (MVM) (60 credit)</td>
</tr>
<tr>
<td>118.853</td>
<td>Advanced Profession Practice in Veterinary Science</td>
</tr>
<tr>
<td>118.857</td>
<td>Thesis 120 Credit Part 1</td>
</tr>
<tr>
<td>118.858</td>
<td>Thesis 120 Credit Part 2</td>
</tr>
<tr>
<td>118.859</td>
<td>Thesis</td>
</tr>
<tr>
<td>118.900</td>
<td>PhD Veterinary Science</td>
</tr>
<tr>
<td>119.006</td>
<td>Foundation Farm and Industry Study</td>
</tr>
<tr>
<td>119.101</td>
<td>Farm Production Systems</td>
</tr>
</tbody>
</table>
119.106 15 credits
**Farm and Industry Study**
An introductory study of farm inputs and products such as meat, milk and wool, and the application of farm practical experience, technical data, and industry procedures and practices, to contemporary issues facing farmers. Focused both within and beyond the farm gate, this course involves individual and group learning and expression.

119.116 15 credits
**Farm Management**
An introduction to farm management principles and the application of techniques for planning, implementation, and control of, agricultural systems. A study of New Zealand farms as social, economic and business units. Decision-making about land, labour, and capital, in the context of farming uncertainty. Visits to farms provide case-studies for aspects of farm management.

119.150 0 credits
**Practicum I**
Industry experience for at least ten consecutive weeks in a public or private business related to the land-based industries. A descriptive report demonstrating satisfactory observational, analytical and reporting skills is required.

119.153 15 credits
**Chemistry and Physics**
A study of introductory chemistry and physics with associated demonstrations of their role in, or application to, life processes. Energy provides a common theme for this integration of both sciences. The curriculum is linked to course 119.154 Molecules to Ecology. Essential for students with little previous knowledge of scientific principles wishing to study applied biological science.

119.154 15 credits
**Molecules to Ecology**
An integrated study of organic chemistry, biochemistry, cell biology, biological organisation and ecology with simultaneous demonstration of their involvement in life processes in natural and harvested ecosystems. Suitable for students with previous knowledge of introductory chemistry and physics wishing to concentrate in an applied biological science.

119.170 15 credits
**Maori Value Systems in Science**
An introduction to the value systems of Maori, especially as they apply to science, the environment and food products. Topics covered include whakapapa, tikanga, kaitiakitanga, iwi/hapu/whanau structures and their relationships to present-day systems. The impacts of Te Tiriti o Waitangi and selected legislation on Maori and science will also be discussed.

119.180 15 credits
**Introduction to Agribusiness**
An introduction to New Zealand agribusiness in a global context. The macro-environment and its impact on strategy and structure. The role and functions of management in agribusinesses. Descriptive frameworks for defining the impact of agribusiness inventory on liquidity, wealth and profit.

119.231 15 credits
**Agricultural and Horticultural Infrastructure**
Overview of agricultural and horticultural properties detailing the structures, electricity supply, water systems, site layout and wastewater management.

119.250 0 credits
**Practicum II**
Industry experience for at least ten consecutive weeks in a public or private business related to the land-based industries. A detailed, investigative report identifying and analysing opportunities, problems, policies and technical and research issues is required.

119.258 15 credits
**Agricultural Systems**
An interdisciplinary study of agricultural systems to describe and analyse the relationships between system components. Analysis of the inter-relationships within agricultural systems, including the sub-systems for primary production, processing, marketing and policy, and the relationships of these systems within their environment.

119.281 15 credits
**Decision Tools for Primary Industries**
Application of decision tools for farm systems analysis at the tactical level. Analytical frameworks to assist decision-making in finance, human resources, production and marketing.

119.290 15 credits
**National Expedition: Agriculture and Environment**
A study tour examining the interactions between agriculture, horticulture and environment through a series of field visits to selected agriculture, horticulture and environment systems in New Zealand. The course uses a case study and portfolio approach to develop reflective, critical, and analytical thinking on key primary industries, the New Zealand environment, and the associated interactions.

119.292 15 credits
**Special Topic**

119.358 15 credits
**Agricultural Production Systems**
An interdisciplinary study of agricultural, horticultural or equine systems. Case studies are used to integrate student’s knowledge of the production system, the human factors associated with it and the context in which it operates.

119.373 15 credits
**Integrative Studies**
An integrative course designed to emphasise the importance of the broad knowledge base gained in the degree and the value of multidisciplinary teams in addressing the issues and problems of importance to the industries served by the degree. Emphasis will be placed on the application of knowledge to problem-solving, group learning and problem-solving strategies and communication in the context of applied science. Real-world problems will be used.

119.381 15 credits
**Decision-Making in Primary Industry**
A practical approach to strategy and finance in primary industry. An exploration, through in-field case studies, of strategy, business analysis, financial management and farm borrowing and lending.

119.382 15 credits
**Opportunity Analysis in Primary Industry**
An in-depth study of opportunities for agricultural/horticultural investments. An exploration, through in-field case studies, of risk management, alternative pathways to ownership and on-farm investment analysis. A selection of topics in legislation afflicting agricultural and horticultural businesses.

119.392 15 credits
**Special Topic**

119.710 30 credits
**Nutrient Management in Grazed Pasture Systems**
An advanced, integrated study of the environmental and management factors influencing the cycling of nutrients in grazed pasture production systems. Contemporary production systems are analysed and strategies devised to maximise the efficiency of nutrient use (including fertiliser recommendations) in pasture and supplementary feed production and animal nutrition. Financial risks associated with farm management strategies that minimise environmental risk are assessed.

119.711 15 credits
**Nutrient Management in Arable Systems**
An advanced integrated course of study on the environmental and management factors, including soils, establishment systems and fertiliser application, influencing the cycling of nutrients in, and loss of nutrients from, arable production systems. Crop growth models. Crop decision support systems for nutrient management and fertiliser recommendations.
A supervised and guided independent study resulting in a published work.

**Research Practice**
Research practice for research students in science, applied science, technology and veterinary science. Topics include: philosophy of science; research ethics; literature search and review techniques; project development and management; scientific writing; oral presentation skills; vocabulary of statistics; introduction to quantitative data analysis; and completion of a research proposal. Emphasis is placed on effective communication of science.

**Thesis 120 Credit Part 1**
A supervised and guided independent study resulting in a published work.

**Thesis 120 Credit Part 2**
A supervised and guided independent study resulting in a published work.

**PhD Agriculture and Horticulture**

**120**

**PLANT BIOLOGY**

**120.101**
**Biology of Plants**
An integrated study of the structure, function and diversity of plants. Topics include: anatomy and morphology; maintenance of the organism (nutrition, photosynthesis, respiration and transport); growth and development; coordination and regulation of growth; effects of environment on growth and development; reproduction; floral biology; plant systematics and plant diversity; plant breeding, biotechnology, and genetic engineering.

**120.217**
**Plant, Cell and Environment**
A study of the growth, development and functioning of plants and their interaction with the physical environment with reference to the soil-plant-atmosphere continuum and mineral nutrition. Plant responses to environmental extremes such as waterlogging, salinity, mineral toxicities, elevated CO₂ and UV radiation will be covered.

**120.218**
**The Flora of New Zealand**
The place of the New Zealand flora in a world context. This course considers the origins and relationships of the New Zealand flora, plant distributions, adaptive features, morphology, anatomy and reproduction, along with a consideration of plant communities.

**120.219**
**Plants and People**
Plants as sources of food and beverage, medicine, fibres and dyes, with emphasis on their origin, domestication and the role of plant breeding to improve plants for human use. The physiological effects of active plant compounds on the body. The cultural and geographic origins of commercially important plants.

**120.302**
**Plant Development**
Diverse patterns of plant development that were initially described from cytological and morphological perspectives are beginning to be understood at a mechanistic level through the use of molecular and genetic techniques. This course provides an introduction to classic literature pertaining to different aspects of plant development and integrates it with more recent molecular genetic studies. The role of plant hormones and other signalling molecules in plant developed is also covered.

**120.303**
**Plant Biodiversity**
This course begins with a historical perspective outlining classic problems of evolutionary biology that are important for understanding plant biodiversity. The nature of morphological variation is discussed, as are molecular marker systems and modern techniques currently being used to investigate the evolution of plant biodiversity. Research is highlighted from studies of genetic, morphological and ecological diversity. Hypotheses concerning patterns of plant species diversification and distribution are critically discussed. Model and non-model plants are considered in terms of the insight that their study is providing into understanding morphological and ecological diversification. The relevance of these findings for historical questions, understanding and conservation of biodiversity is discussed.

**120.304**
**Plant Biotechnology**
An overview of modern methods by which plants can be modified to provide new genetic material for use in agriculture, horticulture, forestry and industry. This course links basic and applied science and focuses on the dramatic progress being made in plant tissue culture, recombinant DNA technology, QTL analysis and marker-assisted selection. Emphasis is on both prospects and limitations, and includes discussion of environmental, ethical and regulatory issues.

**120.713**
**Advanced Topics in Plant Biology**
The course will involve use of the current literature to critically examine the experimental systems used to advance knowledge in Plant Biology.
### Environmental Science

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>121.103</td>
<td>New Zealand Environments</td>
<td>15</td>
</tr>
<tr>
<td>121.210</td>
<td>Environmental Issues</td>
<td>15</td>
</tr>
<tr>
<td>121.211</td>
<td>New Zealand Environmental Issues</td>
<td>15</td>
</tr>
<tr>
<td>121.212</td>
<td>Environmental Science Field Work I</td>
<td>15</td>
</tr>
<tr>
<td>121.310</td>
<td>Environmental Solutions</td>
<td>15</td>
</tr>
</tbody>
</table>

### Environmental Solutions
A consideration of technology and innovation that can be used to measure, manage and mitigate environmental risks to soil and water. Theory and practical exercises based on New Zealand case studies equip students with numerical skills necessary to monitor and evaluate environmental quality. A student-led project allows in-depth study of a New Zealand environmental issue of particular relevance to community.

### Global Environmental Issues
A consideration of environmental issues that affect, or may affect in the future, the global ecosystem. It will include the 'Enhanced Greenhouse Effect', the 'Ozone Hole', destruction of the rainforest, desertification, population control, ocean pollution, sustainability of agriculture and fisheries.

### Environmental Science Field Work II
Two one-week field trips within New Zealand to examine issues of national and global significance to the environment.

###Applied River Management
The course covers the principles and methodology of river resource management. It integrates ecology, hydrology, geomorphology and water quality to understand how river ecosystems function and how they may be managed to maximise societal and environmental benefit.

### Biochemistry

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>122.102</td>
<td>Biochemistry of Cells</td>
<td>15</td>
</tr>
<tr>
<td>122.103</td>
<td>Genes and Gene Expression</td>
<td>15</td>
</tr>
<tr>
<td>122.231</td>
<td>Protein Biochemistry</td>
<td>15</td>
</tr>
<tr>
<td>122.232</td>
<td>Metabolic Biochemistry</td>
<td>15</td>
</tr>
</tbody>
</table>

### Genes and Gene Expression
Structure of DNA. Replication, DNA repair and transcription. Regulation of prokaryotic gene expression. Technologies used in the study of genes and gene expression: plasmids, sequencing, restriction enzymes, libraries, PCR, Southern, northern and western analysis, expression vectors and the production of recombinant proteins. A practical course that illustrates concepts presented in the lectures.

### Protein Biochemistry
Protein biosynthesis, structure and function. Topics will include protein translation, folding, targeting and post-translational modification, the relationship between protein structure and function, enzyme kinetics, mechanisms of enzyme catalysis and control, membranes and membrane proteins. Lectures will be complemented with a practical course focused on developing the appropriate skills to investigate proteins.

### Metabolic Biochemistry

### Gene Regulation
An advanced course on gene regulation. Topics include methods and experimental strategies for studying gene promoters and associated transcription factors, transcription initiation, transcription activation, role of chromatin structure in gene regulation, RNA processing, the role of non-coding RNA in gene expression and cytoplasmic control mechanisms.
in protein purification and analysis reinforces the theoretical aspects of the course.

**122.382 Clinical Biochemistry**
The biochemistry of human tissues with particular emphasis on disease detection. The practical course will include analytical methods and specialised techniques applied to clinical chemistry.

**122.703 Gene Expression**
Advanced studies of selected topics in gene regulation at transcriptional and post-transcriptional levels.

**122.704 Molecular Cell Biology**
Advanced studies of selected topics in biochemistry and cell biology

**122.713 Advanced Topics in Biochemistry**
The course will involve use of the current literature to critically examine the experimental systems used to advance knowledge in Biochemistry.

**122.798 Research Report**
A supervised and guided independent study resulting in a published work.

**122.870 Research Report**

**122.871 Thesis 90 Credit Part 1**
A supervised and guided independent study resulting in a published work.

**122.872 Thesis 90 Credit Part 2**
A supervised and guided independent study resulting in a published work.

**122.875 Thesis**
A supervised and guided independent study resulting in a published work.

**122.897 Thesis 120 Credit Part 1**
A supervised and guided independent study resulting in a published work.

**122.898 Thesis 120 Credit Part 2**
A supervised and guided independent study resulting in a published work.

**122.899 Thesis**
A supervised and guided independent study resulting in a published work.

**122.900 PhD Biochemistry**
A supervised and guided independent study resulting in a published work.

**123 CHEMISTRY**

**123.101 Chemistry and Living Systems**
This course takes a wide range of examples from everyday life to illustrate concepts of organic and biological chemistry. The structure, properties and reactions of organic compounds, identification of organic compounds using spectroscopy, and the mechanisms of organic reactions are covered. It also introduces the concepts of chemical equilibrium, particularly as they are applied to acids and base, and chemical kinetics.

**123.102 Chemistry and the Material World**
This course discusses the central role of energy dispersal in determining spontaneous physical and chemical changes. Fundamental bonding theories will be used to rationalize molecular structures. Transition metal chemistry will be used to illustrate these concepts. The importance of intermolecular forces, atomic structure and properties of elements is emphasised, and modern methods and applications are introduced.

**123.103 Introductory Chemistry**
An introductory course in chemistry suitable for students with little previous experience in the subject. The basic concepts of chemistry, including atoms and molecules, the periodic table, chemical reactions, and chemical energetics, are taught with contextual references to everyday life.

**123.171 15 credits Chemistry for Biological Systems 1**
The chemistry of biological and engineering materials underpin all food and chemical processing industries. This course extends NCEA Level 3 chemistry to facilitate this with a particular focus on the structure, properties and reactions of organic compounds. This is a required course for all Chemical and Bioprocess Engineering major and Food Technology students, who will, through tailored extension workshops apply chemical fundamentals to problems in a suitable context.

**123.172 15 credits Chemistry for Biological Systems 2**
This course introduces the Chemistry of biological and engineering materials that applies to all food and chemical processing industries. This course extends 123171 Chemistry with a particular focus on the properties and reactions of engineering and biological materials. Specifically principles of thermodynamics, properties of matter and application to electrochemical processes and biochemical transformations at a molecular level are introduced.

**CHEMISTRY**

**123.201 Chemical Energetics**
This course introduces the laws of thermodynamics which govern the equilibrium yield of any chemical reaction, and considers the factors that influence the rates of chemical reactions. Specific examples of industrial and biochemical processes, including surface processes, will be considered.

**123.202 15 credits Organic and Biological Chemistry**
Students will find out how to apply simple principles to understand the reactions of organic and biological molecules. This will provide the knowledge needed to predict how organic reactions work and to understand the related biological processes. Students will also be given the tools to identify a variety of different molecules. The laboratory course will cover the making and identification of organic materials, using the principles that have been learned in the lecture course.

**123.203 15 credits Inorganic Chemistry and Modelling**
Topics in inorganic chemistry including transition metal complexes, organometallic chemistry, bioinorganic chemistry, and main group chemistry. An introduction to symmetry, molecular orbital theory, and computational chemistry.

**123.204 15 credits Chemical and Biochemical Analysis**
A course that introduces the underlying concepts and practical methodologies used for the analysis of chemical and biochemical compounds. Both qualitative and quantitative aspects of chemical and biochemical analyses using a range of spectroscopic and laboratory techniques will be studied.

**123.206 15 credits Environmental and Analytical Chemistry**
A course that introduces the underlying concepts and practical methodologies used for the qualitative and quantitative analysis of chemical and biochemical compounds. An introduction to geochemistry and the chemistry of the atmosphere.

**123.210 15 credits Organic Chemistry Perspectives**
Aspects of organic chemistry relevant to important biological, pharmaceutical, environmental and nutrition molecules including organic reactions, reaction mechanisms, computational organic chemistry and reaction outcomes, determination of structure using analytical techniques. A course of practical work to complement the lecture material.

**123.271 15 credits Molecules to Materials**
The chemistry of biological and engineering materials underpins all food and chemical processing industries. This course extends the chemistry introduced at 100-level to facilitate a fundamental understanding of aqueous solutions, organic, inorganic and polymer chemistry relevant to food and engineering materials, and soft materials such as gels and colloids.

**123.310 15 credits Advanced Concepts in Organic Chemistry**
Computational aspects related to organic chemistry. Structure, reactivity, synthesis, retrosynthesis, structure determination by analytical methods. Mechanism of organic reactions and chemistry of heterocyclic and main group elements. An emphasis on the application of organic reactions.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>123.311</td>
<td>15 credits</td>
<td>Advanced Physical and Analytical Chemistry. Principles and applications of advanced chromatography and radiative methods and techniques, as applied to analytical chemistry. Intermolecular interactions and applications to physical and chemical properties of fluids (gases, liquids and supercritical fluids), non-electrolyte solutions and solutions of electrolytes. Principles of heterogeneously catalysed reactions and their applications to industrial processes. A course of practical work to complement the lectures.</td>
</tr>
<tr>
<td>123.312</td>
<td>15 credits</td>
<td>Advanced Organic Chemistry. Structure, reactivity and synthesis of organic molecules, retrosynthetic analysis, reactive intermediates, stereoelectronic effects, heterocyclic chemistry and nuclear magnetic resonance spectroscopy (NMR) including 2D and multinuclear experiments. The emphasis is on understanding organic reactions, utilizing them to make molecules of interest, and structural characterization by NMR. Lectures are complemented by problem solving sessions and a laboratory course which includes a small project.</td>
</tr>
<tr>
<td>123.313</td>
<td>15 credits</td>
<td>Advanced Inorganic Chemistry. The applications of group theory methods for molecular orbital theory and spectroscopy for inorganic systems including vibrational, electronic and spin spectroscopy. The chemistry of coordination and organometalllic compounds including reaction mechanisms of d-block elements, homogeneous and heterogeneous catalysis, metal-metal bonded systems and f-block elements. A course of practical work to complement the lectures.</td>
</tr>
<tr>
<td>123.326</td>
<td>15 credits</td>
<td>Advanced Chemical Biology. The fundamental molecules of life with an examination of the chemical basis for their biological functions. The fundamentals of chemical and biological catalysis will be explored, and the actions of drug molecules as mimics or inhibitors of bioprocesses will be discussed. Physical aspects and energetics will be addressed. A laboratory programme and written and oral assignments will complement the lecture material.</td>
</tr>
<tr>
<td>123.331</td>
<td>15 credits</td>
<td>Advanced Physical and Computational Chemistry. The application of quantum theory to molecular and atomic structure and spectroscopy. The use of symmetry in chemistry. Statistical and dynamical theories describing molecular behaviour and reactivity. The systematic application of computational chemistry methodology to chemical systems. A course of practical work to complement the lectures.</td>
</tr>
<tr>
<td>123.332</td>
<td>30 credits</td>
<td>Advanced Topics in Chemistry. A project in an area of chemistry aimed at preparation for postgraduate research in chemistry. A selection of modules (4 maximum) covering areas of Inorganic, Physical, Environmental, Analytical and Organic chemistry.</td>
</tr>
<tr>
<td>123.711</td>
<td>30 credits</td>
<td>Research Methods in Chemistry and Nanoscience. Four compulsory modules covering research project development and computational methods in science; two modules selected from: statistical methods for data acquisition/handling, BioNMR, single molecule techniques and polymer physics and/or a relevant topic to be negotiated.</td>
</tr>
<tr>
<td>123.712</td>
<td>30 credits</td>
<td>Advanced Nanoscience and Physical Chemistry. A selection of modules covering topics in structural diffraction methods, structural methods in biochemistry, supramolecular chemistry and self-assembly, anion receptor chemistry, sustainable chemistry, statistical mechanics, surface analysis, spin transition/activation of small molecules in chemistry and biochemistry, and a topic to be negotiated with the lecturer.</td>
</tr>
<tr>
<td>123.713</td>
<td>30 credits</td>
<td>Advanced Chemical Synthesis. A selection of modules (6 maximum) covering topics in advanced synthetic chemistry, peptides for biological applications, drug design and delivery, modified nucleic acids as probes in life sciences, activation of small molecules in chemistry and biological chemistry AND/OR a topic to be negotiated with the lecturer.</td>
</tr>
<tr>
<td>123.798</td>
<td>30 credits</td>
<td>Research Report</td>
</tr>
<tr>
<td>123.870</td>
<td>60 credits</td>
<td>Research Report</td>
</tr>
<tr>
<td>123.871</td>
<td>45 credits</td>
<td>Thesis 90 Credit Part 1. A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>123.872</td>
<td>45 credits</td>
<td>Thesis 90 Credit Part 2. A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>123.875</td>
<td>90 credits</td>
<td>Thesis. A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>123.897</td>
<td>60 credits</td>
<td>Thesis 120 Credit Part 1. A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>123.898</td>
<td>60 credits</td>
<td>Thesis 120 Credit Part 2. A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>123.899</td>
<td>120 credits</td>
<td>Thesis. A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>123.900</td>
<td>120 credits</td>
<td>PhD Chemistry</td>
</tr>
</tbody>
</table>

**Physics**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>124.129</td>
<td>15 credits</td>
<td>Astronomy. Astronomy is an ancient yet still vibrant field of study. This course introduces students to the basic heavenly bodies: planets, stars and galaxies and more exotic objects such as quasars and black-holes. Modern topics such as dark matter and extra-solar planets are included. Observational exercises including telescopes form part of the assessment.</td>
</tr>
</tbody>
</table>

**Engineering**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>124.171</td>
<td>15 credits</td>
<td>Physical Principles for Engineering &amp; Technology 1. Engineering and technology solutions are designed by applying underlying physical principles. This course extends NCEA Level 3 physics to facilitate this, with a particular focus on linear mechanics, thermophysics and electric circuits. This is a required course for all Engineering and Food Technology students, who will, through tailored tutorial problems and extension activities study physical problems in a suitable context.</td>
</tr>
<tr>
<td>124.172</td>
<td>15 credits</td>
<td>Physical Principles for Engineering &amp; Technology 2. Engineering and technology solutions are designed by applying underlying physical principles. This course extends NCEA Level 3 and 124.171 physics to facilitate this, with a particular focus on advanced mechanics, thermodynamics, simple harmonic motion, magnetic fields and electromagnetism, AC circuits. This is a required course for all Engineering and Food Technology students, who will, through tailored tutorial problems and practical laboratory sessions study physical problems in a suitable context.</td>
</tr>
</tbody>
</table>
PHYSICS

124.226 15 credits
Quantum and Statistical Physics
Kinetic theory and introductory statistical mechanics, introductory quantum physics. A course of laboratory work related to the above.

124.229 15 credits
Special Relativity and Cosmology
The empirical basis for special relativity, the Lorentz transformation, the paradoxes, Hubble’s law, the cosmological principle, the empirical basis for cosmological theories, the Big Bang Theory, the Steady State Theory. A course of laboratory work related to the above.

124.230 15 credits
Biophysics
The physics of biological systems. Modern physical techniques applied to biological systems. A course of related laboratory/literature work.

124.233 15 credits
Classical Mechanics and Waves
Classical and Lagrangian mechanics, Physics of waves and vibrations. A course of laboratory work related to the above

124.261 15 credits
Nonlinear Physics and Chaos
Nonlinear processes in mechanics, fluid dynamics, population and reaction dynamics, analytical mechanics, iterated maps, fractals, differential equations, phase space, bifurcation, strange attractors, numerical methods appropriate to the above topics.

124.316 15 credits
Advanced Experimental Physics
A course in experimental physics comprising laboratory work.

124.325 15 credits
Advanced Quantum Physics
Wave mechanics, atomic physics, solid state physics.

124.327 15 credits
Modern Statistical Physics and Thermodynamics
Modern concepts and methods of statistical mechanics, their applications in physics and to interdisciplinary problems. Thermodynamics.

124.332 15 credits
Classical Fields

124.350 15 credits
Computational Physics
A brief introduction to GNU/Linux. Popular techniques of computational physics including numerical integration, optimisation and Monte Carlo methods in the context of classic physical systems such as oscillators, spin models and the Schrödinger equation. The adaptation of these algorithms to parallel computers.

124.712 15 credits
Condensed Matter Physics

124.721 15 credits
Quantum Mechanics and Group Theory

124.722 15 credits
Relativistic Quantum Mechanics and Field Theory

124.761 15 credits
Topics in Statistical Physics and Random Processes
Random data: mean square values, probability density functions, autocorrelation functions, power spectral density functions, levels crossing. Descriptions and applications. The Optical Field: intensity fluctuations. Coherence. Nonlinear dynamics and chaos. Phase transitions, critical phenomena, mean field theory.

124.762 15 credits
Chemical Physics
Topics drawn from representative areas of Chemical Physics including: theoretical methods and algorithms; gas phase dynamics and structure; condensed phase dynamics, structure and thermodynamics; surfaces, interfaces and materials; polymers, biopolymers and complex systems.

124.798 30 credits
Research Report

124.870 60 credits
Research Report

124.871 45 credits
Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work.

124.872 45 credits
Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work.

124.875 90 credits
Thesis
A supervised and guided independent study resulting in a published work.

124.897 60 credits
Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

124.898 60 credits
Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

124.899 120 credits
Thesis
A supervised and guided independent study resulting in a published work.

124.900 120 credits
PhD Physics

FINANCE

125.111 15 credits
Financial Capability and Consumer Protection
This course introduces students to key concepts of financial capability, helping individuals to understand how best to manage and protect their financial resources during various life stages and their rights in relation to this.

125.211 15 credits
The Financial Planning Process
This course is the introductory course for the Graduate Diploma in Business Studies endorsements in Personal Financial Planning and Personal Risk Management. The course examines cash management, personal risk management, investments and estate planning and introduces students to important finance concepts.

125.220 15 credits
Financial Institutions and Markets
An overview of the operation of institutions, products and markets which make up the financial system and discusses the role of governments, both domestically and internationally, in the management of our financial system.

125.230 15 credits
Business Finance
The course provides students with a fundamental knowledge of financial theory and practice. In addition to valuation and capital budgeting, students will study working capital management, capital structure, the cost of capital, dividend policy and ethics in finance.

125.240 15 credits
Fundamentals of Investment
This course introduces the quantitative techniques that apply to investment valuation and management. Topics included are the valuation of equity
and fixed interest securities, the trade-off between risk and return and an introduction to portfolio management from the financial planning perspective.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>125.241</td>
<td>Introduction to Investments</td>
<td>15</td>
</tr>
<tr>
<td>125.250</td>
<td>Financial Modelling</td>
<td>15</td>
</tr>
<tr>
<td>125.310</td>
<td>Financial Advice Implementation</td>
<td>15</td>
</tr>
<tr>
<td>125.312</td>
<td>Applied Personal Financial Management</td>
<td>15</td>
</tr>
<tr>
<td>125.320</td>
<td>International Finance</td>
<td>15</td>
</tr>
<tr>
<td>125.330</td>
<td>Advanced Business Finance</td>
<td>15</td>
</tr>
<tr>
<td>125.340</td>
<td>Investment Analysis</td>
<td>15</td>
</tr>
<tr>
<td>125.342</td>
<td>Investment Planning</td>
<td>15</td>
</tr>
<tr>
<td>125.350</td>
<td>Financial Risk Management</td>
<td>15</td>
</tr>
<tr>
<td>125.351</td>
<td>Personal Risk Management</td>
<td>15</td>
</tr>
<tr>
<td>125.356</td>
<td>Business Insurance</td>
<td>15</td>
</tr>
<tr>
<td>125.357</td>
<td>Advanced Issues in Insurance</td>
<td>15</td>
</tr>
</tbody>
</table>

**Advanced Issues in Insurance**

This course deals with advanced technical aspects of insurance, including a solid grounding in the theory that underlies the processes of ratemaking. It also examines contemporary issues in insurance law and dispute resolution. Strategic issues in the industry, including likely future structural changes, will be analysed.

**Bank Financial Management**

An application of finance and economic theory to the financial management and operation of banks in New Zealand and internationally, from a risk and regulation perspective. Attention is also given to the fragility of modern banking and its impact on systemic risk.

**Banking Management**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>125.364</td>
<td>Bank Financial Management</td>
<td>15</td>
</tr>
<tr>
<td>125.365</td>
<td>Retail Banking</td>
<td>15</td>
</tr>
</tbody>
</table>

**Retail Banking**

A critical analysis of the main elements required for a successful retail banking operation.

**Finance**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>125.700</td>
<td>Managerial Finance</td>
<td>30</td>
</tr>
<tr>
<td>125.701</td>
<td>Quantitative Methods for Accounting and Finance</td>
<td>15</td>
</tr>
</tbody>
</table>

**Managerial Finance**

A study of the theory of finance with an emphasis on managerial decision making.

**Advanced Corporate Finance**

Advanced Corporate Finance is a course with a quantitative base. It builds a theoretical foundation from which students can consider finance issues. Consideration of corporate financial management, capital markets and long-term financial strategy is undertaken with the objective of making corporate decisions more efficiently.

**Advanced Investment Analysis**

This course provides a comprehensive coverage of advanced theory and practice regarding investments and portfolio management.

**Advanced International Finance**

This course covers advanced topics in international finance, including an understanding of the institutions and evolution of the international financial structure, the foreign exchange market and derivatives. The additional complications of applying financial theory to multinational corporations, international funding, international investing, and capital budgeting are examined.

**Advanced Financial Risk Management**

This course considers the roles of financial risk management in reducing risk and/or increasing returns in an organisation. Students will be exposed to advanced financial risk management from both theoretical and empirical perspectives.

**Research Methods in Economics and Finance**

This course provides a broad econometric and practical foundation from which students can understand and perform quality empirical research in the areas of accounting and finance.
125.804  15 credits  
Financial Asset Management  
A study of the theory and practice of financial asset management from the valuation of financial assets to the construction of financial asset portfolios through optimization processes.

125.805  15 credits  
International Finance  
A study of financial management from the international perspective with emphasis on the evolution of the current international financial structure, foreign exchange markets, and international funding and investment.

125.806  15 credits  
Financial Risk Management  
A study of the theory, practice and recent developments in financial risk management from the perspective of the firm and the domestic and global financial systems.

125.850  30 credits  
Research Report Part 1  
Candidates are required to conduct a piece of independent research under supervision and to produce a report of the research for examination.

125.851  30 credits  
Research Report Part 2  
Candidates are required to conduct a piece of independent research under supervision and to produce a report of the research for examination.

125.892  60 credits  
Research Report  
Candidates are required to conduct a piece of independent research under supervision and to produce a report of the research for examination.

125.895  60 credits  
Professional Practice  
Candidates will undertake professional practice within the subject area in which the Master of Management is being completed. Professional Practice may be conducted either individually or in groups and assessment of the outcome of the investigation may be in a variety of ways including written and oral presentations and case studies.

125.897  60 credits  
Thesis 120 Credit Part 1  
A supervised and guided independent study resulting in a published work.

125.898  60 credits  
Thesis 120 Credit Part 2  
A supervised and guided independent study resulting in a published work.

125.899  120 credits  
Thesis  
A supervised and guided independent study resulting in a published work.

125.900  120 credits  
PhD Finance

128  

**PROPERTY STUDIES**

127.241  15 credits  
Property Market Principles  
A broad based introduction to property examined from both a New Zealand and international perspective. This course incorporates the use of technology in relation to all aspects of the property market.

127.242  15 credits  
Introduction to Property Valuation  
An introduction to the principles and methods of property valuation.

127.245  15 credits  
Introduction to Property Finance and Investment  
Introduction to property investment analysis, the role of property finance and the evaluation of property financing decisions.

127.255  15 credits  
Rural Valuation I  
An introduction to valuation, examining the duties of a valuer, code of ethics and report writing as well as the principles and methods of valuation and the application of these to the valuation of residential and rural property. The course has a practical orientation containing a substantial fieldwork and case studies component.

127.341  15 credits  
Property Management and Development  
The application of analytical techniques to, and the appraisal of, the management and development of commercial real estate resources.

127.342  15 credits  
Applied Property Finance and Investment  
This capstone course is an applied study of property finance and investment analysis which includes portfolio theory in relation to property.

127.343  15 credits  
Applied Property Valuation  
The application of valuation theory in relation to commercial and industrial property, both vacant and improved, valuation practices.

127.356  15 credits  
Rural Valuation  
The valuation of rural property including: pastoral, peripheral, horticultural and forestry land issues relating to the valuation of leasehold interests and Maori Land. The dispute resolution process. The course has a practical orientation and includes a field test.

127.378  15 credits  
Property Economics  
A study of location theory, land use and their dynamics in the development of cities, using analysis of property space and asset markets.

127.700  30 credits  
Property Studies  
A study of the theory and practice of real estate, valuation and property management. (This course is designed for students with no prior formal courses in valuation and property management.)

**ERGONOMICS**

128.200  15 credits  
Healthy Workplace Design  
An ergonomics (human factors) approach to designing healthy workplaces by improving well-being, preventing ill-health and enhancing work system performance, using the World Health Organisations’ framework model, with a practical focus on analysis of musculoskeletal discomfort, pain and injury, computer workstation design and selected industries.

**MANAGEMENT**

128.300  15 credits  
Ergonomics/Human Factors: Work, Performance, Health and Design  
An introduction to Ergonomics/Human Factors (E/HF) - an inter-disciplinary holistic practice-based approach to integrate work, leisure and people in occupational, organisational, leisure (including sport, equipment, products, design and rehabilitation) environments to optimize matching of human-user-system health, performance, comfort and effectiveness: covering fundamental ergonomics principles, micro-macro-ergonomics, E/HF analytical methods, physical, psychological and social capacity and limitations of individuals and groups/teams in organizational socio-technical work and leisure environments.

**ERGONOMICS**

128.702  15 credits  
Work Capacity and Performance  
Ergonomics of the basic body systems, musculoskeletal, cardiovascular, respiratory and endocrine/neral as well as physiological energy expenditure responses and adaptation to physical work, anthropometric and biomechanical studies of group and individual factors affecting performance.

128.705  30 credits  
Ergonomics Analysis  
Principles underpinning the ergonomics approach with focus on methods of measurement, investigation, work analysis, including study of aspects of workplace, information and work organisation design as well as a study in industry which will act as an exemplar for professional practice.

128.706  30 credits  
Micro/Macro Ergonomics  
Human psychological, social and organisational characteristics and reliability related to ergonomics; systems theory, training, instruction, workplace information and organisational design.
128.707  People, Technology and Design
Consideration of people in relation to the physical environment and design technology.

128.709  Special Topic
Study in any approved ergonomics application areas.

128.801  Thesis
A supervised and guided independent study resulting in a published work.

128.803  Ergonomics Research Report

128.804  Ergonomics Professional Practice
Supervised academic and industrial professional practice training. Includes design and conduct of a practical ergonomics project in an industrial setting and demonstration of mastery of professional issues.

128.805  Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

128.806  Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

128.900  PhD Ergonomics

130  EMERGENCY SERVICES MANAGEMENT

130.202  Introduction to Emergency Management
An introduction to principles, theory and practices of emergency management.

130.203  Disaster Risk Management
A study of the principles and practice of disaster risk management including disaster risk identification and assessment processes, and the use of risk information in decision-making and communication.

130.301  Incident Command Systems
This course introduces the systems used to manage emergencies, including the New Zealand Coordinated Incident Management System and other international variations. Consideration will be given to operational management concepts and tactics for effective incident response.

130.701  Natural Hazards
A study of natural hazards and their effects. Specific attention will be paid to earthquakes, windstorms, flooding, volcanicity, tsunamis and landslips and their impact on people and the environment. Hazards particularly relevant to New Zealand will be emphasised.

130.702  Coping with Disasters
Study of the human issues and problems involved in preparing for and coping with disasters. Attitudes towards disaster preparation are studied together with the nature of disasters and their effects on human beings. The organisation and control of human behaviour during disasters will be studied together with rehabilitation interventions, particularly for the alleviation of stress for those involved.

130.705  Emergency Management
An examination of the social, psychological, community and organisational aspects of disaster management in New Zealand. Emphasis is on the development and implementation of an all-hazards, comprehensive and integrated approach to emergency management. Selected readings and case studies will be used to facilitate the development of an effective response to social, psychological, community and organisational issues.

130.706  Emergency Management in Practice
This course studies the practical application of current emergency management theory. The emphasis is on examining a specific topic area, analysing current trends and discussing practices that will enhance reduction, readiness, response and recovery efforts in managing disasters and emergencies.

130.707  Professional Inquiry in Emergency Management
Analytical inquiry into the impact of a professional practice in an area of emergency management. Provides an opportunity for students to engage in inquiry skills and a critical dialogue to articulate effective and efficient professional practice in their work environment.

130.799  Research Report in Emergency Management
A research report on a selected emergency management topic, undertaken by the individual student under the supervision of academic and professional staff. The topic and method of study must be approved by the course coordinator.

130.800  Advanced Leadership in Emergency Management 1
This course explores the theory and practice of operational and strategic leadership applied in emergencies, including organisingal psychology, politics, law, ethics, team leadership, communication and crisis decision making.

130.801  Advanced Leadership in Emergency Management
This course explores the theory and practice of operational and strategic leadership applied in emergencies, including organisational psychology, politics, law, ethics, team leadership, communication and crisis decision making.

130.802  Advanced Leadership in Emergency Management 2: Case Studies
A further exploration of the theory and practice of operational and strategic leadership applied in emergencies, including a deep examination of key case studies of advanced leadership and critical reflection on leadership practices.

130.816  Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

130.817  Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

130.881  Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work.

130.882  Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work.

130.883  Thesis
A supervised and guided independent study resulting in a published work.

130.899  Thesis
A supervised and guided independent study resulting in a published work.

130.900  PhD Emergency Management

131  DEVELOPMENT STUDIES

131.121  Rich World, Poor World
This course introduces students to the field of development studies and to some of the most pressing issues for people living in “developing” countries. It steers a course between theory and practice and uses case studies from differing parts of the world. Key themes include debt, famine, and refugees.

131.221  Global Development Issues
This interdisciplinary course investigates contemporary global development. This course will explain different approaches to development and will explore a choice of topical themes that highlight problems and some of the strategies involved in addressing global concerns.
131.321  
**Strategies for Sustainable Development**  
15 credits

A consideration of concepts, processes, practices, and possible strategies for sustainable development at global, national and community levels. Special attention is paid to examples of strategies that seek more sustainable livelihoods.

131.701  
**Development and Underdevelopment**  
30 credits

An interdisciplinary course that explores the historical origins and contemporary processes of international development. The main areas covered include: the origins and meaning of development; theories of development and underdevelopment; and contemporary approaches to development practice.

131.702  
**Development Management**  
30 credits

An applied course dealing with the processes and methods for the planning, implementation and evaluation of development programmes and projects. The course focuses on the managerial aspects and on the analytical tools that link contemporary policy frameworks and operational practices.

131.703  
**Gender and Development**  
30 credits

An examination of the interaction of gender difference, development planning and social change. Selected topics include empowerment and human rights, masculinities, the household, work, education, and health.

131.704  
**Sustainable Development**  
30 credits

This course will look at what is meant by sustainable development and present case studies of its implementation. The theoretical perspectives on sustainable development will be considered. The course aims to present a variety of concepts and ideas about sustainable development and assist students to develop critical skills in relation to global, regional and local development needs.

131.706  
**Globalisation and Development**  
30 credits

An examination of three critical themes in globalisation and development: tourism, migration, and development in conflict and post-conflict situations.

131.707  
**Development Research Design**  
30 credits

An examination of research methods and ethical issues and their application in development studies.

131.708  
**Development Practicum**  
30 credits

Advanced study in development practice, involving 260 hours of professional work in an approved development agency. As an integral part of the course, students will reflect on how this work can be understood in relation to current literature on development theory and practice.

131.798  
**Research Report (60)**  
60 credits

131.799  
**Research Report (30)**  
30 credits

131.816  
**Thesis 120 Credit Part 1**  
60 credits

A supervised and guided independent study resulting in a published work.

131.817  
**Thesis 120 Credit Part 2**  
60 credits

A supervised and guided independent study resulting in a published work.

131.897  
**Research Report International Development (60)**  
60 credits

A supervised scholarly research report in International Development.

131.899  
**Thesis**  
120 credits

A supervised and guided independent study resulting in a published work.

131.900  
**PhD Development Studies**  
120 credits

**RESOURCE AND ENVIRONMENTAL PLANNING**  

132.101  
**Introduction to Professional Planning**  
15 credits

This course is an introduction to professional planning, and provides a foundation to the development of a contemporary professional identity. It introduces students to the key ideas and individuals involved in the evolution of the rationale and origins of planning. The course is taught through reference to planning as conceived and practiced in New Zealand and internationally.

132.102  
**Introduction to Planning Analytics**  
15 credits

This course introduces the information and techniques for analytical practice in professional planning.

132.111  
**Planning and the Environment**  
15 credits

Introduction to present and historical resource and environmental planning concepts, processes and issues. Sustainability principles are examined in the context of international trends and developments and the New Zealand planning framework.

132.112  
**Planning for Sustainable Development**  
15 credits

The multi-dimensional and multi-disciplinary nature of planning is explored with reference to the challenge of sustainable development and the application of planning principles to real-world issues.

132.212  
**Professional Practice I**  
15 credits

The institutional, professional and legal settings for urban and environmental planning in New Zealand. Topics will include policy and plan development, implementation at different levels of government and the role of tangata whenua. Lectures are complemented by workshop exercises.

132.213  
**Policy Analysis and Evaluation**  
15 credits

This course examines the theory and principles of policy analysis and evaluation in the context of planning and develops skills in fundamental qualitative and quantitative methods.

132.217  
**Planning Hazard-Resilient Communities**  
15 credits

An introduction to the role of planning in building sustainable and disaster resilient communities through the use of various processes and tools to assess hazard vulnerability, reduce hazard risks, improve disaster readiness, develop effective response capabilities and facilitate recovery.

132.218  
**Building Collaborative Communities**  
15 credits

An introduction to collaborative community planning, with a particular focus on the theory and practice of public participation and conflict resolution.

132.221  
**Planning Studies**  
15 credits

An introduction for non-planners to planning and practice in the New Zealand urban, rural and natural resource environment, including an introduction to the principles of the Resource Management Act 1991 and its administration.

132.304  
**Tuhono Taiao: Maori and Planning**  
15 credits

In this course, students will examine the interface between Maori and Resource and Environmental Planning. There is a particular emphasis on students developing an ability to critically analyse environmental and other topics that emerge from this interface, and acquiring practical knowledge to work effectively with Maori communities on Planning-related issues.

132.305  
**Natural Resource Policy and Planning**  
15 credits

An interdisciplinary approach to the cultural, philosophical, legal, institutional and practical issues involved in the strategic planning and management of New Zealand’s natural heritage, including analysis of appropriate New Zealand and international case-studies.

132.311  
**Planning Theory**  
15 credits

The philosophical and theoretical context of planning; the different planning paradigms and the application of theory in the practice of planning are examined. The implications of using jargon and technical language. The roles
of planning institutes in developing professional ethics and promoting the theory and practice of planning. Studios, workshops and seminars.

132.312 Environmental and Planning Law
An introduction to New Zealand Environmental Planning law with a specific focus on the Resource Management Act 1991 and the legislative, judicial and administrative aspects of the New Zealand legal system as they relate to environmental law and the planning process. The place of law in the sustainability debate, property rights and legal aspects of the Treaty of Waitangi are covered.

132.313 Advanced Planning Techniques
This course develops advanced skills in selecting, critiquing and applying appropriate qualitative and quantitative methods to issues in planning practice.

132.314 Transport and Urban Planning
Different disciplinary approaches to transport and urban development. Determinants of national, regional, urban and suburban transport trends, policies and development. Relationship between transport paradigms, development processes and urban form.

132.403 Planning Project
A planning study of an approved topic. Emphasis is on locating the study within an accepted planning paradigm or process; problem definition based on theory and precedent; an appreciation of practice issues; researching and analysing relevant information; and producing a solution to the problem. Findings are presented in a seminar and planning report. Collaboration with academic staff. Tutorials cover presentation skills.

132.412 Professional Practice II
The knowledge and skills required by the professional planner in practice. The course makes use of workshop sessions and other forms of interactive teaching to explore current practice issues, including plan and policy development for urban and environmental issues, consultation, environmental education, mediation, resource consents and the role of the expert witness.

132.414 Urban Planning and Design
Application of the theory and design of development planning to modern cities. The institutional and disciplinary contexts and constraints within which development plans are formulated. Case studies and fieldwork, together with practical studios covering analytical methods and design. Relationship between transport, urban form and urban design.

132.415 Environmental Planning
Sustainable natural resource development approaches and debates are considered within the context of integrated natural resource planning. The course explores and applies planning theories and methods to a selected natural resource problem or issue in New Zealand. Field work as part of project research.

132.419 Professional Practice Studio
A practical context for the integration and application of knowledge to contemporary planning practice and investigation and resolution of current issues. Students’ understanding of current planning debates and the role of planning as a profession is extended through participation in debate with current protagonists of different points of view and group work to resolve and defend a position.

132.705 Applied Ecological Economics
Overview of Ecological Economics methods and tools including an applied, solution-oriented workshop designed to foster a collaborative transdisciplinary learning environment between lecturers, students and professionals/stakeholders to address a specific complex, place-based challenge, using applied, advanced level, Ecological Economics tools.

132.729 Mana Taiao: Advanced Maori Planning
Students will establish an understanding of Maori planning by exploring key Maori planning concepts in relation to the environment and relevant planning situations.

132.730 Policy Analysis and Evaluation Techniques
Analytical techniques used in planning. Evaluation methods, impact assessment, forecasting and scenario methods, use of performance indicators, soft system approaches and natural resource accounting. Techniques are illustrated by case studies and practised in computer-based exercises.

132.731 Planning Law
The Resource Management Act 1991, and the New Zealand legal system as it relates to environmental law and the planning process.

132.732 Planning Theory
The philosophical and theoretic foundations of planning and the principles of urban design are identified and analysed using studios and seminars. Business, other disciplines and indigenous approaches to environmental planning challenge traditional views about ‘public interest’. The role of planners in collaborative and communicative approaches to urban and environmental planning is identified, along with the effect of jargon in communication. The future of planning, including changes to codes of ethics and practice given a global focus on sustainable management is discussed.

132.733 Conservation Policy and Planning
A studio-based analysis of conservation policy and planning issues. Paradigm shifts in conservation biology, heritage management, ecology and integrated environmental planning approaches are explored. Scientific, community and indigenous knowledge is applied to prepare biodiversity and heritage conservation policy and plans for protected areas and private lands.

132.734 Urban Planning and Development
Different theoretical and practical approaches to urban planning and development, and consequences for the urban landscape, infrastructure, economy and services.

132.735 Natural Resource Policy and Planning
Natural resource planning principles and practice. Application of the concept of sustainable development to the management of biophysical resources and systems.

132.736 Professional Practice
Development of the knowledge and skills required by the professional planner in practice. The course focuses on a range of issues in current planning practice and examines a variety of techniques that might be used to address those issues. Interactive teaching techniques are combined with lectures.

132.738 GIS Principles and Applications
A conceptual and operational understanding of Geographic Information Systems. Students will create and link map and attribute data, perform overlay analysis, perform network analysis, create digital terrain models, make logical queries of the database, apply GIS to catchment analysis and axial analysis, present information in map form and create an application using ArcGIS. Computer-based studies.

132.739 Assessing Environmental Impacts: Principles and Practice
The principles and practice of Environmental Impact Assessment (EIA) with reference to projects, plans and policies. Case studies and group work will be used to illustrate the diversity and range of issues addressed in EIA.

132.740 Geographic Information Systems Programming and Practice
The principles and practice of programming in the context of GIS. Issues in GIS implementation.

132.741 Long-Term Community Planning
An examination of the theoretical and empirical aspects of long-term community planning and exploration of evolving good practice.

132.742 Planning History: From Town Planning to Resource Management
An advanced exploration of the historical development of planning as a discipline and profession in New Zealand.

132.751 Natural Hazards and Resilient Communities
A study of natural hazards and the role of planning in building sustainable and disaster resilient communities. Develop and apply planning processes.
and tools to assess hazard vulnerability, reduce hazard risks, improve disaster readiness, develop effective response capabilities, and facilitate recovery.

132.804 30 credits
Applied Research in Planning
An examination of research methods, traditions and techniques particularly those used in Planning research.

132.815 60 credits
Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

132.816 60 credits
Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

132.890 60 credits
Professional Inquiry in Planning
An advanced exploration of planning-based research methods and their application to independent research and analysis within a planning context.

132.893 45 credits
Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work.

132.894 45 credits
Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work.

132.895 30 credits
Research Report (30)

132.897 90 credits
Thesis
A supervised and guided independent study resulting in a published work.

132.899 120 credits
Thesis
A supervised and guided independent study resulting in a published work.

132.900 120 credits
PhD Resource and Environmental Planning

133

MUSIC

133.154 15 credits
Contemporary Musicology
In this course students are introduced to a number of established theoretical approaches and perspectives on contemporary musicology. Students are supported and encouraged to embark on an exploratory intellectual journey providing a context and critical framework for their practice and research.

133.155 15 credits
Web Development, Social Media and the Cloud
In this course students gain creative and technical skills to develop, distribute and promote their own and the work of others. Web platforms, user centred design concepts, authoring tools, net personas and social identities are used to develop successful campaigns using online channels with an awareness of the issues and debates surrounding etiquette, copyright, civil rights and privacy.

133.156 15 credits
The Recorded Work
In this course students are introduced to a diverse range of traditional and contemporary music consumption models. Students work together in multidisciplinary groups, work across media platforms and utilise the recorded work as primary media demonstrating the protection of rights in relation to the cultural, social or economic nature of the project.

133.157 15 credits
Music Video Production
This course introduces creative and technical knowledge and understanding of industry standard digital video production tools and environments for preproduction processes such as storyboarding and animatics, production processes such as camera, lighting and sound and post-production processes of editing for creation of music-based video. Students explore basic music video analysis and apply theoretical concepts to music video production.

133.158 15 credits
The Musical Engagement 'Gig'
In this course students apply skills and practices employed for staging one-off localised music events. Students will explore social, cultural and economic roles and trends associated with early stage promotion of artists and music in New Zealand and Internationally. Multidisciplinary teams develop the musical ‘set’, manage venue logistics and technical staging.

133.165 15 credits
Music Publishing
In this course students explore through practice based learning a number of key concepts and debates concerning music publishing. Students gain a basic understanding of music rights, ownership, exploitation and infringement and explore tensions, conflicts and challenges currently facing the music industry in New Zealand and internationally by new and emerging models associated with the digital economy.

133.166 15 credits
Music Label Development
In this course students explore the structures and practices of promoting and distributing popular music in New Zealand and internationally from DIY, independent and major label perspectives. Students will examine historic music industry models, the value of popular music as culture and commodity and question the opportunities new models of digital innovation are providing to artists and the industry.

133.167 15 credits
Live Music 1
In this course students are introduced to creative strategies for managing and promoting a live music concert from the localised ‘DIY’ perspective. Students gain basic knowledge and understanding of planning, budgeting, rudimentary accounting, contracts, risk assessment, marketing, and evaluation for live music concerts. Students are also introduced to legislation relating to health and safety, working hours directives and licensing.

133.168 15 credits
Music Artist Development
In this course students will be introduced to the concept of Artist Development and its role in discovering, aligning and managing artists and content. Students will also examine the notion of Artist Development in relation to digital music distribution, considering issues of quality, the future of musical culture and product development practices and strategy in New Zealand and internationally.

133.175 15 credits
Music Instrument Practice 1
In this course students engage in development of their instrumental discipline. Through a combination of one-to-one, instrument specific and mixed ensemble groups students will be supported to achieve technical and artistic skill. Musical materials will be appropriate to the instrument representing a range of popular genres.

133.176 15 credits
Music Composition and Arrangement 1
In this course students are introduced to the different approaches, elements, structures and techniques of composition and song writing. Through the exploration and analysis of a wide range of popular genres and histories students consider the relationship between musical and cultural form. Students will be introduced to music theory and keyboard skills to support the composition and arrangement of original works.

133.177 15 credits
Music Studio Production
In this course students are introduced to production techniques used in recording and mixing popular music and gain understanding of the properties of sound, studio equipment, signal paths, microphone placement, capturing musical performance, multi-track recording, mixing techniques including processing and effects and mastering. Students also apply creative processes as they gain practical knowledge of using DAWs (Digital Audio Workstations).

133.185 15 credits
Music and Sound Engineering
In this course students gain a theoretical understanding of the key concepts, techniques, and principles of sound. Technical and practical knowledge of sound recording and mixing covers analogue and digital signal processing, microphone workings and placement, monitoring, digital multi-track recording and editing, MIDI, dynamics, EQ and effects, stereo and 5.1 mixing techniques, sound to picture and mastering.

133.186 15 credits
Musical Interface and Interaction
In this course students are introduced to design and representation techniques for musical interaction. Study of historical and contemporary music interfaces builds knowledge and understanding of how performers and consumers interact with a range of music hardware and software. Students apply their knowledge and understanding to design new musical instruments, controllers, web and mobile music interfaces and experiences.
In this course students explore through practice based learning a number of Music Publishing 133.268 15 credits assessment, event logistics and legal issues relating to health and safety, HR, purchasing and analytics. Students will also gain an understanding of risk planning, financial and project management, raising capital, promotion, media and mobile media.

In this course students will gain knowledge of complex live music events internationally.

In this course students will gain knowledge of production for music-based video. Students explore basic music video analysis and apply theoretical concepts to music related video production.

In this course students will gain knowledge of national and international touring models involving booking multiple venues, support acts, technical and road logistics, wellbeing and communication, planning, management, promotion and merchandising. Students will gain practical experience through the promotion of a short tour.

In this course students explore theoretical approaches to understanding music as a cultural form in relation to society, economy and technology. An investigation of the political economy of music forms a basis for analysis of their practice and research. Students are enabled to develop strategies of collaboration and communication within groups and to employ strategies of reflection and analysis.

In this course students explore the music industry from the perspective of the music manager and examine their role in the contemporary music ecology and the wider associated creative ecology in New Zealand and internationally. 

In this course students gain theoretical and practical experience of working with analogue and digital electronics applied to audio technology. Basic product design principles are applied to creative sound and music related projects using electronic components and circuitry and rapid prototyping tools and technologies.

In this course students gain theoretical and practical experience of working with object-oriented programming to develop a range of interactive, reactive and generative music applications. Students are also supported in practical workshops to interface with microcontrollers and a range of electronic input and output devices and developing creative ideas and designs into working prototypes music applications.

In this course students will gain a knowledge and understanding of the techniques used in the production and performance of electronic music, including synthesis, and the use of relevant software and analogue and digital hardware. Students are supported in the development of commercial and experimental outcomes via practical, creative and technical approaches.

In this course students explore through practice based learning a number of key concepts and debates concerning music publishing. Students gain a basic understanding of music rights, ownership, exploitation and infringement and explore tensions, conflict and challenges currently facing the music industry in New Zealand and internationally by new and emerging models associated with the digital economy.
Music Industry Major Project Pre-production
In this course students generate and evaluate innovative concepts for a music industry major project and carry out detailed investigation into planning and resourcing requirements along with analysis of cultural, social and economic values of the proposed project. Students work individually and as a team in and across major specialisms to agree the scope and roles of the proposed project.

30 credits

Music Industry Major Project
In this course students realise an ambitious major project by means of self-directed study under academic supervision and professional mentorship appropriate to their music industry major specialism. Students are required to work individually and in teams in and across majors displaying high levels of organisation demonstrating the culmination of creative, technical, critical and professional skills gained throughout the degree.

15 credits

Music Instrument Practice 3
In this course students engage in advanced study of their instrumental discipline. Through a combination of one-to-one, instrument specific and mixed ensemble groups students are support in achieving an advanced level of technical and artistic skill. Musical materials will be delivered and appropriate to the students instrument and chosen genre(s).

15 credits

Music Composition and Arrangement 3
In this course students develop musical understandings beyond the conventional and popular music forms. Students gain theoretical and critical concepts and techniques key to process and experimentation noting musical ideas through a diverse range of graphic and natural scores. Students extend their musical awareness by actively listening and responding in small improvisation groups supported by seminar discussions.

15 credits

Music Practice Major Project Pre-production
In this course students generate and evaluate innovative concepts for a music practice major project and carry out detailed investigation into planning and resourcing requirements along with analysis of cultural, social and economic values of the proposed project. Students work individually and as a team in and across major specialisms to agree the scope and roles of the proposed project.

30 credits

Music Practice Major Project
In this course students realise an ambitious major project by means of self-directed study under academic supervision and professional mentorship appropriate to their music practice major specialism. Students are required to work individually and in teams in and across majors displaying high levels of organisation demonstrating the culmination of creative, technical, critical and professional skills gained throughout the degree.

15 credits

Music Software Development 2
In this course students extend their theoretical and practical knowledge of working with music software development applying user centred and interface development processes in the production of prototype music applications. Students are supported in gaining a technical knowledge of technologies and platforms for publishing and distributing software applications.

15 credits

Music Hardware and Electronics 2
In this course students extend their theoretical and practical knowledge of working with analogue and digital electronics applied to audio technology. Students are supported in electronic and product development workshops in transforming their creative ideas into prototype products.

15 credits

Music Technology Major Project Pre-production
In this course students generate and evaluate innovative concepts for a music technology major project and carry out detailed investigation into planning and resourcing requirements along with analysis of cultural, social and economic values of the proposed project. Students work individually and as a team in and across major specialisms to agree the scope and roles of the proposed project.

15 credits

Music Technology Major Project
In this course students realise an ambitious major project by means of self-directed study under academic supervision and professional mentorship appropriate to their music technology major specialism. Students are required to work individually and in teams in and across majors displaying high levels of organisation demonstrating the culmination of creative, technical, critical and professional skills gained throughout the degree.

15 credits

Music Special Topic
This course focuses on a particular aspect or aspects of music. Offerings change from year to year and the course may not be offered in a particular year.

15 credits

MPhil Thesis
A supervised and guided independent study resulting in a published work.

120 credits

MPhil Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

60 credits

MPhil Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

120 credits

PhD Music

120 credits

PHILOSOPHY

Knowledge and Reality
An introduction to questions about existence, perception and the mind.

15 credits

Great Western Philosophy
This course examines the ideas of some of the ‘greats’ in Western philosophy, including Socrates, Plato, Descartes, Mill and many others.

15 credits

Practical Ethics
An examination of ethical issues that arise in everyday life.

15 credits

Philosophy of Religion: God, Freedom and Evil
Selected topics from western philosophy of religion, such as the existence of God, the problem of evil, miracles, life after death, mystical experience, and the conflict between human freedom and divine foreknowledge.

15 credits

Justice and Equality
An introduction to central issues in political and social philosophy with a focus on theories of justice and equality.

15 credits

Philosophy of Mind
An investigation of many philosophical questions concerning minds, consciousness and language.

15 credits

Ethics
This course examines the theories that underpin our ethical thinking, developing an understanding of the nature of ethical thinking in general, and the advantages and disadvantages of major ethical theories.

15 credits

Aesthetics
An examination of topics in metaphysics, epistemology, logic, and ethics which arise in aesthetics and the philosophy of art.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>134.205</td>
<td>Logic</td>
<td>15</td>
</tr>
<tr>
<td>134.207</td>
<td>International Justice</td>
<td>15</td>
</tr>
<tr>
<td>134.208</td>
<td>Philosophy of Science</td>
<td>15</td>
</tr>
<tr>
<td>134.215</td>
<td>Asian Philosophies</td>
<td>15</td>
</tr>
<tr>
<td>134.216</td>
<td>Modern Philosophy</td>
<td>15</td>
</tr>
<tr>
<td>134.220</td>
<td>Business and Professional Ethics</td>
<td>15</td>
</tr>
<tr>
<td>134.221</td>
<td>East Asian Philosophy</td>
<td>15</td>
</tr>
<tr>
<td>134.302</td>
<td>Metaphysics</td>
<td>15</td>
</tr>
<tr>
<td>134.303</td>
<td>Ethics</td>
<td>15</td>
</tr>
<tr>
<td>134.305</td>
<td>Meta-ethics</td>
<td>15</td>
</tr>
<tr>
<td>134.308</td>
<td>Philosophy of Science</td>
<td>15</td>
</tr>
<tr>
<td>134.309</td>
<td>Ancient Philosophy</td>
<td>15</td>
</tr>
<tr>
<td>134.310</td>
<td>Philosophy of Literature</td>
<td>15</td>
</tr>
<tr>
<td>134.312</td>
<td>Epistemology: Seeing and Knowing</td>
<td>15</td>
</tr>
<tr>
<td>134.317</td>
<td>Recent and Contemporary Philosophy</td>
<td>15</td>
</tr>
<tr>
<td>134.321</td>
<td>Indian Philosophy</td>
<td>15</td>
</tr>
<tr>
<td>134.703</td>
<td>Ethics of War and Peace</td>
<td>30</td>
</tr>
<tr>
<td>134.710</td>
<td>Philosophical Research</td>
<td>30</td>
</tr>
<tr>
<td>134.740</td>
<td>Advanced Study of Philosophical Topics</td>
<td>30</td>
</tr>
<tr>
<td>134.750</td>
<td>Advanced Study of Philosophical Texts</td>
<td>30</td>
</tr>
<tr>
<td>134.760</td>
<td>Advanced Philosophical Inquiry</td>
<td>30</td>
</tr>
<tr>
<td>134.798</td>
<td>Research Report (30)</td>
<td>30</td>
</tr>
<tr>
<td>134.799</td>
<td>Research Report (60)</td>
<td>60</td>
</tr>
<tr>
<td>134.800</td>
<td>MPhil Thesis</td>
<td>120</td>
</tr>
<tr>
<td>134.801</td>
<td>MPhil Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>134.802</td>
<td>MPhil Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>134.816</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>134.817</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>134.837</td>
<td>Research Report Philosophy (60)</td>
<td>60</td>
</tr>
<tr>
<td>134.881</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>134.882</td>
<td>Thesis 90 Credit Part 2</td>
<td>45</td>
</tr>
<tr>
<td>134.883</td>
<td>Thesis</td>
<td>90</td>
</tr>
<tr>
<td>134.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>134.900</td>
<td>PhD Philosophy</td>
<td>120</td>
</tr>
</tbody>
</table>

For full course details and descriptions, please refer to the Massey University 2018 Calendar.
BANKING MANAGEMENT

137.703 International Banking and Financial Markets 30 credits
A review of selected topics in International and Corporate Banking and Financial Markets with an emphasis on comparative banking systems, globalisation, the international expansion of banks and international banking regulation.

137.704 Risk Management for Financial Institutions 30 credits
The identification, evaluation and control of pure risk from the viewpoint of financial institutions. Topics covered include the nature of risk management in banks; risk assessment procedures; coping with disaster; market and transfer risks, including foreign exchange and cash management; the identification of manipulation, cornering and fraud; cheque kiting and other cheque swindles; embezzlement; credit card frauds; computer systems and their risks; human resource management issues in the identification and control of risk.

137.710 The Theory and Management of Banking 30 credits
An examination of the theory and management of banking with reference to their contribution to the financial system and the ensuing regulation of modern banks.

137.711 Strategic Banking Issues 30 credits
This course addresses current strategic issues in banking, their impact on banks' individual performance and their contribution to overall financial stability.

137.894 Thesis 120 Credit Part 1 60 credits
A supervised and guided independent study resulting in a published work.

137.895 Thesis 120 Credit Part 2 60 credits
A supervised and guided independent study resulting in a published work.

137.896 Research Report 60 credits
Candidates are required to conduct a piece of independent research under supervision and to produce a report of the research for examination.

137.897 Professional Practice 60 credits
Candidates will undertake professional practice within the subject area in which the Master of Management is being completed. Professional Practice may be conducted either individually or in groups and assessment of the outcome of the investigation may be in a variety of ways including written and oral presentations and case studies.

137.899 Thesis 120 credits
A supervised and guided independent study resulting in a published work.

137.900 PhD Banking 120 credits
PhD Agricultural/Horticultural Engineering 120 credits

ENGLISH

139.104 Drama in Performance 15 credits
An exploration of three plays in performance. Students will study theories and conventions of performance and will participate in theatrical presentations. No previous experience of theatre is required.

139.105 Fiction: The Long and Short of It 15 credits
A study of short stories and novels from Mansfield to the present selected from New Zealand, England and the USA, emphasising the reading process and the varieties of fictional technique.

139.122 Contemporary Literary Forms of Aotearoa New Zealand 15 credits
An introduction to the literature of contemporary Aotearoa/New Zealand, focusing on genre and its relationship to issues of culture, politics, and literary tradition.

139.123 Creative Writing 15 credits
An exploration of the processes involved in writing poetry and short stories. Students learn the fundamental elements of craft, such as metaphor, structure and plot, through the close reading of published poetry and fiction, through their own practice as creative writers, and through providing and receiving workshop feedback.

139.133 Creative Communication 15 credits
An introduction to the dynamics involved in creative communication. Students explore these aspects of creative communication through work in, and analysis of, three creative forms: creative writing, theatre and film. Work in the course is arranged under three broad headings: Origination, Production and Reception.

139.139 Introduction to English Studies 15 credits
An introduction to the nature and functions of literary texts and the ways in which they are invested with meaning, with a focus on the skills necessary for reading and writing critically about them.

139.142 Mythology and Fantasy 15 credits
An examination of selected myths and legends and their retelling in the present day, emphasising the significance of changing cultural contexts and the ways different storytelling media mould narratives.

139.201 Poets and Players in Shakespeare's England 15 credits
An exploration of Early Modern poetry and the drama of Shakespeare’s contemporaries, focusing on love and sexuality, obsession and tragedy, ambition and comedy, in both the royal court and the new world of the empowered citizen.

139.202 Romantic Writing: Self and Nature 15 credits
A study of the relationship between self and nature as explored in texts by British writers of the period 1780-1830.

139.209 Speaking: Theory and Practice 15 credits
A study of the theoretical and practical aspects of public speaking. Attention will be paid to building a rapport with an audience, to the preparation of material for spoken delivery and to the technical elements of voice production.

139.220 Applied Theatre: Theatre for Social Change 15 credits
This course introduces students to applied, documentary and verbatim theatre. Working creatively and critically, students consider how theatre can be applied in everyday contexts outside of conventional theatre spaces to bring about social change. Theatre is analysed as an inclusive practice that contributes to the communication and celebration of identities and communities.
139.223 15 credits
Creative Processes
An investigation of human creativity that involves the study of creative practice and the making of original works of performance, film and writing.

139.224 15 credits
Making Plays for Theatre
Students will receive a grounding in the skills of writing and devising experimental theatre and an opportunity to employ these skills in the creation of original scripts.

139.225 15 credits
Writing for Children
An exploration of creative writing for children through the critical and theoretical analysis of selected contemporary writing and through students’ own production of original texts.

139.226 15 credits
Life Writing
A theoretical and practical study of the nature of life writing, including oral history, biography and autobiography, personal memoirs and family history.

139.229 15 credits
Writing Poetry
A creative writing course in which students develop and advance poetry skills within the major modes of lyric poetry and within the context of a more advanced engagement with fundamental elements of craft. In addition to reading poetry and critical essays on the genre, students will write original poetry and critically review their own work and the work of peers.

139.231 15 credits
Health Writing: Theory and Practice
An introduction to the theory and practice of writing on health and illness. It includes intensive practice in composing for diverse health genres and publications and in analysing the ways consumers obtain and process information about health developments and controversies.

139.239 15 credits
Literary Landmarks: Words that Changed the World
An introduction to methods of reading, thinking, and writing about literature from the past. Focussing on key texts from the Early Modern period to the twentieth century, the course establishes a critical framework for understanding literature’s shaping of modernity through its engagement with philosophy, politics, and other domains of culture.

139.244 15 credits
Writing for the Public
A course in writing non-fiction genres for the public, informed by a broad historical understanding of the emergence of the public sphere and its current reshaping in the digital age. Students apply rhetorical theory and theories of argument in their own writing and in analysing works by selected public intellectuals.

139.246 15 credits
Text Image Design: Digital Technical Writing
The processes and practices of writing about specialised subjects for professional audiences, with a focus on the principles of usability and information design in relation to digital technical writing.

139.253 15 credits
American Literature
An introduction to American literature, focusing on key novels, short stories and poems from the Romantic period through to the postmodern, and their relation to their historical and cultural contexts.

139.255 15 credits
Critical Periods in Aotearoa New Zealand Literature
An introduction to New Zealand’s literary history, focusing on important novels, short stories and poems in relation to their social and political contexts.

139.270 15 credits
Young Adult Fiction
A study of young adult fiction and its reception. Focussing on classic and contemporary examples, the course explores the definition of the genre and its characteristic concerns, with a focus on case studies of popular and controversial texts.

139.275 15 credits
Gothic
A study of the term “Gothic” in literature and film, relating the enduring Gothic themes of fantasy, the unconscious and death to contemporary literary and social debates.

139.280 15 credits
Writing Creative Nonfiction
An intermediate-level introduction to the craft of nonfiction writing in a variety of genres, with a particular focus on the application of techniques usually associated with fiction and poetry to nonfiction material.

139.285 15 credits
Fiction Writing
An intermediate-level study of the craft of fiction, investigating a range of forms by means of creative production, workshop and peer review.

139.301 15 credits
Shakespeare’s Worlds
An advanced study of selected dramatic works by William Shakespeare. The course explores the world his works engaged with and their influence on our own world, taking a thematic overview across a variety of genres and considering the plays in their original contexts as well as significant contemporary interpretations.

139.303 15 credits
Modern Drama
A study of innovative modern plays, by means of investigative workshops, theatrical performances, lecture/demonstrations and seminar presentations.

139.305 15 credits
Twentieth Century Literature
A study of a variety of twentieth-century fiction and poetry. Emphasis will be given to aspects of literary modernism and postmodernism in order to contextualise the literary works.

139.307 15 credits
Territory, Modernity, and Victorian Literature
An advanced introduction to Victorian literature, highlighting the engagement by nineteenth century writers with questions of liberalism, democratisation, and the expansion of the British empire.

139.320 15 credits
Theatre in Production
This course studies theatre as an expressive art, with a focus on processes of adaptation, particularly the creation of new texts from old. It combines critical and practical research, including the presentation of a developed stage work, to examine how design, music and acting generate meaning in the performance of a text.

139.323 15 credits
Script Writing
An in-depth study of the skills, formats, technique and terminology of professional script writing, with emphasis on the adaptation of traditional approaches across the diversity of contemporary media.

139.326 15 credits
Travel Writing
A study of travel writing, involving both critical and ideological analysis and creative writing developed from the students’ own field work.

139.327 15 credits
Writing Creative Nonfiction
An exploration of the genre of creative nonfiction, with particular emphasis on the creative essay and on the application of techniques usually associated with fiction and poetry (voice, point of view, narrative, lyric structure) to nonfiction material.

139.329 15 credits
Advanced Fiction Writing
An exploration of the poetics and politics of experimentation and subversion in contemporary fiction and metafiction including analysis of the work (both creative and critical) of major practitioners, theorists and original student compositions.

139.333 15 credits
Creativity in the Community
The course provides an applied service learning project in the disciplines of expressive arts and media studies. Working collaboratively, students apply skills in theatre, performance, film-making, creative writing, media practice or mixed media to developing a creative response to a social issue or community need.

139.340 15 credits
The Publishing Project
In this course, students study and experience the principles, processes and practice of publishing, through the co-production of an online publication. Key concepts include teamwork, co-production, theme selection, peer review, production scheduling, source selection, and online publishing.
139.348 15 credits

Literacy Studies
A course that explores theories of literacy and practices of textual production, in a variety of contexts: educational, technological, disciplinary, and civic. Students encounter key theoretical concerns in the academic field of writing studies and writing research, and use experimental, reflective, and theoretical writing to investigate their own and others’ advanced literacies.

139.352 15 credits

Postcolonial Literature
A study of recent writing in English from diverse cultures, paying special attention to the ways in which these address the consequences of European colonisation. Recent postcolonial theory will provide a framework for textual analysis.

139.361 15 credits

The Literature of Women
A study of the dynamics between women and patriarchal society, and their influence upon female identity constructions and writing, through the reading of selected literary texts by women. Brief reference will be made to the theoretical assumptions underlying feminist studies in order to establish the groundwork for such an enquiry.

139.374 15 credits

Tragedy
A study of tragedy as an enduring cultural concept from Ancient Greece to the present. A selection of plays will be explored through textual analysis, production workshops and theatrical performance.

139.376 15 credits

Sexual/Textual Politics
A study of the representation of gender identity, sexuality and desire in narrative literature, myth and film.

139.380 15 credits

Creative Writing Capstone: Building the Manuscript
An advanced study of the process of writing, guided by an assigned advisor, and resulting in a revised and peer-assessed final manuscript in a specified genre. The aesthetic and cultural implications of the manuscript will also be explored.

139.381 15 credits

Advanced Studies in Creative Writing
An advanced study of contemporary creative writing in the context of questions of theory, craft and genre. This course will examine formal, ethical, and cultural frames for creative work, and engage students in the workshopped production of original creative writing, with a focus on innovation, interpretation, and aesthetic contextualisation.

139.386 15 credits

Life Writing
A specialised study of the creative non-fiction sub-genre of Life Writing focusing on changing ideas about subjectivity. Students will produce original examples of self-life writing and biography which will be workshopped by peers.

139.703 30 credits

Critical and Creative Research
An introduction to practices of research with creative texts. Students will learn practical techniques for planning and producing research in critical and/or creative modes. Fostering a critical voice and debating the cultural and social value of aesthetic communication will be integral to the course.

139.707 30 credits

Women, Desire and Narrative
An advanced examination of the construction of female desire and sexuality within the patriarchal symbolic order through readings in feminist post-structuralist theory and selected literary texts. The course also focuses on the function of language and narrative forms in negating or reclaiming female subjectivity.

139.710 30 credits

Rhetoric, Composition and the Teaching of Writing
An advanced introduction to rhetoric and composition as a framework for writing research and writing instruction.

139.720 30 credits

Poetry and Politics: The English Civil Wars
This course explores poetry of the English revolution, including major poets Andrew Marvell, John Milton and Lucy Hutchinson, and theorises the relationship of writing to fighting in seventeenth-century Britain.

139.724 30 credits

Literary Revolutions: Romantic and Victorian Literature
A study of literary culture in Britain and the Pacific during the Romantic and Victorian periods. This course explores relationships between poetry, novels, travel writing and political treatises in the period, focusing on the distinctive nature of literary engagements with contemporary social and political upheavals.

139.728 30 credits

Early Modern Metadrama: Vices and Devices
An advanced study of the self-referential drama, or metadrama, of the Early Modern period and the significant social, historical, and religious tensions that shaped it. The course will investigate the creative power, cultural awareness, and moral anxieties of Early Modern authors, actors, and audiences, engaging with vices, informers, patronage, censorship and the central question of authority.

139.749 30 credits

Writing Science
An in-depth exploration of the practical skills needed to write for disciplinary academic and/or public audiences. Particular emphasis will be placed on the rhetorical context of science, audience analysis, literacy expertise, reading science, and narrative use of data and analogies when writing in a public or professional context. Students may focus their assignments on writing for disciplinary and/or public audiences.

139.750 30 credits

Contemporary New Zealand Writers in an International Context
An advanced exploration of contemporary New Zealand fiction and poetry and its relationship to international aesthetic practices, in the context of globalisation and postcoloniality.

139.751 30 credits

A Topic in New Zealand Literature
An examination of selected poems and critical writings by Allen Curnow and selected prose fiction by Janet Frame (about six novels and collections of stories, together with her Autobiography). Emphasis is given to close analytical reading of the texts and the discussion of historical and contextual as well as stylistic elements.

139.752 30 credits

Aotearoa New Zealand Drama and Performance
A study of twelve representative New Zealand plays, written between 1957 and the present, that reflect some major themes and problems of our society and offer a wide variety of theatrical idioms and techniques.

139.757 30 credits

Twentieth-Century New Zealand Fiction: Texts and Theories
A study of major works of twentieth-century New Zealand fiction in the context of significant theoretical developments and debates of the middle and late twentieth-century.

139.758 30 credits

Postcolonial Theory and Writing
An advanced exploration of contemporary New Zealand fiction and poetry and its relationship to international aesthetic practices, in the context of globalisation and postcoloniality.

139.763 30 credits

Community Theatre
What role does theatre have in the community? Is there a valid place for community theatre in a secular society? If so, what stories need to be told through theatre? How might we tell them? The exploration of these questions will involve, initially, the examination of a range of historical and contemporary models of community theatre. Students will then engage in exploratory workshops, in community research, writing, rehearsals and theatrical performance.

139.764 30 credits

Theatre for Innovation and Communication
An advanced, practical exploration of theatrical improvisation techniques in relation to enhancing creativity, innovation, leadership, teamwork, and communication performance, with an emphasis on the application of theatrical techniques to communication and innovation challenges.

139.765 30 credits

New Directions in Creative Writing
An advanced study and practice of creative writing in its myriad contemporary forms.

139.799 30 credits

Research Report (30)
### FOOD TECHNOLOGY

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>139.800</td>
<td>120</td>
<td>MPfi Thesis</td>
</tr>
<tr>
<td>139.801</td>
<td>60</td>
<td>MPfi Thesis 120 Credit Part 1</td>
</tr>
<tr>
<td>139.802</td>
<td>60</td>
<td>MPfi Thesis 120 Credit Part 2</td>
</tr>
<tr>
<td>139.816</td>
<td>60</td>
<td>Thesis 120 Credit Part 1</td>
</tr>
<tr>
<td>139.817</td>
<td>60</td>
<td>Thesis 120 Credit Part 2</td>
</tr>
<tr>
<td>139.850</td>
<td>120</td>
<td>Thesis</td>
</tr>
<tr>
<td>139.851</td>
<td>60</td>
<td>Thesis 120 Credit Part 1</td>
</tr>
<tr>
<td>139.852</td>
<td>60</td>
<td>Thesis 120 Credit Part 2</td>
</tr>
<tr>
<td>139.855</td>
<td>60</td>
<td>Master of Communication Research Project</td>
</tr>
<tr>
<td>139.860</td>
<td>120</td>
<td>Thesis</td>
</tr>
<tr>
<td>139.861</td>
<td>60</td>
<td>Thesis 120 Credit Part 1</td>
</tr>
<tr>
<td>139.862</td>
<td>60</td>
<td>Thesis 120 Credit Part 2</td>
</tr>
<tr>
<td>139.873</td>
<td>60</td>
<td>Research Report English (60)</td>
</tr>
<tr>
<td>139.881</td>
<td>45</td>
<td>Thesis 90 Credit Part 1</td>
</tr>
<tr>
<td>139.882</td>
<td>45</td>
<td>Thesis 90 Credit Part 2</td>
</tr>
<tr>
<td>139.883</td>
<td>90</td>
<td>Thesis</td>
</tr>
<tr>
<td>139.899</td>
<td>120</td>
<td>Thesis</td>
</tr>
<tr>
<td>139.900</td>
<td>120</td>
<td>PhD English</td>
</tr>
</tbody>
</table>

**FOOD TECHNOLOGY 1: Global Perspectives**

141.111 15 credits

Food Technology is the application of science and technology and mathematical principles, integrated with business and management, to develop and provide products and processes for industry and the community. In this course you will help solve problems faced by many people in need.

**Food Technology 2: Creative Solutions**

141.112 15 credits

Food Technology is the application of science and technology and mathematical principles, integrated with business and management, to develop and provide products and processes for industry and the community. This course allows you to develop your creative skills and encourages a thirst for knowledge. The development of prototyping, teamwork and communication through design form an integral part of this project focused course.

**Dairy Processing**

141.127 15 credits

Engineering principles underlying heat exchangers, pumping, centrifugal separation, homogenisation and ultra filtration. Application of these unit operations to dairy processing. An introduction to potable water and waste stabilisation treatments. A practical course.

**Food Technology 3: Product Development**

141.211 15 credits

The development of new and improved products is a key role of most practicing food technologists. This course provides the structured process and tools required for successful product development in the context of an applied project.

**Food Technology 4: Manufacturing**

141.212 15 credits

The design, development and on-going operation of manufacturing processes is central to the daily activities of most food technologists. This course explores the key variables that impact the design, development and operation of food manufacturing processes within the context of an applied project.

**Food Technology 5: Food Microbiology and Safety**

141.311 15 credits

A project-based course aimed at providing the skills and knowledge to select appropriate food processing, storage and testing methods necessary to understand the growth and control of microorganisms to ensure food safety and quality. Specific components of food analysis and risk assessment will be applied to develop analytical and problem solving skills in an industry relevant scenario.

**Food Technology 6: Food Characterisation**

141.312 15 credits

A project-based course developing the selection and utilisation of food characterisation methodologies in assessment of food/ingredient function, quality and stability. The course will focus on instrumental and sensory methods of assessing structure, appearance, flavour and texture of a variety of food products. Assessment and characterisation tools will be used to develop analytical and problem solving skills in industry relevant scenarios.

**Nutrition and Food Choice**

141.358 15 credits

Nutrient recommendations, nutrition and disease, New Zealand diet, functional foods, food choice, ethical and legal aspects of the food industry response in relation to nutrition claims and concerns.

**Food Formulation Technology**

141.362 15 credits

A study of the physico-chemical properties of food ingredients and their interactions in food systems. Selection of suitable ingredients in food formulations, in particular, stabilisers, thickeners, gelling agents and emulsifiers. Understanding of the destabilisation mechanisms of complex food systems in relation to the ingredients used. Food regulation and food law. A practical course.

**Food Chemistry**

141.395 15 credits

A practical approach to the physical, chemical, biochemical and functional properties of major and minor food constituents (water, proteins, carbohydrates, lipids, vitamins, minerals, pigments, flavours, toxins) and food groups (dairy, meat, eggs and plants). Chemical and biochemical reactions causing deterioration in foods and some methods of control. A laboratory course.

**Nutrition and Food Choice**

141.458 15 credits

Nutrient requirements, nutrition and disease, functional properties of foods, New Zealand diet, influences on food choice including relevant models, role of nutrition within the New Zealand food industry.
141.708 Food Packaging, Preservation and Storage
Application of a multi-disciplinary approach drawing from microbiology, chemistry, reaction kinetics, process engineering and packaging technology to the development, evaluation and optimisation of preservation processes, packaging technologies, and storage and supply chain systems for fresh and manufactured food products.
141.709 Emerging Technologies for the Food Industry
In depth case-studies of the principles and modelling of novel food processes, including an appraisal of the advantages and disadvantages compared with established processes. New developments in the preservation of foods, the structuring of foods, the separation of food materials and packaging, storage and handling of foods can be studied.
141.710 Food Packaging Engineering and Legislation
The properties of packaging materials and requirements of labelling/legislation and the implications of choice on product shelf life, integration with processing, transport, traceability and information systems, and impact on consumer interaction with the product, sustainability and product cost.
141.712 Strategic Food Product Development
This course provides a strategic overview of the food product development process from the initial new product strategy and its influence on identification of product opportunities through to the actual launch of the finished food product and its influence on the launch strategies and tactics adopted by a company.
141.713 Food Process Engineering Research
This course provides an overview of food process engineering. The course covers methodologies for designing experimental apparatus and selection of analytical methods for undertaking food processing research. Developing an understanding of the interaction of process equipment and the resulting physico-chemical properties of food.
141.715 Food Ingredient Functionality
A course based on the physico-chemical properties of food ingredients impacting on the: (i) stability and sensory properties (technofunctionality) and (ii) health properties (biofunctionality) of foods. A good understanding of the food destabilization mechanisms, and how to control key food reactions, will be gained. Special emphasis will be given to dairy products (dispersions, emulsions, foams and gel systems).
141.716 Research Report (Food)
Research in a defined area of Food Science, Technology or Engineering.
141.721 Tools for Food Product Development
Techniques used in Product Development, product formulation, including quantitative techniques. The principles of product and process development, risk management in new product introductions, causes of success and failure of products. The principles and practice of quantitative market research and consumer research, sensory evaluation in a commercial environment, market research tools and their use and understanding.
141.722 Food Preservation and Storage
Application of a multi-disciplinary approach drawing from microbiology, chemistry, reaction kinetics, process engineering and packaging technology to the development, evaluation and optimisation of preservation processes, packaging technologies, and storage and supply chain systems for fresh and manufactured food products.
141.723 Industrial Systems Improvement
Innovation in integrated engineering systems, emphasizing food industry systems and systems dynamics. Continuous improvement processes in industrial systems. Systems design, planning and control for fast flow of products in supply chains. Methods and measures for control and daily decision-making in food businesses. Leadership of improvement teams in the workplace.
141.724 Food Quality Safety and Innovation
This course will cover risk assessment and management techniques that can be applied to any sector of the food industry, important in the development of a new food product to ensure the development of safe foods of high quality and appropriate cost. The legal and commercial justification for ingredients, preservation, processing, packaging and distribution technologies will be taught.
141.725 Food Business Innovation
This course will comprise a series of case studies and business simulations of entire food value chains emphasising ingredient and FMCG information flows, the nature and mechanisms of FMCG retail channels and command of shelf space. Strategies will be designed for coping with sector dynamics and changing regulatory constraints for innovation dominated by technical or by business process change.
141.745 Dairy Science, Technology and Engineering
141.746 Dairy Products Technology
Case studies in which the technology and control of the manufacture of appropriate dairy products such as cheese, butter, milk powder, casein and whey protein are examined. A practical course.
141.749 Food Engineering Research Project
Students apply their problem-solving skills and accumulated knowledge to a specific Food Engineering research problem. This is an individual, scholarly research project conducted under academic supervision. Projects are either sourced from industry or are related to ongoing research and development activities at the university.
141.750 Dairy Products Research Projects
Acquisition and utilisation of specialised technical knowledge, research skills and competencies through the undertaking of projects pertaining to the investigation and critical analysis of dairy industry structure and its products and processes. A practical course.
141.755 Added-Value Processing of Food Products
A study of the latest manufacturing techniques applied to the food industry and their role in satisfying current and future needs for food manufacturers and consumers. A course designed to integrate food science, process engineering, microbiology and food safety into today’s food manufacturing environment with processing practices in order to offer novel methods to formulate foods and assure safety and quality.
141.759 Food Technology Project
An original investigation of a food industry problem or opportunity. The student works under academic supervision within an industrial research brief and learns from practice, systematic skills in problem analysis, research and communication. Consideration of ethical, legal and social environments. This major project integrates knowledge the student has already acquired.
141.772 Innovative Food Design and Development
Students will commercialise an innovative food product from idea generation through to the business case for full-scale manufacture. The emphasis is on following a formal, systematic process that utilizes both qualitative and quantitative analysis techniques, within a realistic commercial context. Critical evaluation of the product development outcome and process from commercial, technical, and professional perspectives is an important component.
141.791 Advanced Food Technology
An integrative study of food systems. Individual and group problem-based learning is used to understand political, economic, societal and technological forces shaping the global food industry. Additional aspects of the course focus on interactive project-based activities aimed at honing market awareness, product development and food production skills and competencies. Proficiency in the selection and application of appropriate tools and methodologies for quality assurance and evaluation will also be developed.
141.794 Special Topic
141.797 Food Engineering Design
Students will design an innovative factory-scale food manufacturing process based on a product specification. The emphasis is on following a formal,
systematic methodology that makes appropriate use of both mathematical modelling and empirical data, within a realistic commercial context. Critical evaluation of the design outcome and process from commercial, technical, and professional perspectives is an important component.

141.803 60 credits
Research Report: Food
Research in a defined area of Food Science, Technology or Engineering.

141.805 120 credits
Thesis
Research in a defined area of Food Science, Technology or Engineering.

141.806 60 credits
Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

141.807 60 credits
Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

141.810 45 credits
Food Innovation Research Project
Research in a defined area of food innovation.

141.848 45 credits
Dairy Science and Technology Research Project
An original research project that encourages integration of knowledge and practice of skills gained in the other courses. A rigorous scientific investigation applied to delivering technical solutions to industry defined objectives.

141.900 120 credits
PhD Food Technology

142

PROCESS AND ENVIRONMENTAL TECHNOLOGY

142.018 0 credits
Practicum I
A written report on a period of practical work demonstrating an understanding of industry structure and also the legislative elements that affect the meat industry.

142.019 0 credits
Practicum II
A written report on a period of practical work experience demonstrating an understanding of process technology in the meat industry and its application.

144

PUBLIC POLICY

144.900 120 credits
PhD Public Policy

145

GEOGRAPHY

145.111 15 credits
Society, Environment and Place
An introduction to the diversity of human geography focusing on themes such as state and economy; geography of consumption; identity and exclusion; agrifood; migration; geographies of the lifecourse.

145.121 15 credits
Introduction to Physical Geography
An introduction to the dynamics and interactions of Earth systems and Earth surface processes and landforms at a range of spatial and temporal scales.

145.202 15 credits
Working with Geographic Data
An exploration of techniques for the collection, interpretation, analysis and representation of social and environmental geographic data using geographic information systems (GIS).

145.213 15 credits
Resource Conservation and Sustainability
Various distinctly geographical approaches to resource conservation are discussed. Topics include: environmental change, human impact, renewable and non-renewable resource conservation, and the role of the state.

145.214 15 credits
Social Change and Environment
Exploration of the theme of social change and environment with reference to world systems and imperialism studied from a historical geography perspective and focusing on New Zealand.

145.216 15 credits
Urban Environments
An examination of aspects of the social, economic and political geographies of urban life, drawing upon various approaches in Human Geography.

145.218 15 credits
Development and Inequality
An investigation into how inequality impedes development in our world. Case studies from the Pacific, Asia and Africa consider the struggles of people disadvantaged by their ethnicity, gender or class.

145.222 15 credits
Rivers and Slopes
This course identifies processes operating within drainage basins and the effects of human impact on this environment. Using theoretical concepts and fieldwork, the course offers a framework for understanding slope and river landforms and sediments.

145.223 15 credits
Climate Change and Natural Hazards
Analysis of climate change and natural hazards including in-depth exploration of their causes, inter-relationships, impacts, and management.

145.224 15 credits
Biogeography
An introduction to and explanation of the geographical distribution of living organisms in terms of current and former processes. Topics include biogeographical analysis, species diversity, introduction to palynology and environmental reconstruction, biogeography of New Zealand, Australia and the Pacific, conservation biogeography, and biogeography and climate change.

145.230 15 credits
Coastal Environments
An examination of coastal processes and landforms, coastal hazards, the management of contemporary coastal environments, and the evolution of coastal environments in response to climatic changes.

145.301 15 credits
Research Practice in Human Geography
An introduction to theoretical approaches in human geography, research design and qualitative methodology and techniques. There is a compulsory fieldwork component.

145.303 15 credits
Field Work: Alpine Physical Geography
Project-based fieldwork studying process-form relationships operating at a range of scales in an Alpine environment.

145.304 15 credits
Applied Field Geomorphology
Field-based course discussing recent and ongoing geomorphic research and its application in landscape management using selected sites in the North Island.

145.311 15 credits
Geographies of Globalisation
The course explores processes of globalisation emphasising spaces and agents of global change, and global-local connections across a variety of topics.

145.318 15 credits
Geopolitics
An advanced study of geopolitics, emphasising geographical processes across a variety of topics.

145.320 15 credits
Quaternary Biogeography and Environmental Change
This course examines how we strive to understand the future of our environment, on a local to global scale, by investigating environmental evolution and change in the past, making extensive use of lab work.
### 145.327 Catchment Dynamics
Analysis of process-form relationships operating at a range of spatial and temporal scales within catchments. Incorporates fieldwork and laboratory based projects. 15 credits

### 145.707 Economic Geography
Several themes are examined in relation to the geography of advanced capitalism at global, national and intra-urban scales. Within this broad framework students are encouraged to develop personalised courses of study which reflect their individual interests. 30 credits

### 145.710 Consumption and Place
This course explores consumption processes, practices and places. Using a number of themes it encourages students to engage with relationships between production and consumption, cultural and economic change, and matters of identity and ethics. 30 credits

### 145.711 Foundations in Human Geography
An advanced exploration of the history of geographical thought, critically assessing key debates that have shaped the field and examining geographical theory and methodology. 30 credits

### 145.712 Frontiers in Human Geography
An advanced examination and exploration of contemporary issues and debates in human geography. 30 credits

### 145.730 Applied Coastal Geomorphology
A research-informed examination of coastal morphodynamics, coastal hazards and vulnerability, the evolution of coastal environments in response to climatic changes, and the management of contemporary coastal environments. 15 credits

### 145.731 Applied Fluvial Geomorphology
A research-informed analysis of process-form relationships operating at a range of spatial and temporal scales within fluvial systems, considering the implications for catchment management. 15 credits

### 145.732 Landslide Investigation and Management
A research-informed investigation of landslide processes, impacts and hazards, and solutions for their management, using a combination of field, lecture, and practical learning activities. 15 credits

### 145.734 Palaeoecology, Palynology and Biogeography
Research-based application of palaeoecological techniques and principles to investigating Quaternary biogeography, with focus on New Zealand vegetation history. In-depth application of palynology to palaeoecology and other disciplines. 15 credits

### 145.735 Detecting Geomorphic Change
A critique and hands-on deployment of a range of field surveying techniques for characterising landform surface morphology and processes, and subsequent analysis and interpretation of morphometric data for resolving research questions in geomorphology. 15 credits

### 145.736 Advanced Physical Geography Techniques
A critique and hands-on deployment of a range of techniques for characterising sediments and a range of environments, and analysis and interpretation of associated data for resolving physical geography research questions. 15 credits

### 145.801 MPhil Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work. 60 credits

### 145.870 Research Report
A supervised and guided independent study resulting in a published work. 60 credits

### 145.871 Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work. 45 credits

### 145.872 Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work. 45 credits

### 145.873 Research Report Geography (60)
A supervised and guided independent study resulting in a published work. 90 credits

### 145.881 Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work. 45 credits

### 145.882 Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work. 45 credits

### 145.883 Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work. 60 credits

### 145.889 Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work. 60 credits

### 145.900 PhD Geography
This course explores the food chain, from production, through consumption, to exchange. It considers the ways in which food is implicated in the reproduction of and resistance to, inequalities of class, gender, and ethnicity. 120 credits

### SOCIAL ANTHROPOLOGY

#### 146.101 Introductory Social Anthropology
An introduction to key contemporary topics and concepts in the discipline. 15 credits

#### 146.102 Endangered Cultures
An introduction to the impact of modern civilization on indigenous peoples based on ethnographic case studies and historical analysis. 15 credits

#### 146.206 Visual Ethnography
An in-depth exploration of visual representation from within and of a selected culture or cultures. Visual media including photography, documentary and fiction film, and video provide the basis for an intensive analysis of specific ethnographic representations in relation to wider anthropological issues. 15 credits

#### 146.208 Political Anthropology
An introduction to the anthropology of politics covering the various forms of political structures, processes and leadership in human societies as they are organized into bands, tribes, chiefdoms or states. Emphasis is placed on basic methods, concepts and theories for an anthropologically informed understanding of politics. 15 credits

#### 146.209 Food and Eating
This course explores the food chain, from production, through consumption, to exchange. It considers the ways in which food is implicated in the reproduction of and resistance to, inequalities of class, gender, and ethnicity. 15 credits
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>146.210</td>
<td>Ritual and Belief</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>A study of selected topics in the field of ritual and belief such as</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rites of passage, witchcraft, sorcery, shamanism and symbolic</td>
<td></td>
</tr>
<tr>
<td></td>
<td>representation.</td>
<td></td>
</tr>
<tr>
<td>146.211</td>
<td>Systems of Healing</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>A study of the variety of ways that people throughout the world</td>
<td></td>
</tr>
<tr>
<td></td>
<td>address the problems of illness.</td>
<td></td>
</tr>
<tr>
<td>146.213</td>
<td>Anthropological Enquiry</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>An introduction to the history of anthropological enquiry and to the</td>
<td></td>
</tr>
<tr>
<td></td>
<td>key theoretical frameworks and concepts that have shaped the</td>
<td></td>
</tr>
<tr>
<td></td>
<td>discipline.</td>
<td></td>
</tr>
<tr>
<td>146.214</td>
<td>The Politics of Culture</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>Anthropological approaches to nationalism, ethnicity and the politics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>of culture with some reference to the South Pacific.</td>
<td></td>
</tr>
<tr>
<td>146.302</td>
<td>Regional Ethnography: Asia</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>A study of historical and contemporary ethnographic work covering</td>
<td></td>
</tr>
<tr>
<td></td>
<td>one or more selected regions, with a focus on Asia.</td>
<td></td>
</tr>
<tr>
<td>146.303</td>
<td>Practice of Fieldwork</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>Through a study of accounts of field work experience by</td>
<td></td>
</tr>
<tr>
<td></td>
<td>anthropologists, students will develop their knowledge and</td>
<td></td>
</tr>
<tr>
<td></td>
<td>appreciation of the perspectives, approaches, methods, problems,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>experiences and ethics involved in anthropological field work</td>
<td></td>
</tr>
<tr>
<td></td>
<td>based on participant observation.</td>
<td></td>
</tr>
<tr>
<td>146.304</td>
<td>Culture, Biology and Racism</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>An advanced study of anthropological perspectives on the issue of</td>
<td></td>
</tr>
<tr>
<td></td>
<td>‘race’ and racism, including the nature/nurture debate, scientific</td>
<td></td>
</tr>
<tr>
<td></td>
<td>racism, biological determinism and sociobiology.</td>
<td></td>
</tr>
<tr>
<td>146.307</td>
<td>The Cultural Construction of Gender and Sexuality</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>A cross-cultural examination of the diversity and complexity of</td>
<td></td>
</tr>
<tr>
<td></td>
<td>gender relations and identity. Through a series of ethnographic</td>
<td></td>
</tr>
<tr>
<td></td>
<td>case studies, consideration of how women and men are shaped by</td>
<td></td>
</tr>
<tr>
<td></td>
<td>particular forms of social life. Past and present theorisation of</td>
<td></td>
</tr>
<tr>
<td></td>
<td>gender relations and the relation between this body of theory and</td>
<td></td>
</tr>
<tr>
<td></td>
<td>anthropological practice will be examined.</td>
<td></td>
</tr>
<tr>
<td>146.311</td>
<td>Medical Systems of China, India and the West</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>An examination of the world’s great literate Chinese, Indian and</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Western medical traditions.</td>
<td></td>
</tr>
<tr>
<td>146.313</td>
<td>Issues in South Pacific Anthropology</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>An exploration of current issues and theoretical debates in the</td>
<td></td>
</tr>
<tr>
<td></td>
<td>anthropological study of the South Pacific.</td>
<td></td>
</tr>
<tr>
<td>146.316</td>
<td>Visual Anthropology: Southasia and Global Issues</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>The study of the use of film, video and multimedia</td>
<td></td>
</tr>
<tr>
<td></td>
<td>representations of Southasia and Global issues for anthropological</td>
<td></td>
</tr>
<tr>
<td></td>
<td>research and practice.</td>
<td></td>
</tr>
<tr>
<td>146.317</td>
<td>Urban Anthropology</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>A comparative urban ecology approach to the exploration of a variety</td>
<td></td>
</tr>
<tr>
<td></td>
<td>of sociocultural phenomena distinctive to urban life. The course</td>
<td></td>
</tr>
<tr>
<td></td>
<td>also examines the contribution of urban studies to anthropology in</td>
<td></td>
</tr>
<tr>
<td></td>
<td>general.</td>
<td></td>
</tr>
<tr>
<td>146.318</td>
<td>Environmental Anthropology</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>An exploration of contemporary approaches in environmental</td>
<td></td>
</tr>
<tr>
<td></td>
<td>anthropology.</td>
<td></td>
</tr>
<tr>
<td>146.701</td>
<td>Contemporary Approaches in Anthropological Theory</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>A study of current theoretical issues and debates in social</td>
<td></td>
</tr>
<tr>
<td></td>
<td>anthropology.</td>
<td></td>
</tr>
<tr>
<td>146.703</td>
<td>The Practice of Anthropology</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>A study of the methodological and ethical dimensions of</td>
<td></td>
</tr>
<tr>
<td></td>
<td>anthropological research.</td>
<td></td>
</tr>
<tr>
<td>146.707</td>
<td>Reading and Writing Ethnography</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>Students in this course will examine contemporary exemplary</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ethnographies and develop their own ethnographic writing</td>
<td></td>
</tr>
<tr>
<td></td>
<td>practices.</td>
<td></td>
</tr>
<tr>
<td>146.708</td>
<td>Anthropology Today: Current Issues</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>Based on a close reading of an issue of a contemporary Anthropology</td>
<td></td>
</tr>
<tr>
<td></td>
<td>journal, students in this course will explore current issues, topics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>and debates in Social Anthropology.</td>
<td></td>
</tr>
<tr>
<td>146.709</td>
<td>Research Report (60)</td>
<td>60</td>
</tr>
<tr>
<td>146.799</td>
<td>Research Report (30)</td>
<td>30</td>
</tr>
<tr>
<td>146.800</td>
<td>MPhil Thesis</td>
<td>120</td>
</tr>
<tr>
<td></td>
<td>A supervised and guided independent study resulting in a published</td>
<td></td>
</tr>
<tr>
<td></td>
<td>work.</td>
<td></td>
</tr>
<tr>
<td>146.801</td>
<td>MPhil Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td>A supervised and guided independent study resulting in a published</td>
<td></td>
</tr>
<tr>
<td></td>
<td>work.</td>
<td></td>
</tr>
<tr>
<td>146.802</td>
<td>MPhil Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td>A supervised and guided independent study resulting in a published</td>
<td></td>
</tr>
<tr>
<td></td>
<td>work.</td>
<td></td>
</tr>
<tr>
<td>146.816</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td>A supervised and guided independent study resulting in a published</td>
<td></td>
</tr>
<tr>
<td></td>
<td>work.</td>
<td></td>
</tr>
<tr>
<td>146.873</td>
<td>Research Report (60 credits)</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td>A supervised and guided independent study resulting in a report.</td>
<td></td>
</tr>
<tr>
<td>146.881</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td></td>
<td>A supervised and guided independent study resulting in a thesis.</td>
<td></td>
</tr>
<tr>
<td>146.882</td>
<td>Thesis 90 Credit Part 2</td>
<td>45</td>
</tr>
<tr>
<td></td>
<td>A supervised and guided independent study resulting in a thesis.</td>
<td></td>
</tr>
<tr>
<td>146.883</td>
<td>Thesis</td>
<td>90</td>
</tr>
<tr>
<td></td>
<td>A supervised and guided independent study resulting in a thesis.</td>
<td></td>
</tr>
<tr>
<td>146.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td></td>
<td>A supervised and guided independent study resulting in a published</td>
<td></td>
</tr>
<tr>
<td></td>
<td>work.</td>
<td></td>
</tr>
<tr>
<td>146.900</td>
<td>PhD Social Anthropology</td>
<td>120</td>
</tr>
<tr>
<td></td>
<td>A supervised and guided independent study resulting in a published</td>
<td></td>
</tr>
<tr>
<td></td>
<td>work.</td>
<td></td>
</tr>
<tr>
<td>146.800</td>
<td>Research Report (30)</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>A supervised and guided independent study resulting in a published</td>
<td></td>
</tr>
<tr>
<td></td>
<td>work.</td>
<td></td>
</tr>
<tr>
<td>146.873</td>
<td>Research Report (60)</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td>A supervised and guided independent study resulting in a report.</td>
<td></td>
</tr>
<tr>
<td>146.881</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td></td>
<td>A supervised and guided independent study resulting in a thesis.</td>
<td></td>
</tr>
<tr>
<td>146.882</td>
<td>Thesis 90 Credit Part 2</td>
<td>45</td>
</tr>
<tr>
<td></td>
<td>A supervised and guided independent study resulting in a thesis.</td>
<td></td>
</tr>
<tr>
<td>146.883</td>
<td>Thesis</td>
<td>90</td>
</tr>
<tr>
<td></td>
<td>A supervised and guided independent study resulting in a thesis.</td>
<td></td>
</tr>
<tr>
<td>146.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td></td>
<td>A supervised and guided independent study resulting in a published</td>
<td></td>
</tr>
<tr>
<td></td>
<td>work.</td>
<td></td>
</tr>
<tr>
<td>146.900</td>
<td>PhD Social Anthropology</td>
<td>120</td>
</tr>
<tr>
<td></td>
<td>A supervised and guided independent study resulting in a published</td>
<td></td>
</tr>
<tr>
<td></td>
<td>work.</td>
<td></td>
</tr>
<tr>
<td>147.101</td>
<td>Rehabilitation Studies</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>An introduction to the principles and practices of rehabilitation.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>The processes of rehabilitation are explored with particular</td>
<td></td>
</tr>
<tr>
<td></td>
<td>reference to the International Classification of Functioning,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Disability and Health (ICF). Emphasis is placed on exploring a</td>
<td></td>
</tr>
<tr>
<td></td>
<td>person-centred approach to rehabilitation.</td>
<td></td>
</tr>
<tr>
<td>147.102</td>
<td>Mental Health and Society</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>The course provides an introduction to mental health and illness with</td>
<td></td>
</tr>
<tr>
<td></td>
<td>a focus on New Zealand society. Attention is given to the social</td>
<td></td>
</tr>
<tr>
<td></td>
<td>context of mental health and wellbeing, including the impact of</td>
<td></td>
</tr>
<tr>
<td></td>
<td>inequalities on mental health, and the experience of stigma for</td>
<td></td>
</tr>
<tr>
<td></td>
<td>those with a mental illness.</td>
<td></td>
</tr>
<tr>
<td>147.201</td>
<td>Issues in Rehabilitation</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>A study of major issues related to rehabilitation processes and</td>
<td></td>
</tr>
<tr>
<td></td>
<td>practices. Students will examine rehabilitation in relation to</td>
<td></td>
</tr>
<tr>
<td></td>
<td>personal, social and environmental factors and be introduced to</td>
<td></td>
</tr>
<tr>
<td></td>
<td>terms, concepts and models related to disability, age, gender,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>culture, legal and political contexts, family and</td>
<td></td>
</tr>
<tr>
<td></td>
<td>society, advocacy and inclusion.</td>
<td></td>
</tr>
<tr>
<td>147.202</td>
<td>Mental Health Policy and Practice</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>The course provides an overview of the policy and practice of</td>
<td></td>
</tr>
<tr>
<td></td>
<td>mental health services and wellbeing in New Zealand. Attention is</td>
<td></td>
</tr>
<tr>
<td></td>
<td>given to the role of</td>
<td></td>
</tr>
</tbody>
</table>
housing, education and employment in promoting wellbeing among people with a mental illness. The importance of health policy for promoting mental health is also described.

147.302  15 credits
Alcohol and Drug Use
The course focuses on alcohol and drug use in New Zealand, including biophysical, psychological and social aspects; the epidemiology of drug use and associated problems, including legal and public policy responses. An overview of interventions required to reduce harmful psychological, medical and social impacts is provided with particular emphasis on harm reduction and health promotion as intervention tools.

147.303  15 credits
Case Mgmt & Rehabilitation Counselling
An investigation of the major theories, frameworks, support systems and practices employed in rehabilitation counselling, case management, and vocational rehabilitation. Emphasis is placed on assessment, vocational and avocational rehabilitation, and interprofessional practice.

**HEALTH**

147.317  15 credits
Disability in Society
This course examines the social and political context in which disability is created in contemporary society. Topics covered include models of disability, the disability industry, the disability rights movement, the body, cultural and media representations and the politics of disablement.

147.333  15 credits
Health and Ageing
This course offers an examination of research, recent policy initiatives and theoretical knowledge related to health and well-being of New Zealand’s ageing population.

**REHABILITATION STUDIES**

147.701  30 credits
Rehabilitation Theory and Practice
Rehabilitation theory, process and practice in physical, social and vocational rehabilitation are examined. Models of rehabilitation are investigated alongside theories and models of health and disability, advocacy and person-centred rehabilitation.

147.702  30 credits
Rehabilitation Counselling
A broad survey of the counselling approaches in dealing with personal adjustment to disabling conditions is undertaken. Emphasis is placed on counselling theories and their application to the area of rehabilitation from a cross-cultural perspective.

147.703  30 credits
Vocational and Rehabilitation Counselling
A thorough investigation of the major theories, frameworks, support systems and practices employed in rehabilitation counselling, case management, and vocational rehabilitation. Emphasis is placed on assessment, vocational and avocational rehabilitation, injury management and interprofessional practice.

147.704  30 credits
Drugs and Society
This course explores the historical relationship between drugs and society, identifying fundamental patterns in the development of current international approaches to drug control, treatment and rehabilitation, reviewing evidence both for and against these approaches, and illustrating their ramifications for treatment and rehabilitation programmes.

147.705  30 credits
Education and Rehabilitation of the Visually Impaired
Exploration of the unique aspects of rehabilitation and special education as they pertain to visually impaired children and adults. The causes, effects on functioning and remediations, and the specific services and delivery systems available are covered. Emphasis is placed on low vision services throughout.

147.706  30 credits
Adaptive Communication and Independent Living Skills
Exploration of the effects of disability on communication and other activities of daily living. Sensory alternatives, creative adaptations and methods of intervention are reviewed. Emphasis is placed on assessment, task analysis and instructional design.

147.707  30 credits
Orientation and Mobility
Exploration of the principles of independent travel for blind and visually impaired people, as well as the specific techniques employed to achieve safe and efficient travel in myriad environmental settings.

147.709  30 credits
Rehabilitation Practicum
Supervised practice in field work placements in one or more areas of rehabilitation. Placements will be selected by the student in consultation with the course coordinator and be carried out under the direction of an approved supervisor.

147.712  30 credits
Coexisting Substance Use and Mental Health Problems
An examination of contemporary therapeutic models of care for clients with coexisting substance abuse and mental health disorders. A range of assessment, engagement and intervention strategies, which underpin effective rehabilitation, are introduced. Cultural and psychosocial influences and relevant legislation are addressed.

147.791  30 credits
Special Topic I

147.798  60 credits
Research Report (60) 147.799

147.816  60 credits
Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

147.817  60 credits
Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

147.899  120 credits
Thesis

147.900  120 credits
PhD Rehabilitation

148

**HISTORY**

148.116  15 credits
The Medieval World and its Legacy
An introductory survey course on the history of Medieval Europe examining the development and long term influence of its political institutions, society and culture.

148.141  15 credits
A History of New Zealand's Peoples
This course explores the historical background of the different migrant communities which have made up New Zealand society and their relationships with each other. Students will consider the different experiences and perspectives of iwi, English, Scots, Welsh and Irish migrants and those from Europe and Asia arriving before the 1990s, and of new migrants since that time.

148.142  15 credits
The American Century
This course explores the political, economic and cultural influence of the US on world history from the presidencies of Teddy Roosevelt to George W. Bush, as the United States emerged from two world wars and the Cold War as the globe’s dominant political, economic, cultural and military power.

148.143  15 credits
The Past as Entertainment: History Through Movies, Mini-series and Games
The ways in which popular culture shapes our understanding of the past are examined through recent movies, mini-series and games. The course explores the different ways historians and the makers of popular cultures interpret the past.

148.217  15 credits
Victoria's World
A study of the economic, social and cultural history of Britain and its empire from about 1830 to World War I.

148.218  15 credits
The Vikings
A study of Viking contacts in Europe during the 8th-11th centuries, with a focus on the political, economic, social and religious contexts of the migrations to and settlements in the north-eastern Atlantic (France, England, Ireland, Scotland and Iceland).
148.220 15 credits
The Second World War
A survey of the Second World War which is both thematic and chronological.

148.221 15 credits
The Black Death and Other Plagues, 1300-1700
A study of epidemic disease and its effects in medieval and early modern Europe.

148.241 15 credits
Revolution, Rights and the Atlantic World, 1763 to 1848
This course explores the revolutionary era beginning with the American and French revolutions in the late eighteenth century and concluding with the year of European revolution in 1848. The course will explore the role of ideas about society, constitutions and government, politics and religion, as well as examining conservative and radical responses and the impact of the era on society.

148.242 15 credits
The Age of Jihad and Crusade
A study of medieval Jewish-Christian-Muslim relations with particular emphasis on the theory and practice of crusading and jihad.

148.243 15 credits
The Sixties: Sex and Drugs and Rock and Roll?
This course assesses ‘myths and legends’ that surround the 1960s; most notably the ideas that the decade witnessed a fundamental shift in social and moral attitudes, witnessed a youth rebellion and ushered in a ‘permissive society’. The course will place the origin and legacy of these changes within the larger context of twentieth century history.

148.244 15 credits
The Great War 1914-1918: a Military and Social History
This course examines the social and military history of the First World War. It focuses on the tactics and technology used during the conflict and on the war’s impact on society, culture, politics and economics.

148.245 15 credits
Maori and Colonisation
A study of Maori efforts to retain and enhance tino rangatiratanga and mana motuhake since colonisation.

148.246 15 credits
Iwi History
A study of iwi histories, their sources, role in maintaining tribal identity and well-being and use before the Waitangi Tribunal and in Treaty Settlements.

148.248 15 credits
Reformers, Radicals & Revolutionaries: Protest in New Zealand
This course examines protest in New Zealand from 1900 until the present. It examines the role of protest in challenging New Zealand’s prevailing values, political elites and policies.

148.308 15 credits
New Zealand Military History: 1899 to 2001
An investigation of New Zealand’s military history in the period 1899 to 2001. The various wars and conflicts are examined in detail as is their impact on New Zealand’s politics, society and culture.

148.309 15 credits
The New Zealand Wars
A study of the New Zealand Wars, focusing on the causes, campaigns, historiographical interpretations and consequences, including the investigations of the Waitangi Tribunal and Treaty Settlements.

148.310 15 credits
The Tudors and the Reformation
A study of religious, political and cultural issues related to the Tudor administrations and the Reformation of the English Church during the sixteenth century.

148.316 15 credits
New Zealand Between the Wars
A study of developments in the period between the two World Wars.

148.317 15 credits
New Zealand Religious History
The institutional and social history of religion in New Zealand from the missionary age to the present.

148.333 15 credits
The Napoleonic Wars
An analysis of the Napoleonic Wars, 1799-1815, and their impact on politics and society.
149.170 Introduction to Border Security 15 credits
An introduction to the concept of border security. It will explore security challenges and the implications of these to border security both internationally and for New Zealand. It will also look at the various border security agencies and their responses to managing border security risks with a focus on interagency collaboration, risk management and the impact of policy.

149.180 Introduction to Security Studies 15 credits
An introduction to contemporary security studies focusing on traditional and non-traditional security challenges and the ways in which security is understood and conceptualised in security studies discourse.

149.190 Police and Policing in Society 15 credits
An introduction to theories and concepts of policing and how the nation and society fit into these. The course will also provide an overview of the evolution of police and law enforcement internationally and nationally.

149.210 Intermediate Logistics 15 credits
This course continues the study of military logistics in a contemporary perspective through an examination of a multi-functional logistics environment at the tactical level in peace and war.

149.215 Emerging Issues in Defence Studies 15 credits
An examination of emerging and re-emerging defence issues within the global environment, in particular the impact of these matters on the character of contemporary warfare and the employment of military forces.

149.245 Irregular Warfare 15 credits
The theory and conduct of irregular warfare including in joint (interservice), combined (multinational) and interagency environments, and incorporating both historical and contemporary case studies.

149.255 Conventional Warfare 15 credits
An examination of the theory and conduct of contemporary conventional warfare by studying the combat and non-combat use of military forces within joint (inter-service), combined (multinational) and interagency environments.

149.265 Maritime Strategy 15 credits
A study of maritime strategy with a focus on maritime power theories, principles, and technology. The course includes particular reference to the Asia-Pacific maritime environment.

149.271 The Security of Global Trade 15 credits
This course explores the security of global trade, the supply chain, and the role of New Zealand and overseas border agencies. The course analyses the rise of globalisation, forging trade links and New Zealand agency roles in this context. The course addresses the balance between trade and security that states, state actors and wider society need to consider.

149.272 Intelligence in the Security Environment 15 credits
This course provides a critical examination of intelligence focusing on the security environment. It looks at contemporary global and New Zealand-specific security risks, the intelligence cycle, and intelligence models that collect and analyse information to produce intelligence products that inform decision making.

149.280 Security Issues in the Asia-Pacific 15 credits
This course examines emerging and re-emerging security issues in the Asia-Pacific and the theoretical and explanatory approaches used to understand and mitigate them.

149.285 Security in the Information Age 15 credits
This course examines the threats posed by Cyber Crime, Cyber Terrorism, Cyber Intelligence, Cyber Infrastructure and Cyber Warfare to individuals, organisations and government agencies, including the origins of threats, the evolution of technologies, the role of the state in offensive and defensive applications, as well as ethical considerations in the form of accountability and transparency.

149.300 Current Issues in Command Studies 15 credits
An examination of contemporary events and trends in the political, military and social environment that may impact upon the nature of command, both now and in the future. The course employs a collaborative approach to the identification and analysis of current issues in the field of command studies.

149.315 Strategic Issues in Defence Studies 15 credits
An examination of military strategy and the employment of military forces in the global security environment by focusing on traditional and non-traditional use of military forces, how strategic studies might influence and shape military strategy formulation and our understanding of the role of military forces in response to global security challenges.

149.325 International Peacekeeping 15 credits
A critical examination of the theories, concepts, evolution, and contemporary practice of peacekeeping (including peace-making, peace support, and peace enforcement) with application to the regional and global environments.

149.335 Law of Armed Conflict 15 credits
This course is an examination of the law of armed conflict during times of international and non-international armed conflict.

149.350 The History of Defence and Security Intelligence 15 credits
A study of defence and security intelligence from ancient times through to today, with emphasis on the evolution of intelligence organisations and activities, the impact of technological advances, and the wider political, social and ethical issues surrounding its practice.

149.360 Defence and Security Technology 15 credits
This course is an examination of the essential elements of technology in the defence and security environments and their impact upon the conduct of defence and security operations.

149.370 Psychology of Evidence in the Security Environment 15 credits
This course is an examination of the scientific field of psychology of evidence with a focus on practical application by police and security forces. Topics covered include psychological factors related to eyewitness testimony, false memories, investigative interviewing, false confessions, and detecting deception.

149.380 Strategy and Security 15 credits
This course explores strategy and security in global politics. It examines how different explanatory approaches can influence and shape strategy formulation and our understanding of security challenges.

149.381 Terrorism and Political Violence 15 credits
This course critically explores the concept of ‘Terrorism’ and related forms of political conflict and violence. New Zealand’s understanding and responses to the phenomena labelled as ‘terrorism’ will be a key aspect of the course. The course will also address such substantive issues as the how non-state actors engaged in political conflict and violence fund their activities.

149.382 Biosecurity Theory and Practice 15 credits
An exploration of “biosecurity” from a security studies theoretical perspective, and exposing students to a range of contemporary biosecurity issues and their management.

149.385 Security and the Law 15 credits
The course examines the institutions and legal principles that regulate the conduct of states in relation to national and international security.

149.701 The New Zealand Strategic Environment 30 credits
A study of strategic theory and the domestic and international factors affecting New Zealand’s strategic environment.

149.704 Leadership, Management and Command 30 credits
An advanced study of the interrelated components of leadership, management and command with an emphasis on how these are applied in the contemporary security environment.
149.707 The Middle East Security Environment
An advanced study of the Middle East security environment with a focus on the interplay of the geography, history, politics, and religions of the region and the impacts of these on both regional and global security.

149.709 Terrorism, Insurgency and Transnational Crime
A consideration of the phenomenon of contemporary terrorism, its impact and the implications for defence and security forces.

149.710 Military History
The study and application of military history in the military profession for the contemporary operating environment. The course assesses and analyses military history as a training, educational and doctrine- or policy-relevant learning tool, its relevance to tradition and esprit de corps, its methodologies and key debates, and forms of dissemination such as the professional journal, the staff ride, commemorative activity, museums, and official history.

149.715 The Asia-Pacific Strategic Environment
An advanced study of strategic theory and domestic and international factors affecting the Asia-Pacific strategic environment with emphasis given to strategic, national security and defence policy in the region.

149.716 Security of China as a Great Power
A study of the People’s Republic of China as a strategic actor at regional and international levels.

149.720 International Security
A critical analysis of the essential principles of international security as applied in the contemporary operating environment. It explores the combined effects of a diverse range of factors on international security and evaluates the major ethical implications of the emerging security challenges and the potential responses to them.

149.725 International Security and Peacekeeping
An advanced study of the role of peacekeeping in international security with a focus on the factors that need to be considered when establishing, conducting and evaluating international peacekeeping interventions in a multinational and interagency environment.

149.732 Public International Law for Defence and Security
The course examines the international institutions and legal principles that regulate the conduct of states specifically in relation to defence and security issues, including the effectiveness of international bodies, the challenges of exercising jurisdiction, and the implications for defence and security policies of international cooperation with regard to international criminal and humanitarian law.

149.740 Security and Crime
This course undertakes a critical assessment of criminological theories and the methods in which crime is described and analysed in relation to the international security environment. This course focuses on the role of various agencies in reducing and containing transnational crime and the merits of national security policies.

149.741 Intelligence in the International Security Environment
An analysis of intelligence in the international security environment, focusing on key concepts and methodologies of intelligence gathering and analysis, the intelligence cycle, and analysis of applied intelligence in investigations and detection.

149.744 Intelligence Operations
This course provides a critical analysis of security intelligence operations, utilising research and observations from selected case studies to understand the changing nature of intelligence and critically appraise the role of intelligence in national and international security operations.

149.745 Crime Science
A critical examination and application of the formal principles of Crime Science. Defined as a distinct method capable of facilitating the prevention and detection of crime by studying crime, not offenders the course will explore the underpinning features of Crime Science – ensuring problem identification and response options are all carefully understood before any application of Crime Science techniques are considered.

149.760 Defence and Security Technology
An in-depth examination of advanced elements of defence and security technology and their impact on warfare and security operations.

149.770 Border Management in the Contemporary Security Environment
A study of interagency border management set against the backdrop of key events in the contemporary security environment, with reference to international case studies that enable analysis and evaluation of the principles and processes of establishing and operating an interagency border management environment.

149.790 Research Methods in Defence and Security Studies
Theory, practice and application of research for scholarly and professional works in defence and security studies including: qualitative and quantitative research methodologies, data collection and analysis, and interpretation to be applied to historical, contemporary or future-focussed research.

149.795 The Cyber Security Environment
This course critically examines Cyber Security in the international security environment and considers the principles and evolution of Cyber Security technologies, threats, applications, responses as well as future considerations as they specifically apply to key areas of Cyber Security.

149.798 Research Report (30)

149.799 Research Report (60)

149.800 MPhil Thesis
A supervised and guided independent study resulting in a published work.

149.801 MPhil Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

149.802 MPhil Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

149.820 Applied Security Research Project
Students undertake a research project that is relevant to and builds on their professional experience in international security.

149.821 Applied Security Planning Exercise
This course is an application of professional and academic knowledge to an advanced security planning exercise in a multiagency environment.

149.837 Research Report Defence and Security Studies (60)

149.881 Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work.

149.882 Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work.

149.883 Thesis
A supervised and guided independent study resulting in a published work.

149.891 Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work.

149.892 Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work.

149.894 Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>149.895</td>
<td>60</td>
<td>Thesis 120 Credit Part 2</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>149.896</td>
<td>120</td>
<td>Thesis</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>149.899</td>
<td>120</td>
<td>Thesis</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>149.900</td>
<td>120</td>
<td>PhD Defence and Strategic Studies</td>
<td></td>
</tr>
</tbody>
</table>
150.307 30 credits
Mata: Studio IIIA
Advanced development of 150.207 in selected areas. An approved, individually conceived programme with content related to personal strengths and interests within two-dimensional frameworks.

150.308 60 credits
Mata: Studio IIIB
Advanced development of 150.208 in selected areas. An approved, individually conceived programme with content related to personal strengths and interests within three-dimensional frameworks.

150.407 60 credits
Matatau: Studio IVA
Advanced conceptual development of 150.307 in selected areas. An approved individually conceived programme with content related to personal strengths and interests within two-dimensional frameworks.

150.408 60 credits
Matatau: Studio IVB
Advanced conceptual development of 150.308 in selected areas. An approved individually conceived programme with content related to personal strengths and interests within three-dimensional frameworks.

150.701 30 credits
Tino Rangatiratanga: Strategic Maori Development
Strategies for Maori advancement are examined within a Maori development framework. Barriers to development and the facilitation of positive development are explored using criteria relevant to indigenous self-determination. There is a focus on land, fisheries, social policy, health, Treaty settlements and opportunities for positive development.

150.702 30 credits
Mauri Ora: Maori Mental Health
An exploration of determinants of mental health for Maori, epidemiological trends and Maori cultural implications for community and clinical practice.

150.707 90 credits
Te Tatainga Matatau: Advanced Studio Practice
An individually designed programme of advanced studio practice in Maori or indigenous visual culture development, with content related to personal strengths and interests.

150.710 30 credits
Te Reo Whakawhitiwhiti: The Language of Everyday Communication
A focus on the use of Maori language at home, in the workplace, in social situations, in sport and recreation. Students will be encouraged to express ideas and opinions in Maori with confidence and to incorporate new words into the vocabulary as indicated. The significance of local idiom will be an important part of the course.

150.711 30 credits
Te Tau-Ihu o te Reo: Advanced Maori Literature
Tuatahi a e a ko i te tuamaata momo reo, te kawa o tatau marae peneti i te tangihanga, whakatauki, pepeha, korero purakau, waiata tawhito. Tuaura he kaupapa mai i te reaanga poropiti Maori o era i rau tau. Ka tataritia hoki nga korero mo tera poropiti a Te Kooti Arikirangi Te Turuki i ahu mai ai nga kaupapa maha e pa ana ki te mana motuhake. Tuatoru ka tataritia nga korero e pa ana ki tenei kaupapa hohoma, e taukapo ai ona kaupapa ko te poroporoaki tena. This course explores language forms used in marae procedure, and language associated with tangihanga, whakatauki, pepeha, korero purakau, waiata tawhito. In addition the prophecies and aspirations of Te Kooti Arikirangi Te Turuki are explored. There is also an examination of the oral narrative and written literature associated with poroporoaki.

150.713 30 credits
Te Reo o te Akomanga: Language of the Classroom
An introduction to and analysis of the professional requirements of Te Marautanga o Te Aho Matua that are essential for teaching within kura kaupapa Maori.

150.715 30 credits
Taonga Tuku Iho: Heritage Aotearoa
An examination of the dynamics of Maori culture and custom as part of the Aotearoa/New Zealand heritage. Particular emphasis is placed on the significance of land, language, oral tradition, the marae, art, and the Treaty of Waitangi, as well as an examination of the role of government in heritage through a study of legislation, policy and programmes. Case studies will focus on conservation, maintenance, sustainability and revitalisation.

150.720 120 credits
Rangahau Whakairo: Pre-thesis Practicum (Part I)
An individually supervised and approved study involving Maori or indigenous visual culture to realise an individually conceived body of work. The constitution of the pre-thesis studio will consist of a catalogue of works presented for exhibition together with a presentation of ideas both in situ and through a formal public presentation.

150.722 30 credits
Te Tu Whanau: Whanau and Society
An advanced study of the standing of whanau within society, the impacts of socio-economic determinants on whanau, whanau participation in education and the economy, and the ways in which whanau are able to engage with societal institutions, including institutions within te ao Maori.

150.723 30 credits
Nga Momo Whanau: Whanau Form and Function
An advanced study of the nature of whanau structures and their changing patterns, the human, resource, and functional capacities of whanau, and indicators of whanau wellbeing.

150.724 30 credits
Whakapiki Whanau: Whanau Intervention
An advanced study of the indications, relative merits, applications, and outcomes of interventions aimed at increasing whanau capacities.

150.725 60 credits
Rangahau Whakairo: Pre-thesis Practicum (Part II)

150.726 60 credits
Rangahau Whakairo: Pre-thesis Practicum (Part II)

150.731 30 credits
Te Reo o Te Akomanga: Language of the Classroom
He tataritai he whakahangai i tatahi ki te Ao Aho Matua e whai mahi ai i roto i nga Kura hei kaiako, ara, e taea ai e nga tauri. A critical analysis and application of Maori perspectives applied to performance criteria in the education context and Te Aho Matua that are essential for teaching within kura kaupapa Maori.

150.732 30 credits
Inquiry Based Approaches in Kura Kaupapa Maori
Ko nga rautaki pakirehua Kaupapa Maori me nga iwi taketake e tirotiro ana ki nga wero e puta mai ana i te mehi whakakao ki nga Kura Kaupapa Maori. Maori and global indigenous inquiry methods that address existing or emerging challenges of teaching practice in Kura Kaupapa Maori learning environments.

150.733 30 credits
The Kura Kaupapa Maori Curriculum
He whakakate ki te tataritai te nga paeru ngaio o Te Marautanga o Te Aho Matua me te mahi i nga wahanga ako, a, nga anga aromatawai hoki ki te tatahi te kura tirohanga whanau no roto ma i nga Kura Kaupapa Maori.

150.734 30 credits
Pedagogy and Practice in Kura Kaupapa Maori
He ata tirotiro me te whakamahi i nga ahua akoranga o Te Aho Matua me Te Marautanga o Te Aho Matua ki roto ki nga Kura Kaupapa Maori.

150.799 30 credits
Research Report (30)

150.800 120 credits
MPhil Thesis
A supervised and guided independent study resulting in a published work.

150.801 60 credits
MPhil Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.
150.244  15 credits  
Principles of Nutrition  
Introduction to key concepts in nutrition: Body composition, dietary intake methodologies, food composition, physiological functions and metabolic fates of macronutrients, nutritional and physiological functions of vitamins, minerals, water and electrolytes.

151.331  15 credits  
Maternal and Child Nutrition  
Nutrient functions, requirements and partitioning during pregnancy, lactation, infancy, childhood and adolescence: determination of nutritional requirements; assessment of normal growth and body composition; food and nutritional issues with reference to the NZ Food and Nutrition Guidelines.

151.332  15 credits  
Nutrition for Sport and Performance  
Nutritional aspects of exercise physiology and metabolism. Nutritional principles for enhancing performance in recreational and elite athletes Food and nutrition for specific sporting codes and specific groups (e.g. children, adolescent athletes, female athletes, elite athletes). Assessment of nutritional status of athletes.

151.333  15 credits  
Adult Nutrition and Positive Ageing  
Review of current literature and research on nutrient needs and factors affecting nutritional status of adults and the elderly. The role of nutrition in causing and preventing degenerative diseases. The nutritional, physiological, metabolic and sociological determinants of obesity.

151.334  15 credits  
Nutrition Communication and Promotion  
The impact of food policy and regulation, marketing and nutrition promotion on behavioural aspects of food choice. Nutrition communication and health promotion measures to influence nutritional status will be covered, including use of behavioural models and models of food choice. Examples will be drawn from current settings-based health promotion initiatives in New Zealand, related to a range of different social and cultural groups. Food insecurity and the politics of food will also be included.

151.344  15 credits  
Principles of Nutrition  
Key concepts in nutrition: Body composition, dietary intake methodologies, food composition, physiological functions and metabolic fates of macronutrients, nutritional and physiological functions of vitamins, minerals, water and electrolytes.

151.345  15 credits  
Nutrition throughout the Life Cycle  
Changing nutrient functions, requirements and partitioning during the lifecycle (from the foetus through infancy, childhood, adolescence and adulthood plus pregnancy, lactation and ageing); determination of nutritional requirements; assessment of normal growth and body composition; food and nutritional issues with reference to the NZ Food and Nutrition Guidelines. Examples of the role of nutrition in causing and preventing degenerative diseases, and obesity.

151.346  15 credits  
Topics in Nutrition  
Topics in nutrition in the areas of sports nutrition, contemporary nutrition issues and insights, food choice and the implications of the Treaty of Waitangi.

151.704  15 credits  
Human Nutrition  
Nutrition through the life cycle: nutrition and reproduction, nutrition in pregnancy, infant nutrition, nutrition in childhood and adolescence, nutrition in the adult years, nutrition in the elderly.

151.706  15 credits  
Monogastric Nutrition  
Comparative food intake, digestion, metabolism and growth in monogastric animals; nutritive values of feedstuffs; estimation of nutrient requirements; food processing techniques; nutrition of specific monogastric animals, e.g., avian, pig, fish, horse, cat, dog, or student’s species of interest.

151.707  15 credits  
Food Technology/Nutrition Interface  
Processing of food; food preservation; food marketing; sensory science; food legislation and policy; nutrient substitutes; functional foods.
Nutritional Research Methods
Experimental design in nutrition; methods and approaches in human and animal nutrition research including assessment of food and nutrient intake, assessment of energy expenditure and assessment of body composition.

Biometrics for the Animal and Nutritional Sciences
Study in applied statistics with emphasis on animal and nutritional sciences. Introduction to and extensive use of the statistical package. Regression and multiple regressions analysis, analysis of variance of standard experimental designs, covariate analysis and general linear models.

Special Topic
A selected course of study, which may include a project or lectures and assignments; details of content to be specified for each student.

Special Topic
A selected course of study which may include a project, or lectures and assignments; details of content to be specified for each student. This course may be used to carry out advanced study in nutrition in a particular area or species, e.g. monogastric, ruminant, poultry, fish, etc.

Advanced Human Nutrition
Selected topics in advanced human nutrition.

Advanced Sports Nutrition
A selection of topics in advanced sports nutrition, with the opportunity to complete advanced literature research and/or practicum components. Application of principles of sports nutrition to specific sporting codes and specific groups. The main focus is on the evaluation and implementation of food and nutrition requirements of athletes in training, and during competition. An in-depth understanding of the scientific reasoning behind requirements will be developed.

Advanced Nutrition and Disease
A selection of topics regarding the interrelationships between nutrition and disease at an advanced level.

Selected Topics in Public Health Nutrition
Public health nutrition is the promotion of good health through the prevention of nutrition-related illness in the population. This course will examine a selection of nutrition-related public health problems and describe how research-based evidence is used to develop effective promotion strategies.

Advanced Topics in Macronutrient Nutrition
An advanced study of food composition, digestive and metabolic processes, and interactions of macronutrients.

Advanced Topics in Micronutrient Nutrition
An advanced study of the roles of vitamins, minerals, and trace elements in metabolic processes and their roles in human metabolism plus altered metabolic processes caused by specific micronutrient deficiency.

Selected Topics in Nutrition and Disease
Overview of interrelationships between nutrition and disease, including coverage of insulin resistance syndrome, obesity, cardiovascular disease and hypertension, diabetes mellitus, malignant diseases, nutrition and infection and food intolerance and allergy.

Research Methods and Statistics for Dietetics
Quantitative and qualitative research design, methods, approaches including statistical analysis in human nutrition and dietetics as applicable in a variety of groups and settings. Topics will include epidemiological and ethnographic approaches, assessment of food, nutrient and energy intakes, energy expenditure, body composition, biomarkers, eating habits, food behaviour, and dietary practices.

Nutrients for Health and Disease
This course focuses on the relationship between nutrients and health and/or disease. Students will develop an understanding of the relationships between intakes of individual nutrients and health status and how to express nutrient requirements as food or dietary recommendations or changes in food/eating habits. Students will also investigate the development of recommendations for nutrients based on research evidence.

Foodservice Management
An introduction to the principles of food service management with a focus on the development of small and large scale cooking skills, menu planning and recipe manipulation for the purpose of achieving dietary modifications. Other managerial aspects will also be explored, including various food service systems, organisational design, leadership, motivation, negotiation, resource management, and decision making skills.
### MANAGEMENT

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>152.203</td>
<td>Business and Society</td>
<td>15 credits</td>
</tr>
<tr>
<td>152.230</td>
<td>Entrepreneurship</td>
<td>15 credits</td>
</tr>
<tr>
<td>152.232</td>
<td>Small Business Management</td>
<td>15 credits</td>
</tr>
<tr>
<td>152.250</td>
<td>Managing Organisations</td>
<td>15 credits</td>
</tr>
<tr>
<td>152.252</td>
<td>Project Management</td>
<td>15 credits</td>
</tr>
<tr>
<td>152.261</td>
<td>International Business</td>
<td>15 credits</td>
</tr>
<tr>
<td>152.264</td>
<td>International Supply Chain Management</td>
<td>15 credits</td>
</tr>
<tr>
<td>152.270</td>
<td>Māori Management</td>
<td>15 credits</td>
</tr>
<tr>
<td>152.304</td>
<td>Managing Services</td>
<td>15 credits</td>
</tr>
<tr>
<td>152.325</td>
<td>Designing and Developing Organisations</td>
<td>15 credits</td>
</tr>
</tbody>
</table>

### New Venture Development

An examination of issues relating to entrepreneurship and management in the start-up, survival and development of enterprises. Emphasis is placed on the use of the case study approach from the perspective of the manager or consultant.

### Scaling and Growth

Develops understanding of key areas that are critical for the sustainable growth of an organisation, by exploring the key challenges of scaling and growth.

### New Venture Project

This course studies the process of initiating and managing a new venture. The course includes opportunity identification and assessment processes for new ventures; comprehensive business planning including data collection and analysis; strategy formulation and results forecasting; integration of concepts and techniques relevant to new ventures. Integrated plans for launching new products and services by existing businesses are also considered.

### Leadership Practice

A critical analysis of the theory and practice of leadership relevant to public and private organisations and the development of ethical leadership and citizenship in a variety of socio-cultural contexts.

### New Venture Development

A project based course in which students explore and develop a value-creation project in relation to a specific context of their choice.

### Cultural Perspectives on Entrepreneurship

An examination of interconnections between entrepreneurship, culture and diversity, including social identities such as gender, ethnicity and indigenousity, age, religion, and sexual identity. Students will consider how these aspects shape entrepreneurial thinking and practice, with particular emphasis on the experiences of Māori in Aotearoa NZ.

### Strategic Management and Governance

An examination of strategic management concepts, the tools and techniques of strategic analysis, and issues associated with governance including business ethics.

### Sustainability Issues, Challenges and Responses

An examination of sustainability issues and challenges, how they relate to the business community, and the implications of sustainability for business policy and management.

### Operational Management of International Business

Managing the operational effectiveness of the enterprise conducting business in international markets including international supply chain, quality, and distribution management.

### Te Whanaketanga o te Pakihi Māori - Advanced Māori Business Development and Management

An examination of the interface between customary and contemporary management practices focusing on the management of Māori resources and the development of Māori enterprise.

### National Sport Organisation Coaching Practicum

This course is designed to provide experience in the coaching field according to specific code requirements. Note: It is a restricted course run by Massey University and the New Zealand national sport organisations. Only students nominated by their national sport organisation are eligible to enrol in this course.

### Action Learning Management Practicum

Students will develop leadership, task management and team-building skills within an experiential learning framework. The course integrates outdoor ‘adventure’ activities with selected aspects of contemporary management theory. Students play an integral part in the design and execution of the course. The course integrates the assessment of risk and the management of safety and ecological care with programme activities.
152.386 15 credits
Risk Management I
An overview of the principles and practice associated with risk identification, analysis and assessment.

152.387 15 credits
Risk Management II
A detailed examination and critique of risk control methods.

152.399 15 credits
Integrative Management
A collaborative capstone course that requires students to demonstrate the ability to apply theory and practice to complex organisational problems.

152.700 30 credits
Organisation and Management
A study of the theories of management and their application within organisations.

152.701 30 credits
Advanced Management
A study of selected dimensions of advanced management practice. Areas to be covered include organisational analysis and associated approaches to management and organisational performance.

152.702 30 credits
Advanced Strategic Management
An advanced study of the systems and techniques of strategic planning, policy formulation and implementation.

152.704 30 credits
Business and Sustainability
An examination of the global debate on environmental issues, the literature on sustainability and the implications of sustainability for business policy and management.

152.705 30 credits
Advanced Change Management
An advanced study of models, management processes and research on implementing, monitoring and evaluating organisational changes.

152.707 30 credits
Leading and Changing Organisations
A study of the practices, methods and frameworks for leading and changing organisations.

152.709 30 credits
Leadership
A critical study of leadership theory and practice, with an emphasis upon contemporary perspectives. This course provides the opportunity for critical reflection and analysis of leadership and is relevant to understandings of leadership in any organisation.

152.719 30 credits
Advanced Management of Fitness/Athletic Conditioning
An examination of exercise prescription, sports conditioning and nutrition for enhancing athletic performance. The scientific basis of fitness training and physiological mechanisms are applied to athletic conditioning.

152.724 30 credits
Advanced Services Management
Focusing on the theory and principles of services management, this course critically reviews current services management research and analyses the issues for managers in adopting a service logic for their organisations.

152.731 30 credits
Innovation and New Ventures
A study of the theory and practice of entrepreneurship with special reference to the small business sector. The course will examine the dimensions of entrepreneurship with emphasis on the entrepreneur’s contribution to existing organisations and new ventures.

152.732 30 credits
Issues in Entrepreneurship
An advanced study of entrepreneurship including the analysis of trends and issues relating to the entrepreneurial process. A range of topics are offered to allow some customisation of the course to the particular educational and research interests of students.

152.740 30 credits
Public Sector Management
An examination of the processes, theories and practices of management in the public sector including the environment in which such organisations operate. The course includes a comparison of the New Zealand public service and relevant aspects of systems of government with those of selected countries. Change and reform in the public sector is also included.

152.742 30 credits
Health Systems Management
The health care systems of New Zealand and selected nations are compared and critically analysed from a management perspective.

HEALTH

152.743 30 credits
Health Policy
The dimensions of policy formation in health are examined with particular emphasis on the relationship between policy and the political process.

MANAGEMENT

152.746 30 credits
Contemporary Issues in Health Service Management
Issues relevant to the efficient and effective delivery of health services are identified and examined.

152.752 30 credits
Project Management
A comprehensive study of the theory and methods employed in project management.

152.757 30 credits
Critical Management Studies
This course questions contemporary views of management and organisations. It is grounded in critical, postmodern approaches to management studies that provide support for challenges to the grand narratives that dominate established theories.

152.761 30 credits
Advanced International Business
A comparative study of International Business theory and practice.

152.762 30 credits
The International Business Environment
An advanced study of contemporary issues relating to the international business environment. Issues to be examined include the development of free trade association; the business opportunities and threats posed by economic development; changing security issues; the emergence of Japanese and European economic spheres of influence; and the gradual reorientation of the Australian and New Zealand economies.

152.764 30 credits
Topics in International Business
A series of projects involving investigation in areas of particular interest to individuals, examining aspects of business and management relevant to the international environment. Students will gain experience in defining and executing research projects within a specialised field.

152.766 30 credits
International Entrepreneurship
A series of research projects relating to entrepreneurship in international business. Projects focus on new business opportunities emerging from the current period of rapid global change, including e-commerce and other emerging forms of enterprise configuration.

152.768 30 credits
Managing Knowledge
An advanced exploration of the challenges of managing knowledge and knowledge work, for the purpose of producing more effective managers and team members in knowledge-intensive work environments. The role of computerized ‘knowledge management’ systems, and the relationship between people and technology which constitute special challenges to managing in such environments will be considered.

152.771 15 credits
Management in Organisations
The application of modern management in business organisations.

152.778 30 credits
Research Report Part 1

152.779 30 credits
Research Report Part 2

152.781 30 credits
Advanced Research Methods in Business
Research approaches to management and organisation theory. Includes reading and designing research in these areas up to the preparation of research proposals.
152.784 Research Report 30 credits
152.785 Research Report 30 credits
152.786 Research Report 60 credits
152.787 Thesis 90 credits
152.800 Thesis 120 credits

A supervised and guided independent study resulting in a published work.

152.801 Thesis 90 credits
An original piece of work that focuses on a significant issue in the Management discipline. Candidates will demonstrate an ability to formulate research questions and clearly answer them through the effective design of an investigation and the presentation of the research findings in a manner that is acceptable in the academic community.

152.802 Thesis 90 Credit Part 1 45 credits
An original piece of work that focuses on a significant issue in the Management discipline. Candidates will demonstrate an ability to formulate research questions and clearly answer them through the effective design of an investigation and the presentation of the research findings in a manner that is acceptable in the academic community.

152.803 Thesis 90 Credit Part 2 45 credits
An original piece of work that focuses on a significant issue in the Management discipline. Candidates will demonstrate an ability to formulate research questions and clearly answer them through the effective design of an investigation and the presentation of the research findings in a manner that is acceptable in the academic community.

152.804 Thesis 120 Credit Part 1 60 credits
A supervised and guided independent study resulting in a published work.

152.805 Thesis 120 Credit Part 2 60 credits
A supervised and guided independent study resulting in a published work.

152.894 Professional Practice 60 credits
Candidates will undertake a professional action investigation within the subject area in which the Master of Management is being completed. Investigations may be conducted either individually or in groups and assessment of the outcome of the investigation may be in a variety of ways including written and oral presentations.

152.896 Research Report 60 credits
Candidates are required to conduct a piece of independent research under supervision and to produce a report of the research for examination.

152.900 PhD Management 120 credits

DISPUTE RESOLUTION

153.200 Introduction to Dispute Resolution 15 credits
An introduction to the modes of dispute resolution including negotiation, mediation and arbitration and the relevant law.

153.202 Law and Mediation 15 credits
The legal framework for mediation and an introduction to the law of contract and tort.

153.204 Negotiation Principles 15 credits
Negotiation principles as applied to avoiding and resolving disputes.

153.302 Mediation Process 15 credits
An examination of the nature of disputes, negotiation, mediation, and other non-adjudicative dispute resolution processes.

153.306 Negotiation Practice 15 credits
Application of the theory of the negotiation process.

153.310 Arbitration Practicum 15 credits
A practical residential course on practice, procedure and award writing.

153.311 Mediation Practicum 15 credits
A practical residential course on the practice and procedure of non-adjudicative dispute resolution including settlement agreements.

153.314 Dispute Resolution Advocacy 15 credits
A study of advocacy practice and the application of the Evidence Act 2006 in the management of dispute resolution processes.

153.315 Adjudicative Processes 15 credits

153.320 Employment Dispute Resolution 15 credits
The theory and practice of solving employment disputes.

153.330 Dispute Resolution Practicum 15 credits
A Residential practicum covering negotiation, mediation, arbitration and other dispute resolution techniques.

153.700 Elements of Dispute Resolution 30 credits
The law and practice of mediation and arbitration.

153.701 Advanced Arbitration 30 credits
The law and practice of New Zealand and international arbitrations using the Model Law and other institutional procedures.

153.702 International Law for Dispute Resolution 30 credits
A study of treaties affecting international trade and the application of legal regimes affecting dispute resolution.

153.703 Advanced negotiation 30 credits
An exploration of the fundamental dynamics of the process of negotiation leading to dispute resolution agreements.

153.704 Advanced Mediation 30 credits
An examination at an advanced level of key principles and processes of mediation.

153.705 Dispute Resolution Management 30 credits
An introduction to the management of dispute resolution including case and practice management.

153.706 Reasoning and Decision Making 30 credits
An examination of key principles and techniques of reasoning and decision-making especially as relative to Dispute Resolution.

153.707 Theory of Conflict 30 credits
The theory of conflict and its application to dispute resolution.

153.708 Advanced Employment Dispute Resolution 30 credits
The theory and practice of solving employment disputes.

153.800 Thesis 120 credits
A research course requiring the student to conduct independent research with academic supervision within the area of dispute resolution.

153.897 Thesis 120 Credit Part 1 60 credits
A supervised and guided independent study resulting in a published work.
MEDIA STUDIES

154.101 Introduction to Media Studies 15 credits
An introduction to theories of the media and communications. Particular attention will be paid to the concepts of representation and audience, the political economy of media products, and the social and cultural context in which they occur.

154.115 Stardom and Celebrity in the Media 15 credits
This course examines the construction and circulation of stardom and celebrity in media culture.

154.120 Transmedia Narrative and Storytelling 15 credits
An introduction to different approaches to the elements, structures and techniques of storytelling, with reference to a range of historical genres and media contexts, and consideration of different forms, including non-linear and transmedia narratives.

154.201 Television Studies 15 credits
An examination of the nature, role and meaning of television within contemporary culture. Particular attention will be given to the changing roles of television with respect to institutions of broadcasting, modes of representation and technological innovation. This will be explored through detailed analysis of various television genres such as news, drama, documentary and comedy.

154.202 Advertising and Consumer Society 15 credits
A study of the meaning and significance of advertising within contemporary society with particular emphasis on the ideological role of advertising and the visual techniques employed in the production of meaning in advertisements. Critical theories will be used to explore the role of advertising in consumer culture, identity politics and processes of globalisation.

154.203 Popular Culture and the Media 15 credits
A survey of cultural theories and debates in relation to modern mass media. A number of issues such as identity, representation and cultural politics will be considered in their historical contexts and in relation to a variety of texts from popular culture and the media.

154.204 Digital Media Production I 15 credits
An in-depth exploration of various digital media production skills with an emphasis upon hands-on experience and the development of individual abilities associated with the various media.

154.205 Popular Music Studies 15 credits
An examination of the nature, role and meaning of popular music within contemporary Western societies. Particular attention will be paid to the political economy of the international music industry, genre and auteur studies, and audiences and subcultures.

154.206 International Film History 15 credits
A study of the history of film using case studies and including a consideration of the ways in which social contexts, industrial conditions, technologies and individuals have influenced film narratives and film theory.

154.212 New Zealand Cinema 15 credits
The course explores the development of New Zealand cinema from the 1920s to the present day, with a focus on questions of aesthetics and concepts of national identity.

154.215 Cult Media and Fandom 15 credits
This course will map key theoretical approaches to the study of cult media. The phenomenon of cult media will be examined through its textual strategies and aesthetics, as well as modes and patterns of production, distribution, exhibition and consumption.

154.222 The Art of the Film 15 credits
An introduction to film aesthetics, examining the meanings and effects produced through the use of form and style. Students will analyse films from popular cinema, art cinema, documentary, animation and the avant-garde.

154.224 Documentary (Non-Fiction) Film 15 credits
A study of the genre of documentary (non-fiction) film. The course will provide students with a critical awareness of the theory, history and various forms relevant to the genre. Students will plan and produce short documentary films. NOTE: Students require access to their own video camera and editing facilities.

154.228 Media History 15 credits
How the human quest for meaning and value shapes and is in turn re-shaped by changes in media technologies. Students examine media from cave paintings to cyberspace, and study transitions from orality to literacy and from print to electronic media.

154.301 Culture, Power and The Media 15 credits
A consideration of theoretical and critical approaches to the study of how culture, power and media interact in contemporary society. Attention will be given to the question of cultural identity and to how this relates to changing attitudes to nationhood and to the impact of consumerism.

154.302 Gender and Race in the Media 15 credits
Issues in the representation of gender, race and ethnicity in the media, considered from a variety of critical and theoretical approaches.

154.303 Hollywood Cinema 15 credits
A detailed examination of Hollywood cinema and its alternatives, with particular reference to the concepts of narrative, genre and auteur.

154.304 Digital Media Production II 15 credits
The further development of skills and abilities in a chosen media area with particular emphasis upon the production of a major media project.

154.308 Screen Fictions 15 credits
An exploration of the formal, social, cultural and political issues associated with the adaptation of novels into film texts, ranging from classic Hollywood narrative film to the contemporary blockbuster.

154.311 Social Media and Digital Cultures 15 credits
An examination of the social, economic and political transformations that digital media technologies have created. Particular attention will be paid to the development of social media, digital cultures, net-worked relationships and mobile identities alongside the links between media technologies and cultural practices.

154.312 Trauma and the Media 15 credits
A study of the representation of traumatic experience, including violence, abuse, war, genocide and terror in photography, film, television and the internet. The course also considers how psychological theories of trauma have influenced critical approaches to the media.

154.313 Global Media Cultures 15 credits
New media technologies and global patterns of media distribution have produced complex, emergent practices of transnational community formation, text-sharing and collaborative media production. This course examines these practices in relation to the maintenance and negotiation of cultural identity in the contemporary world.

154.314 Independent Media in the Information Age 15 credits
This course critically evaluates the rise of independent media in the context of the information age, where ‘communication’ is increasingly central to the exercise of social and political power. The course sets a theoretical context for understanding contemporary ‘mainstream’ and ‘independent’ media, then explores a range of independent media forms and practices that seek to generate alternative points of view.
### Research Report (30)
154.798 30 credits
An introduction to the key critical debates and cultural practices that have defined the response to modern mass media and their major ideological formations. Particular emphasis is placed on avant-garde notions of montage and their continuing influence on postmodern media theory and practice.

### Advanced Film Studies
154.702 30 credits
This course engages students with a variety of critical and theoretical approaches to cinema, mapping their development across history and examining their usefulness in understanding the social, cultural, economic, political and aesthetic significance of film.

### Researching Media and Cultural Studies
154.704 30 credits
An introduction to theoretical frameworks and research designs and methods in Media Studies and Cultural Studies and to various issues that arise in the conduct of research. Students preparing to undertake research-based theses or projects will receive assistance in the preparation of their proposals.

### The World of Noir
154.707 30 credits
A study of the historical phenomenon of film noir, along with the related genre of the noir novel. The emphasis will be on classical film noir but more recent texts will also be examined. A variety of critical and theoretical approaches will be used.

### Modern Fiction, Popular Culture and the Media
154.708 30 credits
An examination of major developments in approaches to fiction in the twentieth century, focusing on modern and postmodern trends, and on how these have impacted on the rise and alleged decline of distinctions between elite art and popular culture. Texts for analysis are selected from both literature and film and include examples of canonical as well as popular fiction.

### Technology and Cultural Change
154.709 30 credits
This course examines the role of technology in producing and transforming contemporary culture. Through the investigation of key theorists, particular attention is given to the pivotal role technology plays in shaping space, time, and experience.

### Media, Entertainment, and Ethics
154.719 30 credits
This course will employ theories and concepts from applied ethics and strands of contemporary ethical criticism to examine existing and emergent issues within entertainment media, advertising and digital media.

### The Communication Field
154.721 30 credits
This course provides an advanced-level overview of the communication discipline, its history, key concepts, competing traditions, and noted scholars. Critical, creative and organisational theories and concepts from a broad communication studies body of knowledge are historicised, compared, and critically evaluated. Throughout the course, communication knowledge is applied to illuminate communication questions from media, industry and society.

### Media Practice and Global Culture
154.747 30 credits
This course examines the critical context of contemporary media practice, exploring how media texts, technologies, and institutions respond to and produce processes of globalisation. Students will focus on the use of digital and mobile media technologies, and consciously negotiate decisions regarding the cultural, social, political, economic, ethical and environmental implications of their own media production, distribution and consumption.

### Research Report Media Studies (60)
154.797 60 credits
154.798 30 credits

### MPhil Thesis
154.800 120 credits
A supervised and guided independent study resulting in a published work.

### MPhil Thesis 120 Credit Part 1
154.801 60 credits
A supervised and guided independent study resulting in a published work.

### MPhil Thesis 120 Credit Part 2
154.802 60 credits
A supervised and guided independent study resulting in a published work.

### Thesis 120 Credit Part 1
154.816 60 credits
A supervised and guided independent study resulting in a published work.

### Thesis 120 Credit Part 2
154.817 60 credits
A supervised and guided independent study resulting in a published work.

### Thesis 120 Credit Part 3
154.850 120 credits
The supervised undertaking of an original piece of research into Media Studies.

### Thesis 120 Credit Part 4
154.851 60 credits
The supervised undertaking of an original piece of research into Media Studies.

### Thesis 120 Credit Part 5
154.852 60 credits
The supervised undertaking of an original piece of research into Media Studies.

### Master of Communication Research Project
154.855 60 credits
An applied research project involving the critical evaluation and application of selected research methodologies to address communication-related challenges.

### Research Report Media Studies (60)
154.883 60 credits

### Thesis 90 Credit Part 1
154.884 45 credits
A supervised and guided independent study resulting in a published work.

### Thesis 90 Credit Part 2
154.885 45 credits
A supervised and guided independent study resulting in a published work.

### Thesis 90 Credit Part 3
154.886 45 credits
A supervised and guided independent study resulting in a published work.

### Thesis 90 Credit Part 4
154.887 45 credits
A supervised and guided independent study resulting in a published work.

### Thesis 90 Credit Part 5
154.899 90 credits
A supervised and guided independent study resulting in a published work.

### Thesis 120 Credit Part 1
154.900 120 credits
A supervised and guided independent study resulting in a published work.

### Thesis 120 Credit Part 2
154.901 120 credits

### PhD Media Studies
155

## BUSINESS LAW

### Retail Law
155.110 15 credits
An introduction to the legal and ethical principles which apply to the New Zealand retail industry, with particular focus on the legal liability of business owners and operators to consumers, employees and other stakeholders.

### Law of Property
155.201 15 credits
The law relating to the transfer and ownership of and other dealings in real property.

### Essentials of Law
155.202 15 credits
An introduction to the New Zealand legal system, legal interpretation and substantive law.

### Law of Business Organisations
155.203 15 credits
General principles of law relating to companies and partnerships.
MPhil Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

MPhil Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

PhD Business Law
120 credits

MARKETING
156.200
Marketing for Non-Marketers
An introduction to marketing management for students who do not intend to specialise in Marketing. The course is designed to develop an understanding of the marketing function and the application of marketing principles to the marketing of services, industrial and consumer goods, and not-for-profit organisations.

156.231
Strategic Marketing Management
A study of the decisions required to allocate and manage marketing resources in a competitive business environment.

156.232
Consumer Behaviour
A study of the theory and practice of changing consumer behaviour through marketing programmes. The course critically evaluates traditional cognitive models of consumer behaviour and alternative behaviourist approaches.

156.233
Marketing Research
A study of the collection, analysis and interpretation of marketing information. Topics covered in the course include research methodology, experimentation, sampling, questionnaire design and the role of marketing research in managerial decision-making.

156.235
Social Media and Digital Marketing
A study of the impact, application and evaluation of new digital media marketing strategies and techniques.

156.237
Marketing Communication and Advertising
A study of advertising and other forms of marketing communication, including key theories of marketing communication, elements of the communication mix, and effective campaign design.

156.238
Marketing New Products
A study of new product and service development processes from a marketing perspective.

156.331
Marketing Strategy
Advanced study of marketing principles and practice, integrating the topics covered at 200-level.

156.333
Market Analysis
The application of quantitative methods to the analysis of market structure and brand competition.

156.334
Marketing Consultancy Project
A client driven marketing planning course that integrates marketing concepts and methods across the curriculum.

156.338
International Marketing
A critical examination of issues in international marketing and their relevance to business and society.

156.339
Omnichannel Retail Marketing
A critical examination of marketing in an omnichannel retail environment.
156.340 15 credits
Customer Intelligence
This course teaches methods to convert organisations’ large data sets about customers, competitors, channel partners and their own activities into information for improved marketing decision making.

156.341 15 credits
Branding
A critical examination of brands and issues in branding and their relevance to business and society.

156.700 30 credits
Essentials of Marketing
A study of the theory and practice of marketing. This course is designed for graduate students to provide a comprehensive knowledge in marketing.

156.742 30 credits
Advanced Consumer Behaviour
A study of the changing nature of consumer behaviour in a dynamic environment. Cognitive models and modes of information processing are studied in relation to various aspects of marketing management. How the study of consumer behaviours is used by academics, practitioners and policy makers is explained.

156.743 30 credits
Advanced Marketing Planning and Strategy
The focus is how firms use their limited resources to position their products or services to create a sustainable competitive advantage. The main goal of a marketing strategy is to create customer satisfaction so the ‘how’ of marketing strategy, which is the marketing planning, is addressed.

156.744 30 credits
Advanced Marketing Research and Analysis
The focus is on the rationale for marketing research, the steps involved in marketing research and the type of methodologies used in qualitative and quantitative marketing research. Interpretation of results as well as analysis of data in marketing research is included.

156.755 30 credits
Advanced Social Media and Mobile Marketing
A critical evaluation of the impact of the digital and mobile environment on all aspects of the practice of marketing.

156.758 30 credits
Advanced Social Marketing
A detailed examination of the relationship between social marketing, social policy, and ethical issues.

156.761 30 credits
Customer Insights
A solid grounding in computerised approaches for obtaining insights on existing and potential customers. For existing customers, the link between marketing activities and customer lifetime value is assessed through the computer-based analysis of internal (within-organization) data on customer transactions and company records. To understand potential customers, external (outside-organisation) data (e.g., online data, census data) are collected through automated computer scripts and utilised to identify business opportunities. The course also covers computer-based techniques for segmenting customers.

156.762 30 credits
Return on Marketing Investment
The development of computer skills for the empirical analysis of the return of marketing investments on sales and profits, for the purpose of supporting marketing decision making. The coverage includes a wide variety of econometric methods, statistical programming approaches, types of marketing investments, and the reporting of the results.

156.775 30 credits
Theory and Models of Marketing
This course critically examines marketing theory and its application and aims to explain why the theory of knowledge is important to marketers and its implications for the study and practice of marketing and the evaluation of new ideas. It includes the study of consumer responses to marketing stimuli, using marketing models to measure, analyse and understand consumers.

156.776 30 credits
Research Methods in Marketing
This is an advanced research methods course. It covers critical thinking in marketing research and provides an in depth understanding of qualitative, quantitative and mixed methods approaches to marketing research. It provides a detailed examination of research design, construct measurement, methods of data collection and methods for analysing data.

156.799 30 credits
Research Report

156.800 120 credits
MPhil Marketing

156.850 120 credits
Thesis
The supervised undertaking of an original piece of research in marketing communication.

156.851 60 credits
Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

156.852 60 credits
Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

156.855 60 credits
Master of Communication Research Project
An applied research project involving the critical evaluation and application of selected research methodologies to address communication-related challenges.

156.893 60 credits
Research Report
Candidates are required to conduct a piece of independent research under supervision and to produce a report of the research for examination.

156.894 60 credits
Professional Practice
Candidates will undertake professional practice within the subject area in which the Master of Management is being completed. Professional Practice may be conducted either individually or in groups and assessment of the outcome of the investigation may be in a variety of ways including written and oral presentations and case studies.

156.897 60 credits
Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

156.898 60 credits
Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

156.899 120 credits
Thesis
A supervised and guided independent study resulting in a published work.

156.900 120 credits
PhD Marketing

INFORMATION SYSTEMS

157.150 15 credits
Management Information Systems
An introductory study of the roles and applications of information systems in organisations and society.

157.216 15 credits
Management, Analytics and Decision Making
Introduction to techniques and issues involved in using data to support organisational decision making.

157.240 15 credits
Social Media Networks for Business
An examination of current issues in the rapidly developing area of social media. A socio-technical approach is adopted to examine how social media networks are being used in business processes.

157.241 15 credits
Technology Trends for Organisations
A comprehensive study of major technology trends and organisational contexts within which information systems are developed and used from user, manager, organisational and societal perspectives.

157.325 15 credits
Information management Project
A guided practical applying business analysis methods to an information system and its environment.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>157.340</td>
<td>Organisational Knowledge Management</td>
<td>15</td>
</tr>
<tr>
<td>157.350</td>
<td>Technology Governance and Risk Management</td>
<td>15</td>
</tr>
<tr>
<td>157.394</td>
<td>Managing Technology Projects and Programmes</td>
<td>15</td>
</tr>
<tr>
<td>157.700</td>
<td>Info Systems Management</td>
<td>30</td>
</tr>
<tr>
<td>157.701</td>
<td>Health Information Management</td>
<td>30</td>
</tr>
<tr>
<td>157.733</td>
<td>Health Information Systems</td>
<td>15</td>
</tr>
<tr>
<td>157.735</td>
<td>Data Mining</td>
<td>15</td>
</tr>
<tr>
<td>157.777</td>
<td>Mobile Business</td>
<td>30</td>
</tr>
<tr>
<td>157.879</td>
<td>Research Report</td>
<td>60</td>
</tr>
<tr>
<td>157.900</td>
<td>PhD Information Systems</td>
<td>120</td>
</tr>
</tbody>
</table>

### INFORMATION TECHNOLOGY

#### 158.100 Computer Applications and the Information Age
A broad based and practical introduction to the applications of IT and computers that pervade today's society. A range of software applications will be studied in their context of use, enabling an understanding not only of technical issues but also the social, ethical and organisational aspects of applied computing.

#### 158.120 Fundamentals of Information Technology
This course demonstrates how the core components of information technology, including programming, databases, networking, web technologies and human computer interaction, combine to form complex information technology solutions.

#### 158.212 Application Software Development
A study of the rudiments of structured and object-oriented software development methods and techniques. Students will utilise a modern integrated development environment to gain practical skills.

#### 158.222 Data Wrangling and Machine Learning
An introduction to the data science workflow involving the acquisition, processing, transformation and integration of data from disparate sources having inherently different data structures, from which actionable insights can be extracted. Entry-level machine learning and statistical techniques for analysing and extracting knowledge from data will be covered. Particular emphasis will be placed on attaining competency in using a high-level programming language for conducting data-driven problem solving and appreciating the necessary agility such tools afford.

#### 158.225 Systems Analysis and Modelling
A study of methods used to capture, analyse and model system requirements. Students will acquire practical skills through case study work utilising techniques and software tools used by industry.

#### 158.235 Networks, Security and Privacy
A study of the basic principles of digital communications, Internet technologies, communications software, local area network design, client-server system design, middleware and available wide-area network services from the viewpoint of a software engineer/designer developing networked information systems.

#### 158.244 System Management and Testing
A discussion of the technical concepts and software issues that IT managers require to plan, operate and maintain computer-based systems and software assets. The course also considers some core issues in software testing.

#### 158.247 Database Design
An introduction to databases and the underlying relational and selected non-relational approaches. Students will gain practical skills designing, creating and querying databases using Database Management Systems and discuss fundamental concepts - such as vertical and horizontal scaling, transactional safety and eventual consistency - and their implications in the selection of database approaches.

#### 158.258 Web Development
An introduction to web-based application development. This course explores a selection of topics and technologies relevant to the design and creation of web-based systems.

#### 158.326 Software Architecture
An advanced study of methods used to model, design and build robust software architectures. The course provides an in-depth study of multiple techniques to support software design and implementation. It takes a practical approach using current methods and tools.

#### 158.333 Applied Machine Learning and Data Visualisation
An in-depth exploration of methods for developing intuition and insights about data that enables effective problem formulation and its solution through data-driven methods. A broad range of advanced machine learning and data mining algorithms will be used to build predictive models from real-world contexts. A particular emphasis will be on developing data-products, rapid prototyping and effectively communicating their value through visual storytelling and interpretable summaries. Topics covering Big Data challenges will also be explored.

#### 158.335 The Internet of Things and Cloud Computing
This course provides an opportunity for a practical, scenario-based and integrated study of The Internet of Things (IoT) and Cloud Computing concepts, models, infrastructures and capabilities. Students will learn, practice and innovate on the unified IoT and Cloud Computing paradigm through a running scenario and working application that integrates the IoT with Cloud Computing services.

#### 158.337 Database Development
A study of the application of software engineering principles to the development of databases for information systems. Modern database principles, issues and development methods including conceptual modelling, logical and physical design, implementation, database languages (e.g. SQL), distributed database design, and methods for interfacing with the web are covered. Students will acquire practical skills utilising modern tools and techniques used by industry.

#### 158.345 Professionalism in the Information Sciences
This course provides an advanced study of social and professional issues in the information sciences. It will involve the exploration, through appropriate resources, of issues relevant to practitioners, including ethics, legal issues, communication, teamwork and professional contexts.
158.347 15 credits
Database Paradigms
An advanced study of databases and the underlying relational and selected non-relational approaches, including distributed databases. Students will gain further practical skills designing, creating and querying databases using database management systems, as well as studying the underlying theories and how they impact the design of databases, query languages and database management systems.

158.359 15 credits
User Experience Design
The course will move from conceptual analysis to the design, prototyping and implementation and evaluation of user interfaces. It will emphasise development processes that result in interfaces that provide a superior user experience. Examples of real-life interfaces, from sources such as desktop, multimedia, web, novel, and mobile technologies will be used. There will be a significant practical work component.

158.383 15 credits
Information Technology Project
Implementation of a complex information technology solution set in the context of a case study scenario, including requirement analysis, technology selection, system design, implementation, testing and project hand over. A group project will form a significant component of this course.

158.392 15 credits
Special Topic

158.738 15 credits
Implementation and Management of Systems Security
Security and privacy are important features of information systems, in particular with the case of free access, as in Web-based services or E-commerce systems. The goal is to restrict the access of information to legitimate users only. For this purpose techniques from cryptography and information theory have to be studied.

158.739 15 credits
Introduction to Analytics
An introduction to the field of analytics, including the process of identifying an analytics problem in context, identifying sources and acquiring data, preparing data for analysis to address the problem. Emphasis is placed on developing programming skills relevant for data processing and data retrieval from databases. Special attention is given to privacy, security and ethical considerations surrounding data, and to communication of results.

158.740 15 credits
Geoinformatics
This course will develop knowledge and skills in the use of geographic information science in an interdisciplinary context. Students will learn how to work with clients to identify requirements, model and collect data and create a location-based application or analysis tool. A range of areas and a variety of different uses of geographic information will be covered, including telemetry, mapping and location-aware analysis. An interdisciplinary group project will form part of the course.

158.750 15 credits
Information Sciences Research Methods
A study of information science research, its methods, practices, social context and relationships to other fields of study. Research skills including research design, literature evaluation, data collection, data analysis and publication are practised in this course.

158.751 15 credits
Object-Oriented Software Development - Theory and Practice
A study of the object-oriented paradigm applied to software development and database design. The course includes practical work with an object-oriented analysis and design method, a UML CASE tool and an object-oriented programming language.

158.752 15 credits
Agile Software Engineering
An advanced study of agile software engineering. The course provides an in-depth investigation of the techniques, methods and practical activities used in the development of software using an agile approach. There will be a significant practical element to the course.

158.753 15 credits
Rapid Application Development
The course investigates the concept and practice of Rapid Application Development. It examines the commercial pressures which promote RAD and the theoretical frameworks which make RAD a desirable methodology. Practical assignments will use RAD environments.

158.755 15 credits
Data Science - Making Sense of Data
A study of the science of drawing knowledge and insights from data, including the concepts and techniques of data mining, machine learning and natural language processing. The course covers both theoretical and practical aspects using a range of software tools and algorithms.

158.757 15 credits
User Interface Design and Evaluation
Focuses on the design and evaluation of human-computer interfaces (HCI) for computerised information systems covering: task analysis, the process of design, the use of rapid prototyping in HCI design, and formative and summative usability testing, as well as the integration of user interface design techniques into the SDLC. The approach is hands-on.

158.758 15 credits
Mobile Systems Development
A technological approach to mobile computing systems that covers technical aspects of mobile systems development.

158.762 15 credits
Software Quality and Reliability
An advanced study of software quality assurance and reliability analysis techniques used in Information Technology projects. The course provides an in-depth study of software validation and verification strategies using appropriate methods, metrics and models. Current tools and practices will be applied to representative software systems.

158.780 15 credits
Information Technology Project Part 1
An in-depth study of Information Technology research, exploring both research methods and project execution. This course provides a practical approach to the principles and practices of academic research, and incorporates a full execution of the preliminary parts of a project life cycle, including the proposal, literature review, methodology and pilot study.

158.781 15 credits
Information Technology Project Part 2
A continuing study of information sciences research, exploring both research methods and project execution. This course provides a practical approach to the principles and practices of academic research, and incorporates a full execution of the latter parts of a project life cycle, including the research practicum, analysis of results and reporting of conclusions.

158.888 60 credits
Information Technology Professional Project
Candidates will undertake a practical and/or research IT project including some or all of the following: requirements engineering, product modeling, user interface design and evaluation, systems security, software testing, and quality assurance. This may be conducted either individually or in groups and assessment may be in a variety of ways including written and oral presentations and software demonstrations.

158.897 60 credits
Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

158.898 60 credits
Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

158.899 120 credits
Thesis
A supervised and guided independent study resulting in a published work.

158.900 120 credits
PhD Information Technology

159 120 credits

COMPUTER SCIENCE

159.101 15 credits
Programming Fundamentals
This introductory course teaches the fundamental concepts of using and programming computers through practical experience and problem-solving in a high-level language.

159.102 15 credits
Computer Science Fundamentals
An introduction to computer science: the discipline, computer systems, the theory of problem-solving and computer applications. Practical laboratory work is an important part of this course.
159.103
Introduction to Games Programming and Simulation
15 credits
The essentials of designing and constructing computer games; game software architecture; types of games; basic concepts of Artificial Intelligence; basic concepts of computer graphics; platform and performance issues. This course requires a significant practical programming component.

ENGINEERING

159.171
Computational Thinking and Software Development
15 credits
How to solve problems to find computer based solutions to them. This is a practical course with an emphasis on software construction in a high level programming language, such as Python.

159.172
Computational Thinking and Algorithms
15 credits
An introduction to computational structures and processes, building on from 159.171 by extending programming ability and putting the developed methods into context. This course combines theory and practice with an emphasis on algorithm design and implementation using a high level programming language, such as Python.

COMPUTER SCIENCE

159.201
Algorithms and Data Structures
15 credits
Structured types. Array, list, tree and graph algorithms. Hash tables. Dynamic data structures. Abstract data types. Laboratory work is an important part of this course.

159.202
Declarative Programming
15 credits

159.233
Computer Architecture
15 credits

159.234
Object-Oriented Programming
15 credits
Introduction to Object-Oriented programming; classes, objects, templates, inheritance, polymorphism, iterators, object libraries.

159.235
Graphical Programming
15 credits

159.251
Software Engineering Design and Construction
15 credits
A study of techniques, methods and tools used to design and construct high-quality software systems.

159.253
Computer Systems
15 credits
Computer architecture, assembler, processor organization. A case study, highlighting the decisions involved in producing a well-designed computer architecture.

159.270
Hardware-Oriented Computing
15 credits
A study of programming in a hardware-oriented language such as C and the construction of object-oriented software solutions using C++. The course has a practical focus based on concepts such as pointers, memory allocation, objects, classes, operator overloading, inheritance, and polymorphism. It addresses techniques such as structuring programs, software testing and debugging techniques, and the use of microcontrollers.

159.271
Computational Thinking for Problem Solving
15 credits
An in-depth study of data structures and the design and analysis of algorithms to solve real-world problems. The course has a practical focus based on the correct implementation of algorithms in a high level programming language. An introduction to computability, tractability and strategies to address issues related to intractability.

159.272
Programming Paradigms
15 credits
A study of modern programming paradigms with an emphasis on object-oriented and functional languages, such as Java and Haskell, and including hybrid languages, such as Scala and Ruby. The selection of appropriate languages for real-world applications, such as user-interface construction and concurrent programming, is a focus of this course.

159.302
Artificial Intelligence
15 credits

159.331
Algorithms and Languages
15 credits
Comparative programming languages. Programming and algorithm design using different paradigms. Algorithm analysis. Algorithm complexity.

159.333
Programming Project
15 credits
An intensive computer programming project. Students will develop software as a team and design and implement either a new piece of software or upgrade and enhance an existing project. The focus will be on the algorithms and data structures required for efficient operation.

159.334
Computer Networks
15 credits
A layered approach to data communications and the Internet protocols.

159.335
Concurrent Programming and Operating Systems
15 credits

159.336
Mobile Application Development
15 credits
An introduction to mobile application design. Students will gain practical skills designing, creating and testing a mobile application. They will use a commercial software development toolkit and have the option of publishing their applications to an app marketplace.

159.339
Internet Programming
15 credits
Advanced concepts of programming computers across the Internet: scripting, HTML, client and server-side programs, distributed objects, distributed object frameworks, security.

159.352
Advanced Web Development
15 credits
A study of the programming and scripting languages, frameworks and tools used to develop web and distributed applications with a consideration of security and privacy issues involved in these technologies.

159.354
Data Communication Networks
15 credits
The Internet is a fundamental platform for communication in our world. The architecture and protocols of this network of networks are essential to how they operate. This course focusses on the associated multi-layer protocol structure of the Internet by showing how it is constructed and how protocols underpin the variety of applications developed to support business, education and social networking.

159.355
Concurrent Systems
15 credits
This course builds on concurrency theory giving practical experience in all aspects of concurrent programming, including issues of synchronisation. Operating systems, structures and techniques are presented as examples of complex, concurrent programs.

159.356
Software Engineering Capstone Project
15 credits
Management of the software engineering process. A group project will form a significant component of this course.

159.360
Programming for Computer Graphics
15 credits
Generating graphical images and animations involves a variety of concepts and tools, starting from basic modeling and algorithms to advanced tools for graphics programming. The course covers theory and underlying algorithms as well as practical programming exercises including games using 3D graphics.
### Mathematics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Semester</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.101</td>
<td>Calculus I</td>
<td>15</td>
<td>Spring</td>
<td>Functions of one real variable and their graphs. Differentiation, integration and differential equations with applications to mathematical models.</td>
</tr>
<tr>
<td>160.102</td>
<td>Linear Mathematics</td>
<td>15</td>
<td>Winter</td>
<td>Linear equations, lines and planes in two and three dimensions. Linear transformations, vectors, matrices and determinants in two and three dimensions, eigenvectors and eigenvalues. An introduction to linear programming and complex numbers.</td>
</tr>
</tbody>
</table>

### Advanced Topics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Semester</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>159.372</td>
<td>Intelligent Machines</td>
<td>15</td>
<td>Summer</td>
<td>This course introduces fundamental techniques to create intelligent machines, including formalisms for representing knowledge and reasoning about it, methods for searching and planning, and approaches to machine learning.</td>
</tr>
<tr>
<td>159.391</td>
<td>Special Topic</td>
<td>15</td>
<td>Summer</td>
<td></td>
</tr>
<tr>
<td>159.392</td>
<td>Special Topic</td>
<td>15</td>
<td>Summer</td>
<td></td>
</tr>
<tr>
<td>159.702</td>
<td>Knowledge Engineering</td>
<td>15</td>
<td>Summer</td>
<td>A study of state-of-the-art techniques in knowledge engineering used in the context of the semantic web, such as ontologies, OWL, description logic, rule engines and graph databases.</td>
</tr>
<tr>
<td>159.703</td>
<td>Advanced Computer Systems</td>
<td>15</td>
<td>Winter</td>
<td>Advanced topics in computer systems, including concurrency, interconnection networks and technology drivers.</td>
</tr>
<tr>
<td>159.704</td>
<td>Systems Programming</td>
<td>15</td>
<td>Winter</td>
<td>Internet of Things, general-purpose input/output (GPIO) programming, sensor integration, cloud computing, wireless and mobile networks.</td>
</tr>
<tr>
<td>159.707</td>
<td>Advanced Software Design and Construction</td>
<td>15</td>
<td>Winter</td>
<td>A study of state-of-the-art techniques used to design and construct complex, enterprise-level software systems, including: component-based software engineering, dependency injection, frameworks, design patterns, design analysis, aspect-oriented programming, distributed objects, meta programming and multi-paradigm programming languages.</td>
</tr>
<tr>
<td>159.710</td>
<td>User Interface Design</td>
<td>15</td>
<td>Winter</td>
<td>Practical techniques, models and tools to support the analysis and design of user interfaces.</td>
</tr>
<tr>
<td>159.731</td>
<td>Studies in Computer Vision</td>
<td>15</td>
<td>Spring</td>
<td>Selected advanced topics including: low level digital image processing, 2D/3D image processing, image transforms, pattern recognition.</td>
</tr>
<tr>
<td>159.732</td>
<td>Studies in Computer Programming</td>
<td>15</td>
<td>Spring</td>
<td>Selected advanced topics including: programming paradigms; procedure; functional; declarative; object-oriented; compiler techniques.</td>
</tr>
<tr>
<td>159.735</td>
<td>Studies in Parallel and Distributed Systems</td>
<td>15</td>
<td>Spring</td>
<td>Selected advanced topics including: Parallel computing; network security; client-server computing; compression; web applications; wireless and mobile computing.</td>
</tr>
<tr>
<td>159.736</td>
<td>Studies in Operating Systems and Architecture</td>
<td>15</td>
<td>Spring</td>
<td>Selected advanced topics including: Concurrency; scheduling; API programming; real-time and embedded systems; fault tolerance; computer architecture; HDLs.</td>
</tr>
<tr>
<td>159.737</td>
<td>Studies in Compilers and Grammars</td>
<td>15</td>
<td>Spring</td>
<td>Selected advanced topics from grammars and compilers, including: formal grammars, languages, lexical analysis, parsing, semantic analysis, optimization and code generation. This course contains significant practical programming.</td>
</tr>
<tr>
<td>159.738</td>
<td>Special Topic</td>
<td>15</td>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>159.739</td>
<td>Special Topic</td>
<td>15</td>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>159.740</td>
<td>Studies in Intelligent Systems</td>
<td>15</td>
<td>Autumn</td>
<td>Selected advanced topics including: knowledge-based systems; AI; agents; natural language processing; search and constraint satisfaction.</td>
</tr>
<tr>
<td>159.794</td>
<td>Project</td>
<td>15</td>
<td>Autumn</td>
<td></td>
</tr>
<tr>
<td>159.795</td>
<td>Project</td>
<td>15</td>
<td>Autumn</td>
<td></td>
</tr>
<tr>
<td>159.870</td>
<td>Research Report</td>
<td>60</td>
<td>Autumn</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>159.871</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
<td>Autumn</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>159.872</td>
<td>Thesis 90 Credit Part 2</td>
<td>45</td>
<td>Autumn</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>159.873</td>
<td>Thesis</td>
<td>90</td>
<td>Autumn</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>160.103</td>
<td>Introductory University Mathematics</td>
<td>15</td>
<td></td>
<td>A course designed to increase the confidence of students in handling mathematical concepts and skills. Content includes algebraic skills, functions and graphs, and an introduction to matrices and calculus.</td>
</tr>
<tr>
<td>160.111</td>
<td>Mathematics 1A</td>
<td>15</td>
<td></td>
<td>This course provides a solid mathematical foundation for further studies in mathematics, science and engineering. It consolidates basic concepts and introduces more advanced material on differentiation and numerical techniques, enabling the formation of mathematical models of real-world problems. The course blends topics from calculus with those from linear algebra and includes matrices, linear equations, vectors and geometry.</td>
</tr>
<tr>
<td>160.112</td>
<td>Mathematics 1B</td>
<td>15</td>
<td></td>
<td>This course builds on the foundation provided by 160.111. Together these courses provide a mathematical platform for more advanced studies in mathematics, science and engineering. The topics are a blend of calculus</td>
</tr>
</tbody>
</table>
and linear algebra, including complex numbers, linear transformations, eigenvectors, advanced techniques of integration, differential equations and applications.

160.131 15 credits
Mathematics for Business I
Development of algebraic skills. An introduction to linear equations and matrices, including graphical linear programming. Graphs. An introduction to calculus. Use of spreadsheets and or other mathematical software.

160.132 15 credits
Concepts in Mathematics
At the heart of this course are three mathematical questions: what is a solution, what is a function? Through exploring these three themes, students will be exposed to different types of equations, different types of solutions and mathematical functions. Students will also learn to differentiate, integrate and manipulate simple equations and develop problem solving skills.

160.133 15 credits
Processes in Mathematics
A mathematical foundation for further studies in mathematics, statistics, natural and computing sciences. A blend of concepts, techniques and applications. Topics include matrices, vectors and geometry, complex numbers, techniques and applications of differentiation and integration. The course follows from 160.132; well-prepared students from high school can enter 160.133 directly.

160.203 15 credits
Calculus
The techniques of 100-level calculus are applied and extended in the study of infinite series, vector-valued functions and functions of two or more variables. Topics include convergence of power series, partial derivatives, double and triple integrals with applications to surface area and volumes, line and surface integrals.

160.204 15 credits
Differential Equations I

160.211 15 credits
Linear Algebra
Vector spaces, linear transformation, matrix representation, inner product spaces, isometries, least squares, generalised inverse, eigen theory, quadratic forms, norms, numerical methods.

160.212 15 credits
Discrete Mathematics
Sets, logic, mathematical induction, functions and equivalence relations. Partial orderings, algebraic structures and morphisms. Error correcting codes and public key cryptography. Graph theory.

160.301 15 credits
Analysis
Real analysis: inequalities, the continuum property, induction, sequences, functions and limits, continuity, contraction mappings and fixed points, differentiation, mean value theorems and Taylor’s theorem. Complex analysis: geometry in the complex plane, limits and continuity, holomorphic functions, line integrals, Cauchy’s theorem and some elementary consequences, singularities and Laurent’s theorem, the calculus of residues and some applications.

160.302 15 credits
Algebra
Group theory - basic properties, permutation groups, finite Abelian groups, cosets, normal subgroups, homomorphism theorems, representation. Ring theory - integral domains and fields, ideals, homomorphism theorems, factorisation, extension fields.

160.314 15 credits
Combinatorics
Permutations and combinations, binomial coefficients, the inclusion-exclusion principle, generating functions, recurrence relations, Polya’s theorem, topics in graph theory.

160.318 15 credits
Differential Equations II

160.319 15 credits
Mathematical Modelling
The mathematical modelling process and methodologies examined through a variety of case studies. Application of analytical techniques, numerical methods and computer software packages to the solution of differential equations, difference equations and linear and nonlinear systems.

160.320 15 credits
Mathematics in Education
A discussion of the fundamental questions in mathematics education concerning the nature of mathematics and the purposes of teaching mathematics.

160.380 15 credits
Project

160.702 15 credits
Advanced Algebra
A selection of topics in advanced algebra which may include the following: isomorphism theorems, series of groups, Sylow theorems, classification of finitely generated abelian groups, free groups, group representations, matrix representations and characters of groups; extension fields, Galois correspondence, solvability of polynomial equations; semigroups, Green’s equivalence, regular semigroups, inverse semigroups.

160.703 15 credits
Advanced Analysis
A selection of advanced topics from real, complex and abstract and functional analysis, with applications, e.g. Fourier series, approximation theory.

160.704 15 credits
Studies in Theoretical Mathematics
Selected advanced topics from geometry, topology, number theory, analysis and combinatorics.

160.715 15 credits
Advanced Computational Methods
Advanced study of computational solution methods with topics selected from approximation theory, sparse linear systems, matrix eigenproblems, initial value problems and boundary value problems in ordinary differential equations and partial differential equations.

160.733 15 credits
Methods of Applied Mathematics
A selection of topics which may include asymptotic analysis, the calculus of variations, integral equations and partial differential equations. Some applications to problems in engineering and physics will be discussed.

160.734 15 credits
Studies in Applied Differential Equations
Topics in the advanced study of ordinary and partial differential equations selected from dynamical systems, chaos, Lie symmetries, and applications to mathematical modelling, physics and engineering.

160.737 15 credits
Studies in Mathematical Physics
Studies of the mathematical formulation of the physical principles required for the development of modern theories in mathematical physics. A topic or topics will be selected from areas such as Lie groups and algebras, analytical mechanics, electrodynamics, quantum mechanics and kinetic theory, together with suitable applications.

160.783 30 credits
Mathematics Project

160.870 60 credits
Research Report

160.871 45 credits
Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work.

160.872 45 credits
Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work.

160.875 90 credits
Thesis
A supervised and guided independent study resulting in a published work.

160.897 60 credits
Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work.

160.897 60 credits
Thesis 90 Credit Part 1
161.898 60 credits
**Thesis 120 Credit Part 2**
A supervised and guided independent study resulting in a published work.

161.899 120 credits
**Thesis**
A supervised and guided independent study resulting in a published work.

161.900 120 credits
**PhD Mathematics**

---

**STATISTICS**

161.101 15 credits
**Statistics for Business**
An introduction to the presentation, analysis and interpretation of quantitative data. Topics include the construction of charts and summary statistics, probability, sampling, hypothesis testing, regression, time series analysis and quality management.

161.120 15 credits
**Introductory Statistics**
Applied statistics emphasising applications in the sciences and social sciences. Use of graphs and numbers to summarise and interpret data; data collection with surveys and experiments; elementary probability and sampling distributions to describe variability; inference for means, proportions, contingency tables and regression.

161.130 15 credits
**Introductory Biostatistics**

161.140 15 credits
**Agri-Statistics**
An introduction to statistics in an agricultural context, including the presentation, analysis and interpretation of quantitative data.

161.200 15 credits
**Statistical Models**
The theory behind statistical modelling, and its links to practical applications. The course covers: basic probability and random variables, models for discrete and continuous data, estimation of model parameters, assessment of goodness-of-fit, model selection, confidence interval and test construction.

161.220 15 credits
**Data Analysis**
Understanding data is essential in the natural and social sciences, business, and industry. This course is practical and uses modern statistical software to analyse real-world data. Topics are selected from: data collection, data displays, exploratory analysis, regression, ANOVA, chi-squared tests, non-parametric tests, time series and forecasting.

161.221 15 credits
**Applied Linear Models**
Statistical linear models for application in science, business and social science. Topics include simple and multiple regression; linear models with categorical explanatory variables; model diagnostics; inference for linear models; polynomial regression; models for time dependence; methods for variable selection; and weighted regression.

161.223 15 credits
**Introduction to Data Mining**
An introduction to data mining techniques; analysis of moderate to large datasets; data preparation; handling missing data; statistical graphics and exploratory data analysis; prediction and classification by regression modelling, neural network and tree-based methods; cluster analysis; association mining with market basket methods; extensive use of a leading software tool.

161.250 15 credits
**Data Analysis for Biologists**
This course provides a practical approach to the use and interpretation of statistical methods and software to analyse biological data arising in a variety of contexts, including ecology, zoology and marine biology. Topics covered may include: the central limit theorem, t-tests, randomisation tests, ANOVA, chi-squared tests, experimental design, regression and ANCOVA.

161.304 15 credits
**Advanced Statistical Modelling**
The use of modern computational statistical tools to solve real-world problems. Topics include: the basics of stochastic modelling, Markov chains, simulation methods, likelihood and Bayesian approaches, and the Markov chain Monte Carlo method of model fitting.

161.321 15 credits
**Sampling and Experimental Design**
The implementation of appropriate sampling and experimental designs is a fundamental tool for successful research in many natural and human sciences. Topics include: the logic of scientific investigations, stratified random sampling, simple and complex ANOVA designs, fixed and random factors, nested hierarchies, interactions, mixed models, inference spaces and estimation of variance components.

161.322 15 credits
**Design and Analysis of Surveys and Experiments**
Types of data collection; limits to statistical analysis in the absence of sound statistical design. Non-sampling aspects of sample surveys, bias, design of stratified and clustered samples, analysis of survey data, and design effects for complex surveys. Principles of experimental design and analysis of variance, including randomisation, blocking, structured treatments, fixed and random effects, and crossed and nested effects.

161.323 15 credits
**Multivariate Analysis**
Methods to understand patterns and structures inherent in data sets containing more than one variable. The fundamentals of ordination, clustering and testing methods for the analysis of several variables, with examples taken from a range of applications.

161.324 15 credits
**Data Mining**
A practical approach to data mining with real life applications and case studies; analysis of moderate to large volumes of data; data warehousing and cleansing; descriptive and predictive modelling; classification and regression trees; neural networks; memory-based reasoning; dimension reduction; cluster analysis including self-organising maps; ensemble models with hybrid, bagging and boosting; basics of text mining; rare event prediction and time oriented analysis; extensive use of modern data mining software tools.

161.325 15 credits
**Statistical Methods for Quality Improvement**
A comprehensive introduction to statistical process control, industrial experimentation and other methods of quality improvement and management. Topics covered include a brief introduction to quality, total quality management, simple tools for quality improvement and ISO 9000. The major topics covered are control charts, process capability, factorial experiments, fractional replication of 2^k design, response surface methods, Taguchi methods and acceptance sampling. Special emphasis will be given to the use of appropriate statistical software.

161.327 15 credits
**Generalised Linear Models**
Fitting models where Normality cannot be assumed. Applications include exponential lifetimes, binary survivals, Poisson accidents and contingency tables. Practical examples will be analysed with a computer package.

161.331 15 credits
**Biostatistics**
The biological sciences typically yield data that fail to satisfy the assumptions of traditional linear modelling tools. This course teaches a range of advanced statistical techniques for analysing biological data, including a review of linear models, non-linear regression, generalised linear models, and random-effects models. Emphasis is placed on developing practical experience with real biological data using modern statistical software.

161.342 15 credits
**Forecasting and Time Series**
A practical course on analysing data that arise sequentially in time (e.g. sales figures, precipitation, crime rates, census figures, share prices, etc.). Detecting trends and underlying seasonal patterns; Box-Jenkins methodology, autoregressive and moving average processes; exponential smoothing, classical decomposition and regression methods; introduction to multivariate time series; simulation.

161.380 15 credits
**Statistical Analysis Project**
The course provides an opportunity for Graduate Diploma in Statistics students to gain statistical research experience. Under supervision of academic staff, students will develop a short research proposal, carry out the proposed research, and write a research report.
161.382 30 credits
**Statistical Analysis Project**
The course provides an opportunity for Graduate Diploma in Statistics students to gain statistical research experience. Under supervision of academic staff, students will develop a short research proposal, carry out the proposed research, and write a research report.

161.390 15 credits
**Special Topic**

161.391 15 credits
**Special Topic**

161.704 15 credits
**Bayesian Statistics**

161.705 15 credits
**Advanced Statistical Inference**

161.709 15 credits
**Topic in Statistical Theory**
A topic in the theory of statistics, such as probability theory, Bayesian statistical theory, statistical decision theory, martingales and stochastic integrals.

161.725 15 credits
**Statistical Quality Control**
Revision of statistical process control procedures, evaluation of control chart performance and statistical design of charts, control of high quality process, multivariate process control, new process capability indices, statistical intervals. Industrial experimentation topics, evolutionary operation, analysis of means (ANOM) etc. Revision of acceptance sampling, continuous and special purpose sampling plans. Use of statistical packages.

161.726 15 credits
**Extensions to the Linear Model**
Fitting models where normality cannot be assumed. Applications include exponential lifetimes, binary survivals, Poisson accidents and contingency tables. Practical examples will be analysed with a computer package.

161.729 15 credits
**Topics in Applied Statistics**
A topic in the application of statistics such as non-parametric statistics, multiple comparisons, analysis of complex sample survey data.

161.743 15 credits
**Statistical Reliability and Survival Analysis**
Lifetime data occur in a wide variety of contexts: medical, demographic, industrial, economic. This course gives an introduction to the theory and practice of analysing lifetime data, commonly called survival analysis in medical contexts and reliability analysis in engineering.

161.744 15 credits
**Statistical Genetics**
Statistical methods for biological sequence analysis, analysis of gene expression data, and inference of biological networks. Applications will also be described in evolution and population genetics.

161.749 15 credits
**Topics in Applied Probability**
A topic in probabilistic modelling such as stochastic networks, dynamic stochastic systems, population theory.

161.762 15 credits
**Multivariate Analysis for Big Data**
Research methods suitable for the analysis of big datasets containing many variables. The fundamentals of data visualisation, customer segmentation, factor analysis and latent class analysis with examples taken from business and health fields. Emphasis will be placed on achieving a conceptual understanding of the methods in order to implement and interpret the outcomes of multivariate analyses.

161.770 15 credits
**Statistical Consulting**
Students are given the opportunity to serve as a consultancy intern with close supervision of staff involved in consultancy activities. Instruction and experience in consultant/client interaction, communication skills, statistical practice, statistical computation and technical writing.

161.771 15 credits
**Analysis of Experiments for Researchers**
Successful research in the natural and physical sciences requires the design, implementation and analysis of directed sampling programmes and experiments. This course covers the logic of scientific investigations, stratified random sampling, ANOVA designs, fixed and random factors, nested hierarchies, interactions, mixed models, inference spaces and estimation of variance components in a research context.

161.772 15 credits
**Multivariate Analysis for Researchers**
Research methods suitable for the analysis of data containing more than one variable. The fundamentals of ordination, clustering and testing methods for the analysis of several variables, with examples taken from a range of applications. Special emphasis will be placed on achieving a conceptual understanding of the methods in order to implement and interpret the outcomes of multivariate analyses in applied research.

161.773 15 credits
**Regression for Researchers**
Fitting simple and multiple regression models. Diagnostic plots. Inference, including analysis of variance. General linear models, including transformations, polynomials, models with categorical explanatory variables, interactions, weighted regression. Variable selection and multicollinearity. Extensions to nonlinear, logistic, and econometric regression models. A practical course using appropriate software, with illustrative examples taken from recent research literature.

161.776 15 credits
**Statistical Modelling for Researchers**
Advanced stochastic modelling techniques for applied research problems. Topics include: the basics of stochastic modelling, Markov chains, simulation methods, likelihood and Bayesian approaches, and the Markov chain Monte Carlo method of model fitting.

161.777 15 credits
**Practical Data Mining**
A practical approach to data mining with large volumes of complex data; prepare, cleanse and explore data; supervised and unsupervised modelling with association rules and market basket analysis, decision trees, multi-layer neural networks, k-nearest neighbours, k-means clustering and self-organising maps, ensemble and bundling techniques, text mining; use of leading software tools; business examples and research literature.

161.778 15 credits
**Biostatistics for Researchers**
Statistical techniques for the biological, medical and other life sciences. Case studies are used to demonstrate topics such as experimental design, multivariate methods; survival analysis, linear models with non-normal errors, and nonlinear regression. Emphasis is placed on application of appropriate statistical techniques through extensive use of statistical software.

161.780 15 credits
**Statistical Analysis Project**
The course provides an opportunity to gain statistical research experience. Under supervision of academic staff, students will develop a short research proposal, carry out the proposed research, and write a research report.

161.782 30 credits
**Statistical Analysis Project**
The course provides an opportunity to gain statistical research experience. Under supervision of academic staff, students will develop a short research proposal, carry out the proposed research, and write a research report.

161.871 45 credits
**Thesis 90 Credit Part 1**
A supervised and guided independent study resulting in a published work.

161.872 45 credits
**Thesis 90 Credit Part 2**
A supervised and guided independent study resulting in a published work.

161.875 90 credits
**Thesis**
A supervised and guided independent study resulting in a published work.

161.893 60 credits
**Research Report**

161.897 60 credits
**Thesis 120 Credit Part 1**
A supervised and guided independent study resulting in a published work.
BIOLOGY

162.101 Biology of Cells
15 credits
An introduction to eukaryotic and prokaryotic cell structure and function, and the chemistry of life. The flow of information within cells and transmission of genetic information to progeny in cell division. A description of cellular mechanisms for creating genetic diversity and the control of gene expression. An introduction to molecular genetics and genomics.

162.103 Introductory Biology
15 credits
An introductory course in biology suitable for students with little previous experience in the subject. Topics include: the diversity of life; cells as the basic unit of life; form and function of cells, microbes, animals and plants; DNA and molecular genetics; classical genetics; evolution and ecology.

162.211 Biology and Genetics of Microorganisms
15 credits

162.212 The Microbial World
15 credits
Microbiology as an integrated study of the diversity of micro-organisms and microbial environments. The range of microbial cell structures and metabolism is described in relation to environmental niches, and the molecular mechanisms for responding to environmental change. Actions and interactions of micro-organisms in soil and water.

162.214 Biology of Microorganisms
15 credits

162.283 Medical Microbiology
15 credits
An introduction to the general principles of host-pathogen interaction for some major groups of bacteria and fungi pathogenic for humans. Detection of pathogens in clinical specimens. Sterilisation, disinfection and control of microbial growth. Antimicrobial agents, resistance to antimicrobial agents and antimicrobial susceptibility testing.

162.301 Advanced Medical Microbiology
15 credits
Some major bacterial pathogens of humans in terms of the organisms, their habitats, modes of transmission, disease patterns and laboratory diagnosis. The structure, classification, propagation, assay and transmission of some of the major viruses of humans. Immunity to viruses and the laboratory diagnosis of viral infections.

162.303 Immunology
15 credits
The principles of immunology including innate immunity, cell and antibody mediated immunity, the major histocompatibility complex, the hypersensitivities, immunodeficiency and autoimmunity. An introduction to vaccines, clinical immunology and immunological laboratory tests.

162.304 Environmental Microbiology
15 credits
Actions and interactions of micro-organisms in soil, water and air, and the consequences of colonisation processes.

162.389 Immunology
15 credits
The principles of immunology including innate immunity, cell and antibody mediated immunity, the major histocompatibility complex, the hypersensitivities, immunodeficiency and autoimmunity. An introduction to vaccines, clinical immunology and immunological laboratory tests.

162.384 Advanced Medical Microbiology
15 credits
Some major bacterial pathogens of humans in terms of the organisms, their habitats, modes of transmission, disease patterns and laboratory diagnosis. The structure, classification, propagation, assay and transmission of some of the major viruses of humans. Immunity to viruses and the laboratory diagnosis of viral infections.
contemporary collecting, and the changing roles of curators and collection managers.

167.743  30 credits
Museum Management
Semester One introduces museum organisation, governance, policy development, strategic planning and marketing. Semester Two introduces financial management, project management and personnel management. Practical skills in project management, budgeting, grant writing, reports and presentations will be taught.

167.744  30 credits
Museums and the Public
Introduces the philosophy, strategies and practical processes of effectively interpreting and communicating museum programmes for a variety of audiences. Topics include visitor studies, communication methods, evaluation, museum education and exhibitions.

167.800  120 credits
MPhil Thesis
Experienced museum professionals may apply for ad eundem statum entry to the MPhil by thesis only. Anyone who has graduated with the Diploma in Museum Studies and who wants to complete a Masters Degree in Museum Studies must enrol in the MPhil by thesis only.

167.801  60 credits
MPhil Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

167.802  60 credits
MPhil Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

167.816  60 credits
Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

167.817  60 credits
Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

167.881  45 credits
Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work.

167.882  45 credits
Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work.

167.883  90 credits
Thesis
A supervised and guided independent study resulting in a published work.

167.890  60 credits
Advanced Research Practicum
A single semester internship at an approved museum or other heritage organisation, including marae. Students wishing to enrol in this course should contact the programme coordinator at the earliest opportunity. Students must work full-time on this practicum which may be used to complement 167.896, thus forming a single project worth 120 credits.

167.896  60 credits
Research Report Museum Studies (60)
Students intending to enrol in this course should write to the programme coordinator of Museum Studies at the earliest opportunity. A dissertation proposal must be submitted by 1 April in the year of enrolment and approved by the Museum Studies Research Committee. A dissertation of not more than 20,000 words must be submitted by 10 October in the year of enrolment.

167.899  120 credits
Thesis
Any student planning to enrol in the MA Thesis should advise the programme coordinator of Museum Studies in writing in the year before enrolment. A local supervisor may also be arranged. Students may enrol part-time and complete the thesis over two years. A thesis of approximately 30,000 words will be submitted. A thesis proposal must be submitted before 1 April in the year of enrolment and approved by the Museum Studies Research Committee. Selection of a thesis supervisor should be discussed with the programme coordinator of Museum Studies.

167.900  120 credits
PhD Museum Studies

168
NURSING

168.121  15 credits
Introduction to Nursing and Praxis
This course introduces selected nursing concepts, examines nursing’s contribution to healthcare and considers legal and ethical issues at a beginning level. A practical component is included to introduce specific skills at a beginning level.

168.123  15 credits
Assessment and Clinical Decision-making I
This course introduces the theory and skills required to collect a comprehensive health history and perform a systematic health assessment with the healthy adult.

168.124  15 credits
Nursing in Health and Wellness across the Lifespan
This course explores the concepts of health and wellness. The theories, models, and strategies of primary health care are examined in relation to the NZ health system. It includes discussion of the nurse’s role in promoting personal health across the lifespan.

168.125  15 credits
Research Methods and Academic Writing in Nursing
Introduction to discipline-related concepts, research and academic processes necessary for a foundation in nursing research and scholarship.

168.161  15 credits
Research and Scholarly Writing in Nursing
An exploration of concepts related to research necessary for evidence-based practice for nurses at an introductory level.

168.162  15 credits
Nursing Fundamentals
Fundamental nursing skills are taught and practised in a simulated environment, and legal and ethical issues are considered. A practicum is included to practise and apply fundamental nursing interventions.

168.163  15 credits
Health across the Lifespan I
Guided by theories of human development, this course explores the concepts of health and wellness, and introduces the Aotearoa/New Zealand health care system. It includes exploring the nurse’s role in promoting health from the age of 24 until death.

168.164  15 credits
Health Across the Lifespan II
Guided by theories of human development, this course explores the concepts of health and wellness from the pre-conceptual period until the age of 24. It includes the exploration of the nurse’s role in promoting health across this specific age range.

168.165  15 credits
Health Assessment and Clinical Decision-making I
Introduction of the theory and skills required to undertake a systematic health assessment related to healthy adults. A practicum is included to consolidate fundamental nursing skills as well as apply a range of health assessment skills.

168.242  15 credits
Nursing in Long-term Adaptation for Healthy Living
An exploration of nursing individuals, families and communities adapting to long-term mental and physical impairment or disability.

168.243  15 credits
Praxis II
The student is provided with the opportunity to develop and extend nursing knowledge and skills in the context of nursing individuals, families and communities living with long-term impairment or disability.

168.244  15 credits
Promoting Health with Individuals, Families and Communities
This course explores how nurses apply the principles of primary health care to promote health with individuals, families, and communities. It includes an examination of the contribution nurses make to maternal, infant and child health, and to the health needs of communities.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>168.245</td>
<td>15</td>
<td>Praxis III</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nursing knowledge and skills relevant to primary health care, health promotion and health maintenance with individuals, families and communities including infants and children are integrated in clinical practice.</td>
</tr>
<tr>
<td>168.246</td>
<td>15</td>
<td>Professional Development in Nursing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Professional issues, ethical concepts and legal requirements in relation to nursing are examined.</td>
</tr>
<tr>
<td>168.261</td>
<td>15</td>
<td>Nursing Research and Evidence-based Practice</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A detailed critique of research methods in nursing, and the relevance and impact of evidence-based approaches on health care practice.</td>
</tr>
<tr>
<td>168.262</td>
<td>15</td>
<td>Nursing People with Long Term Conditions</td>
</tr>
<tr>
<td></td>
<td></td>
<td>An exploration of nursing theory and practice as it relates to persons, their families/whanau, and communities adapting to long-term physical health conditions or disability. A practicum is included to gain nursing experience in the context of long term conditions.</td>
</tr>
<tr>
<td>168.263</td>
<td>15</td>
<td>Mental Health and Addictions Nursing I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>An exploration of nursing theory and practice as it relates to interpersonal skill development and working alongside persons, their families/whanau, and communities adapting to mental health conditions. A practicum is included to gain nursing experience in the context of long term mental health conditions.</td>
</tr>
<tr>
<td>168.264</td>
<td>15</td>
<td>Primary Health Care and Health Promotion</td>
</tr>
<tr>
<td></td>
<td></td>
<td>An exploration and application of the principles of primary health care and health promotion for persons, their families/whanau, and communities. A practicum is included to gain nursing experience in the primary health care context.</td>
</tr>
<tr>
<td>168.265</td>
<td>15</td>
<td>Health Assessment and Clinical Decision-making II</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Consolidating and expanding health assessment theory and skill through focussing on a range of ill-health conditions.</td>
</tr>
<tr>
<td>168.266</td>
<td>15</td>
<td>Professional Nursing Practice</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A critical exploration of ethical concepts and legal requirements for nursing as a regulated profession.</td>
</tr>
<tr>
<td>168.310</td>
<td>15</td>
<td>Research for Clinical Practice</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Further examines the significance of research to nursing and midwifery practice, develops an understanding of the research process and enables informed critique of research design.</td>
</tr>
<tr>
<td>168.311</td>
<td>15</td>
<td>Ethico-legal Dimensions of Nursing Practice</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The essential ethical and legal dimensions of contemporary nursing and midwifery practice are explored. This course includes an overview of ethico-legal nursing and midwifery contexts and issues, an examination of theoretical and applied ethics and those aspects of the legal system that impact significantly on ethical practice.</td>
</tr>
<tr>
<td>168.312</td>
<td>15</td>
<td>Issues in Clinical Practice</td>
</tr>
<tr>
<td></td>
<td></td>
<td>An exploration of contemporary nursing issues across the boundaries of theory, policy and practice.</td>
</tr>
<tr>
<td>168.341</td>
<td>15</td>
<td>Nursing in Acute Illness and Trauma</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The nursing knowledge and strategies required to care for individuals, families and communities experiencing episodes of acute mental and physical illness or injury are examined.</td>
</tr>
<tr>
<td>168.342</td>
<td>30</td>
<td>Praxis IV</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The student will extend and integrate nursing knowledge and health assessment skills, and demonstrate effective nursing interventions in acute healthcare settings. Placements will be in a variety of practice areas and may include homecare.</td>
</tr>
<tr>
<td>168.343</td>
<td>30</td>
<td>Professional Practice</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Synthesising learning in preparation for the transition from student to graduate nurse in selected settings, with an emphasis on active contribution to the inter-professional team.</td>
</tr>
<tr>
<td>168.344</td>
<td>15</td>
<td>Assessment and Clinical Decision-making II</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Focuses on nursing assessment and clinical decision-making in the context of complex health situations across the care continuum.</td>
</tr>
<tr>
<td>168.361</td>
<td>15</td>
<td>Preparing for Professional Practice</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A critical exploration of contemporary health care structures and governing bodies that influence professional nursing.</td>
</tr>
<tr>
<td>168.362</td>
<td>30</td>
<td>Nursing People with Acute Conditions</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nursing practice is examined in regard to care for people and their families/whanau experiencing episodes of acute physical illness or trauma. A practicum is included to consolidate nursing skills in the acute medical/surgical care context.</td>
</tr>
<tr>
<td>168.363</td>
<td>15</td>
<td>Mental Health and Addictions Nursing II</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nursing practice is examined in regard to care for people and their families/whanau experiencing episodes of acute mental distress across the age continuum including the selection, and application of diagnostic screening tools for clinical decision-making. A practicum is included to gain experience and apply nursing skills in the acute care context.</td>
</tr>
<tr>
<td>168.364</td>
<td>30</td>
<td>Pre-graduate Nursing Practice</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The practicum experience consolidates working realities of a novice nurse in a clinical setting.</td>
</tr>
<tr>
<td>168.365</td>
<td>15</td>
<td>Leadership and Management in Nursing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>An exploration of contemporary nursing leadership and management.</td>
</tr>
<tr>
<td>168.366</td>
<td>15</td>
<td>Contexts of Nursing Practice</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A critical examination of care delivery in specialist settings of nursing practice.</td>
</tr>
<tr>
<td>168.703</td>
<td>30</td>
<td>Managing Long Term Conditions</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The multidimensional aspects of managing long term conditions within contemporary society, including self-management and models of chronic care, are examined and applied to improve health service delivery, and optimise health and independence.</td>
</tr>
<tr>
<td>168.709</td>
<td>30</td>
<td>Contemporary Clinical Teaching</td>
</tr>
<tr>
<td></td>
<td></td>
<td>An examination of a range of theoretical perspectives and sociopolitical factors underlying approaches to clinical teaching and learning. Alternative approaches to the design and delivery of practice-based education are explored.</td>
</tr>
<tr>
<td>168.711</td>
<td>30</td>
<td>Health Research Design and Method</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Philosophical, ethical and methodological issues in relation to health research are examined. Selected quantitative and qualitative methods are explored in depth, in preparation for developing a research proposal for a thesis, or research project.</td>
</tr>
<tr>
<td>168.712</td>
<td>30</td>
<td>Pain Management</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The multidimensional aspects of pain management including physiological and psychological components are examined. This knowledge is applied to refine nursing interventions in order to manage the pain experienced by people with acute or chronic ill-health conditions and those receiving palliative care.</td>
</tr>
<tr>
<td>168.713</td>
<td>30</td>
<td>Evidence-Based Practice</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Elements of evidence-based practice are explored with focus on processes of identifying healthcare practice questions, searching and appraising evidence for potential solutions/innovations, making recommendations for practice, preparing evidence for dissemination, and identifying additional gaps in nursing knowledge. Integration of best available evidence with healthcare professional expertise, patient/whanau knowledge and preferences, forms the basis for decision-making processes in healthcare.</td>
</tr>
</tbody>
</table>

HEALTH

486 MASSEY UNIVERSITY 2018 CALENDAR
**Advanced Assessment and Therapeutic Intervention in Mental Health**

Health assessment across the age continuum including physical assessment, assessment of mental status and the selection and application of diagnostic tools for clinical decision-making. A range of therapeutic modalities for working with people in crisis and those living with enduring mental illness is introduced (includes 25 hours lab/practicum).

**Applied Ethics for Professional Practice**

Critique of a range of philosophical approaches and practical ethical decision-making frameworks, focussed on practice application across diverse nursing roles. Particular attention is brought to nurses’ role as moral agents in ‘everyday’ practice. Significant themes include social justice; links between biculturalism, cultural safety and ethics; and the ethical implications of the socio-political context of contemporary healthcare.

**Clinical Specialty: Family Practice**

Optional modules are offered in selected areas of advanced specialty practice, e.g. acute paediatric nursing, community-based family nurse practitioner, and the specialist knowledge base and skills for practice in each setting are examined.

**Clinical Specialty: Older Persons’ Health**

Selected modules related to providing a health service to older people are offered. The specialist knowledge base and skills for working in a variety of older persons’ health settings will be critically examined and their application in particular practice contexts explored.

**Clinical Specialty: Mental Health**

A range of therapeutic modalities including family therapy and cognitive therapy are examined and their application in particular practice contexts explored. Optional modules are offered in selected areas of advanced specialty practice, e.g. youth and adolescent services, alcohol and drug services, Māori or Pacific Island services, and the knowledge base and skills for practice in each setting are examined.

**Māori Centred Practice**

Strategies for the development of a Māori-centred approach to nursing practice will be examined. Partnership frameworks will be developed based on Māori aspirations and strengths with the aim to achieve positive health outcomes for Māori.

**Wound Management**

The multidimensional aspects of wound management including physiological, pathophysiological and psychological components are examined and applied in the clinical practice setting.

**Primary Health Care Nursing**

A critical examination of primary health care nursing practice in the New Zealand context. The course addresses the notion of aligning nursing practice with community need as understood through the lens of the social determinants of health.

**Neonatal Science and Clinical Care of the Neonate I**

An introduction to actual and potential physiological alterations at cellular, organ and systems levels in response to normal and common disease-related conditions of the neonate. Will examine the scientific basis for clinical and therapeutic interventions and nursing management of the infant experiencing prematurity and/or illness in the neonatal period.

**Neonatal Science and Clinical Care of the Neonate II**

An advanced exploration of the pathophysiology and aetiology of conditions affecting the neonate requiring intensive care. Includes a critical examination of the concepts and skills which underpin nursing management of infants experiencing intensive care and their families (includes 25 hours lab/practicum).

**Assessment and Clinical Decision-Making**

Development of advanced nursing practice knowledge and skills and comprehensive holistic health assessment and clinical decision-making.

**Neonatal and Family Assessment and Practice**

Within the context of family centred care students will be prepared to undertake a range of assessments of well, premature, and sick infants and their families as the basis of clinical decision making.

**Leadership in Nursing**

Leadership in professional practice is explored within the broader context of health care. The course critically examines the political, legislative, economic, ethical and cultural issues influencing nursing leadership and the provision of health services within particular scopes of practice.

**Physiology and Pathophysiology**

Translational and clinically relevant physiological and pathophysiological concepts as they apply to nursing practice are examined. Selected signs/symptoms are considered in terms of physiological processes at biochemical, cellular and functional levels. The emphasis is on normal physiological processes and their possible subsequent development to pathophysiological phenomena.

**Clinical Pharmacology**

Pharmacology topics relevant to advanced nursing practice are critically examined. These include pharmacues, pharmacodynamics, pharmacokinetics and a range of pharmacotherapeutic topics.

A supervised placement in an approved setting in which assessment, clinical decision-making and prescribing is undertaken in accordance with the Nursing Council of New Zealand competencies for registered nurse prescribing practice.

**Special Topic I**

A supervised and guided independent study resulting in a published work.

**Special Topic V**

A supervised and guided independent study resulting in a published work.

**Thesis 120 Credit Part 1**

A supervised independent study resulting in a published work.

**Thesis 120 Credit Part 2**

A supervised and guided independent study resulting in a published work.

**Advanced Neonatal Nursing Practicum**

Selected registered nurses who are currently practising in neonatal intensive care units with high-risk infants and families will be prepared for the nurse practitioner role.

**Prescribing for Nurse Practitioner Practice**

A supervised practicum in an approved setting in which assessment, clinical decision-making and prescribing is undertaken in accordance with the Nursing Council of New Zealand competencies for nurse practitioners.

**Clinical Project for Nurses**

The clinical project requires the student to negotiate, plan and implement a project in a clinical setting that meets an identified need related to leading change, quality processes, education or praxis. The project will be guided by an appropriate theoretical perspective and includes a critical review of relevant literature that informs the project purpose and outcomes.

**Research Report**

A supervised and guided independent research project.

**Thesis 90 Credit Part 1**

A supervised and guided independent study resulting in a published work.

**Thesis 90 Credit Part 2**

A supervised and guided independent study resulting in a published work.

**Thesis**

A supervised and guided independent study resulting in a published work.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credit(s)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>168.899</td>
<td>120</td>
<td>Thesis</td>
</tr>
<tr>
<td>168.900</td>
<td>120</td>
<td>PhD Nursing</td>
</tr>
</tbody>
</table>

**ASIAN STUDIES**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credit(s)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>169.101</td>
<td>15</td>
<td>Introduction to Asian Thought</td>
</tr>
</tbody>
</table>

**WOMEN'S STUDIES**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credit(s)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>170.102</td>
<td>15</td>
<td>Women of Ideas and Action</td>
</tr>
<tr>
<td>170.201</td>
<td>15</td>
<td>What is Feminism?</td>
</tr>
<tr>
<td>170.202</td>
<td>15</td>
<td>New Zealand Feminism</td>
</tr>
<tr>
<td>170.800</td>
<td>120</td>
<td>MPhil Thesis</td>
</tr>
<tr>
<td>170.801</td>
<td>60</td>
<td>MPhil Thesis 120 Credit Part 1</td>
</tr>
<tr>
<td>170.802</td>
<td>60</td>
<td>MPhil Thesis 120 Credit Part 2</td>
</tr>
<tr>
<td>170.816</td>
<td>60</td>
<td>MA Thesis (Part I)</td>
</tr>
<tr>
<td>170.817</td>
<td>60</td>
<td>MA Thesis (Part II)</td>
</tr>
<tr>
<td>170.899</td>
<td>120</td>
<td>MA Thesis Women's Studies</td>
</tr>
<tr>
<td>170.900</td>
<td>120</td>
<td>PhD Women's Studies</td>
</tr>
</tbody>
</table>

**AGRICULTURE / HORTICULTURE PLANTS**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credit(s)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>171.798</td>
<td>30</td>
<td>Research Report MSc</td>
</tr>
<tr>
<td>171.871</td>
<td>45</td>
<td>Thesis 90 Credit Part 1</td>
</tr>
<tr>
<td>171.872</td>
<td>45</td>
<td>Thesis 90 Credit Part 2</td>
</tr>
<tr>
<td>171.875</td>
<td>90</td>
<td>Thesis</td>
</tr>
<tr>
<td>171.887</td>
<td>60</td>
<td>Research Report</td>
</tr>
<tr>
<td>171.897</td>
<td>60</td>
<td>Thesis 120 Credit Part 1</td>
</tr>
<tr>
<td>171.898</td>
<td>60</td>
<td>Thesis 120 Credit Part 2</td>
</tr>
<tr>
<td>171.899</td>
<td>120</td>
<td>Thesis</td>
</tr>
<tr>
<td>171.900</td>
<td>120</td>
<td>PhD Plant Science</td>
</tr>
</tbody>
</table>

**LINGUISTICS**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credit(s)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>172.131</td>
<td>15</td>
<td>Language and Communication</td>
</tr>
<tr>
<td>172.133</td>
<td>15</td>
<td>Introduction to Language Studies</td>
</tr>
<tr>
<td>172.231</td>
<td>15</td>
<td>Linguistics for Speech Therapists</td>
</tr>
<tr>
<td>172.232</td>
<td>15</td>
<td>Language and Society in New Zealand</td>
</tr>
<tr>
<td>172.233</td>
<td>15</td>
<td>Language Learning Processes</td>
</tr>
<tr>
<td>172.234</td>
<td>15</td>
<td>Phonetics</td>
</tr>
<tr>
<td>172.235</td>
<td>15</td>
<td>Linguistic Analysis of the English Language</td>
</tr>
<tr>
<td>172.236</td>
<td>15</td>
<td>Forensic Linguistics</td>
</tr>
<tr>
<td>172.237</td>
<td>15</td>
<td>Language, Discourse and Power</td>
</tr>
<tr>
<td>172.239</td>
<td>15</td>
<td>Language and Culture</td>
</tr>
<tr>
<td>172.330</td>
<td>15</td>
<td>Sounds and Structures</td>
</tr>
<tr>
<td>172.334</td>
<td>15</td>
<td>Field Methods</td>
</tr>
</tbody>
</table>
172.335 15 credits
Language and Identity
An advanced sociolinguistic study of how language is used to represent and construct aspects of identity relevant to particular social interactions, including the individual’s ability to negotiate multiple forms of identity and belonging.

172.336 15 credits
Languages of the Pacific
An examination of the three major language subgroups spoken in the Pacific, focussing on their formal elements, the relationship between language and society, and the linguistic consequences of the encounter between Pacific peoples and speakers of non-Pacific languages.

172.337 15 credits
Historical and Comparative Linguistics
An advanced study of historical language change and language relationships. The course examines reasons for and types of language change, and methods for reconstructing earlier language forms.

172.338 15 credits
Language and Mediated Communication in a Transcultural World
An examination of one-to-many communication in the Web and mediated contexts, focussing on globalised and transcultural communication of linguistics perspectives.

172.712 30 credits
Multimodal Discourse Analysis
This course examines communication as a multimodal phenomenon, assessing space and time as key variables in the production of written and spoken utterances.

172.713 30 credits
Language and Communication in Late Modernity
This course examines the linguistic construction of some key themes that have emerged in late modernity such as globalising panic, emotions and the imperative to feel, the discursive construction of the body, discourse and the late modernity.

172.799 30 credits
Research Report
The supervised undertaking of an original piece of research into discourse and communication from a linguistic perspective.

172.800 120 credits
MPhil Thesis
A supervised and guided independent study resulting in a published work.

172.816 60 credits
MPhil Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

172.817 60 credits
MPhil Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

172.850 120 credits
Thesis
The supervised undertaking of an original piece of research into discourse and communication from a linguistics perspective.

172.851 60 credits
Thesis 120 Credit Part 1
The supervised undertaking of an original piece of research into discourse and communication from a linguistics perspective.

172.852 60 credits
Thesis 120 Credit Part 2
The supervised undertaking of an original piece of research into discourse and communication from a linguistics perspective.

172.855 60 credits
Master of Communication Research Project
An applied research project involving the critical evaluation and application of selected research methodologies to address communication-related challenges.

172.899 120 credits
Thesis

172.900 120 credits
PhD Linguistics

175.101 15 credits
Psychology as a Social Science
An introduction to psychology as the scientific study of human behaviour, with emphasis on individual differences and social influences. The course aims to develop an awareness of the issues, terminology, methods and techniques involved in the study of human behaviour.

175.102 15 credits
Psychology as a Natural Science
An introduction to methods and findings from the scientific study of psychology and its application to everyday human behaviour. Examination of basic behavioural, perceptual and cognitive processes and how these are influenced by biological mechanisms and cultural context.

175.201 15 credits
Social Psychology
A survey of contemporary experimental social psychology. Against this backdrop critical perspectives are introduced with particular emphasis on the practice of discursive psychology in the New Zealand context.

175.203 15 credits
Introduction to Psychological Research
An introduction to methods commonly used in psychological research to define problems, measure psychological phenomena, choose designs, analyse and interpret data and communicate research information.

175.205 15 credits
Brain and Behaviour
An introduction to basic biological processes underpinning behaviour and what happens when these processes are disrupted. Students will develop critical thinking and effective communication skills (both verbal and written) in relation to biological psychology.

175.206 15 credits
Memory and Cognition
The central goal of the course is to consider how knowledge is represented and processed in the brain. Students will be introduced to the mental processes involved in thinking and knowing, studied within a converging methods framework that includes evidence from experimental psychology, neuroscience, neuropsychology, and cognitive science.

175.210 15 credits
Nga Ti Kohanga Ru a te Taha Hinengaro: Bicultural Perspectives in Psychology
This course examines Maori worldviews within the context of psychology in Aotearoa/New Zealand. Maori psychological theories provide valuable insights into an understanding of well being, spirituality, and familial relationships. Students are given guidance on how to competently implement this knowledge to encourage biculturalism in psychological practice, teaching, and research.

175.301 15 credits
Community Psychology
Community psychology focuses on people within the contexts of social settings and systems, that is, in ecological relationships with social and physical environments. Conceptual frameworks, the roles of research and practice, and specific intervention strategies developed and used by community psychologists will be among topics considered.

175.302 15 credits
Abnormal and Therapeutic Psychology
This course provides an introduction to abnormal psychology, with an emphasis on current thinking and research in the field. The course examines the core concepts in defining and classifying abnormality, some of the major psychological disorders across the lifespan, and empirically supported approaches to explaining and treating these disorders.

175.303 15 credits
The Practice of Psychological Research
Study of the practice of psychological research. Students undertake a range of exercises and class projects to develop practical research skills.

175.304 15 credits
The Psychology of Security
An exploration of how psychology can be utilised to improve our understanding of, and responses to, the various security challenges posed by the contemporary environment.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.306</td>
<td>15</td>
<td>Assessment of Individual Differences</td>
<td>Study of the basic concepts of psychological testing within the broad context of the assessment of individual and group differences. Examination of the rationale behind testing and its application to a wide range of assessment situations.</td>
</tr>
<tr>
<td>175.309</td>
<td>15</td>
<td>Forensic Psychology</td>
<td>The focus of this course is to study the issues and controversies in contemporary relationships between psychology and law. The diversity of the field of forensic practice is reflected in the topics covered, and the themes of violence and justice are used to represent the multidisciplinary influences at the nexus of psychology and law within mental health and legal systems.</td>
</tr>
<tr>
<td>175.311</td>
<td>15</td>
<td>Psychology of Women</td>
<td>A theory and research-based examination of psychological issues that concern women. The issues are viewed from four contemporary theoretical perspectives and include psychological differences among women and life events that occur exclusively for women. The history of women in psychology and research methodologies suitable for use with women and girls will also be examined.</td>
</tr>
<tr>
<td>175.313</td>
<td>15</td>
<td>Gender and Violence</td>
<td>A critical, research-based examination of the forms and prevalence of gendered violence, and an examination of selected legislation and intervention practices advocated for reducing and eliminating gendered violence in Aotearoa New Zealand.</td>
</tr>
<tr>
<td>175.316</td>
<td>15</td>
<td>Evolution, Culture and Mind</td>
<td>An evolutionary approach to viewing humans as a species socialized into meaning-making, focusing on biological, cultural, and evolutionary bases of human behaviour, and on applying different approaches to culture to understand the self, and the functioning of societies and culture.</td>
</tr>
<tr>
<td>175.317</td>
<td>15</td>
<td>Health Psychology</td>
<td>This course consists of an introduction to and critique of general theories and models that have been used to understand, describe, predict and change behaviours related to health and illness and health promotion. It has a strong focus on the application of health psychology in the New Zealand context.</td>
</tr>
<tr>
<td>175.318</td>
<td>15</td>
<td>Experimental Psychology</td>
<td>An examination of cognitive, neuropsychological, and electrophysiological techniques of experimental psychology through a hands-on approach.</td>
</tr>
<tr>
<td>175.343</td>
<td>15</td>
<td>Personnel Psychology and Career Development</td>
<td>Study of applied aspects of individual differences in organisations. Issues such as selection and training, performance evaluation, occupational health and vocational and career development will be studied.</td>
</tr>
<tr>
<td>175.345</td>
<td>15</td>
<td>Organisational Psychology</td>
<td>An introduction to key concepts within organisational psychology, concentrating on the interplay between theoretical issues and practical concerns. Students will be enabled to critically evaluate the implications which different psychological perspectives have for understanding organisational problems.</td>
</tr>
<tr>
<td>175.718</td>
<td>15</td>
<td>Postmodernism and Psychology</td>
<td>The course will focus on some of the ways in which the cultural phenomenon labelled as ‘postmodernism’ has impacted on/in psychology, with particular emphasis on the poststructuralist theories through which postmodern psychology is developing.</td>
</tr>
<tr>
<td>175.719</td>
<td>15</td>
<td>Applied Criminal Psychology</td>
<td>An advanced study of the actiology of recurrent criminal behaviour with reference to cultural and ethnicity issues, familial and societal factors, and cognitive and psychopathological correlates. The underlying emphasis of the course is offender rehabilitation.</td>
</tr>
<tr>
<td>175.720</td>
<td>15</td>
<td>Advanced Psychology of Women</td>
<td>This course examines contemporary theoretical studies in the psychology of women. It is an advanced study of the history of women in psychology and critiques traditional approaches to research on women and girls. It includes three contemporary approaches focusing on specific areas of concern in the sub-discipline at present.</td>
</tr>
<tr>
<td>175.721</td>
<td>15</td>
<td>Child and Family Therapy</td>
<td>The course covers a variety of theoretical frameworks which are used in working with children and families. An in-depth case study approach will be used to develop students' skills in working with children and families. The course is designed to build on the students prior knowledge of developmental and abnormal psychology.</td>
</tr>
<tr>
<td>175.722</td>
<td>15</td>
<td>Principles of Clinical Neuropsychology</td>
<td>This course will focus on the principles of neuropsychological assessment, as they apply across the life span. Factors which influence neuropsychological functioning will be considered including neuroanatomy, cognitive functioning and the conditions that influence these factors.</td>
</tr>
<tr>
<td>175.724</td>
<td>30</td>
<td>Advanced Experimental Psychology</td>
<td>This course provides an advanced overview of the theoretical and methodological issues that define contemporary experimental psychology with particular focus on affective, cognitive, and social psychology.</td>
</tr>
<tr>
<td>175.725</td>
<td>30</td>
<td>Advanced Social Psychology</td>
<td>'Identity, emotions, prejudice and attitudes are not things hiding in the person which the psychologist can ‘discover’ but are created by the language which is used to describe them. ' This course introduces students to discursive psychology in the context of social psychology. The ‘turn to language’ challenges previous notions of reality, truth, knowledge, objectivity and research methodology. Equal emphasis is placed on understanding both theory and practice.</td>
</tr>
<tr>
<td>175.729</td>
<td>15</td>
<td>Psychology and Culture</td>
<td>This course examines the wide-ranging influence culture has in people’s lives, from their ideological beliefs and values to their behaviour patterns. How cultural influences have been considered in the theory, research, and practice of psychology will be examined.</td>
</tr>
<tr>
<td>175.730</td>
<td>15</td>
<td>Professional Practice in Psychology</td>
<td>The course provides an in-depth examination of the professional issues that impact on the practice of psychology. Models of practice, ethics, the statutes that affect practitioners, professional interrelationships and cultural issues are all analysed using a case-based approach.</td>
</tr>
<tr>
<td>175.732</td>
<td>15</td>
<td>Psychological Well-being in Organisations</td>
<td>This course examines the influence of organisational and work characteristics on staff well-being and performance. It covers stress and stress management, designing salutogenic workplaces, implications of disaster and crises for staff, families and communities, psychological aspects of promoting health and safety in organisations.</td>
</tr>
<tr>
<td>175.733</td>
<td>15</td>
<td>Sustainable Livelihood</td>
<td>According to the UN, Sustainable Livelihoods include not only access to shelter and food but also security, dignity, societal participation for groups and individuals. This course examines how workplaces potentially enable such capabilities, e.g., by respecting cultural foundations, enabling work-life-balance, providing decent work, and reducing inequality, through equitable partnerships between organizations along global supply chains, fair trade, living wages.</td>
</tr>
<tr>
<td>175.734</td>
<td>15</td>
<td>Child Clinical Neuropsychology</td>
<td>This course is designed to enable students to understand and use theories, research and skills involved in child neuropsychology. An emphasis will be placed on functioning in interdisciplinary teams.</td>
</tr>
<tr>
<td>175.737</td>
<td>15</td>
<td>Occupational Psychology</td>
<td>This course examines the relationship between people and organisations. Adopting a psychological perspective, it examines strategic aspects of staff development, job, social and cognitive approaches to task and role analysis, recruitment, selection, the training process, equal employment opportunities, industrial relations and performance assessment.</td>
</tr>
</tbody>
</table>
| 175.738     | 15      | Psychological Research: Principles of Design | An advanced study of the principles of research design in psychology. The course will provide a conceptual orientation to the integrated components
of the design process. Through a meta-theoretical framework, various approaches to design will be explored to enable advanced engagement with psychological research from scientific, interpretivist and/or indigenous perspectives.

**175.739 Health Psychology: Understanding Health and Illness**
15 credits

An examination of how psychological factors enhance physical health or increase the risk of illness and disease. Theoretical and methodological aspects of etiology are given particular emphasis using examples from such areas as cardiovascular diseases and psychoneuroimmunology.

**175.740 Occupational Health Psychology**
15 credits

The application of psychological principles and theory to health and hazards in occupational settings. Students will learn critical skills in psychological assessment, monitoring and intervention design, appropriate for the environmental, cultural and political contexts of the New Zealand workplace.

**175.741 Psychological Assessment in Organisations**
15 credits

This course investigates the application of the principles and theory of psychological measurement in organisational contexts. It covers the development of psychological tests, the implications of organisational factors for psychological constructs, test characteristics and test evaluation, and the application of psychological tests for processes such as selection, promotion, performance appraisal.

**175.743 Health Psychology: The Social Context**
15 credits

An examination of psychological theory and research on how social context shapes the experience of physical health and illness. An emphasis will be placed on the individual’s understandings of health and experience of illness, and a critical consideration of research methods appropriate for examining these issues.

**175.744 Health Psychology: Promoting Health**
15 credits

An analysis of psychological theories and methods as applied to health promotion and disease prevention, and consideration of their applications at group, community and population levels.

**175.746 Psychological Research: Multivariate Data Analysis**
15 credits

An examination of how psychologists use data analysis techniques to address complex research problems involving multiple variables. Techniques including multiple regression, factor analysis and structural equation modelling are explored, with an emphasis on the relationships between analyses, research questions and design issues.

**175.747 The Psychology of Sport and Exercise**
15 credits

The course will examine current psychological theories and related research in the sport and exercise domain. Specifically, the focus of the course is on how psychological factors influence involvement and performance in sport and exercise.

**175.748 The Psychology of Organisational Change**
15 credits

This course examines psychological aspects of organisational change. It considers societal and organisational factors driving change and models of both planned and unplanned organisational change, illustrating these issues through the use of case studies of organisational change and psychologists’ accounts of their experiences as change agents.

**175.749 Health Psychology Practicum**
15 credits

Practical experience of at least 120 hours working in a community health agency under supervision. Students will participate in the design, implementation or evaluation of a health intervention, and critically reflect on their practice in relation to relevant theories and methods.

**175.751 Neuropsychological Rehabilitation**
15 credits

This course is designed to enable students to understand and use theories, research, and skills involved in neuropsychological rehabilitation. This course will review interventions that arise from neuropsychological evaluation. An emphasis will be placed on functioning in interdisciplinary teams.

**175.761 Theory and Practice of Cognitive Behaviour Therapy**
15 credits

This course provides a broad overview to the theory and practice of Cognitive Behaviour Therapy. Early research foundations and current empirical support will be examined. In addition to gaining an understanding of the generic cognitive model and its variants, practical experience in the use of basic assessment instruments and procedures for effective behavioural and cognitive intervention will be gained through demonstrations and roleplays.

**175.762 Cognitive Behaviour Therapy for Depression**
15 credits

This course provides an intensive and detailed presentation of the theory, empirical status, and therapeutic methods of Cognitive Behaviour Therapy specific to the assessment and clinical management of depression. Throughout the course, supervised practical experience will be gained in structuring the course of therapy and in the use of a variety of Cognitive Behaviour Therapy techniques including the essential skills of Socratic questioning and guided discovery.

**175.763 Cognitive Behaviour Therapy for Anxiety Disorders**
15 credits

This course examines the success and long-term understanding of the specific cognitive behavioural models, current empirical support, assessment and clinical management strategies for Generalised Anxiety Disorder, Panic Disorder, Social Anxiety and Obsessive Compulsive Disorder.

**175.764 Cognitive Behaviour Therapy for Chronic and Complex Disorders**
15 credits

This course examines the success and long term understanding of specific empirically supported cognitive models, and assessment and clinical strategies useful in the treatment of chronic and complex disorders including personality disorders, some psychotic disorders, and the management of complex clinical problems.

**175.765 Cognitive Behaviour Therapy Clinical Practicum**
60 credits

The clinical practicum is a core component in Cognitive Behaviour Therapy training. It is designed to provide close and intensive supervision of clinical casework in Cognitive Behaviour Therapy over the course of the academic year. It consists of weekly supervision around videotaped clinical sessions, formal rating of videotaped clinical sessions, and the written and oral presentation of casework. A final examination is held to assess competence in the practice of Cognitive Behaviour Therapy through the use of written and videotaped clinical vignettes.

**175.776 On-Line Seminar in Contemporary Professional Development**
15 credits

This is a participatory course conducted through an electronic forum. Students will explore issues of the nature of therapeutic relationships, ethical considerations, and the central theoretical ideas animating the programme reflexively in a conversational format. Particular case studies and current dilemmas arising in the work of participating practitioners from the varying therapeutic schools studied in the other courses of this programme will provide a focus for articulating the practical relevance of the main academic content covered throughout the programme.

**175.778 Principles of Social Therapy**
15 credits

A consideration of the key elements and objectives of Social Therapy.

**175.781 Clinical Psychopathology**
15 credits

In this course students will develop the knowledge necessary to recognise the most common mental health problems that affect people throughout the lifespan, integrating a variety of theoretical frameworks. The course is designed to build on prior knowledge of abnormal psychology.

**175.782 Clinical Psychology Assessment**
15 credits

This course will examine a variety of standard objective and subjective clinical assessment instruments, and their use in diagnosis and treatment across the lifespan. Topics covered include cognitive, emotional and behavioural assessment; diagnosis-specific and population-specific instruments; and diagnostic interview systems. Principles of test administration, scoring and interpretation as well as ethical issues surrounding psychological testing will also be covered.

**175.783 Clinical Psychology Interventions**
15 credits

This course emphasises empirically validated treatments and integration of psychotherapy research and practice across the lifespan. The course covers behavioural and cognitive-behavioural interventions, experiential and brief dynamic psychotherapies as well as other factors in therapy (e.g., the roles of therapist, client, and culture).

**175.799 Research Report (30)**
30 credits
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.800</td>
<td>120</td>
<td>MPhil Thesis</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>175.801</td>
<td>60</td>
<td>MPhil Thesis 120 Credit Part 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>175.802</td>
<td>60</td>
<td>MPhil Thesis 120 Credit Part 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>175.811</td>
<td>30</td>
<td>Clinical Assessment Skills</td>
</tr>
<tr>
<td></td>
<td></td>
<td>This is a workshop based course that requires students to engage in learning activities across a full range of applied skills, of clinical psychology assessment across the lifespan, including interview skills, skills in case conceptualisation and psychological formulation, and skills in the selection, administration, scoring, interpretation and reporting of psychological and neuropsychological tests. Training will also include compulsory attendance at workshops and other training opportunities as they arise.</td>
</tr>
<tr>
<td>175.812</td>
<td>30</td>
<td>Clinical Intervention Skills</td>
</tr>
<tr>
<td></td>
<td></td>
<td>This is a workshop based course that requires students to engage in learning activities across a full range of applied skills, of clinical psychology interventions across the lifespan, including behavioural and cognitive behavioural interventions, family and systems approaches and neurorehabilitation interventions. Training will also include compulsory attendance at workshops and other training opportunities as they arise.</td>
</tr>
<tr>
<td>175.813</td>
<td>60</td>
<td>Clinical Psychology Practica</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Provides structured supervision of the student’s clinical activities. It includes observation of the work of clinical psychologists, supervised practice of designated clinical psychology skills, and exploration of individualised psychotherapy approaches and formal treatment protocols in a selected domain of practice. And provides opportunities for supervised practice of all the professional activities of a clinical psychologist, including working in professional teams, conducting assessments under supervision, and using the empirical literature to guide clinical decision making.</td>
</tr>
<tr>
<td>175.814</td>
<td>120</td>
<td>Clinical Psychology Internship</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Supervised experience in all aspects of clinical psychology service delivery in a professional service setting, with increasing emphasis on independent ability to offer specialised assessment and treatment programmes to a diversity of clients in a safe, culturally appropriate, and ethical manner. The internship comprises a minimum of fifteen hundred hours of supervised direct clinical experience in an approved setting. The internship involves supervision, videotaped assessment of work with clients, seminars and workshops designed to deal with specialised clinical issues such as client safety, legal concerns, sophisticated diagnostic methods, bicultural practice and so on, culminating in a practical-oriented exam involving external examiners.</td>
</tr>
<tr>
<td>175.821</td>
<td>60</td>
<td>Professional Issues in the Practice of Industrial/Organisational Psychology</td>
</tr>
<tr>
<td></td>
<td></td>
<td>This course requires students to review six key topics in the professional practice of I/O psychology, and to write up these reviews into a professionally formatted report. Topics are tailored to each student’s work and career path.</td>
</tr>
<tr>
<td>175.822</td>
<td>60</td>
<td>Practicum in Industrial/Organisational Psychology</td>
</tr>
<tr>
<td></td>
<td></td>
<td>This course provides supervision of the student’s I/O psychology activities in the workplace throughout the course of the academic period of study. It includes regular supervised I/O practice, and the written and oral presentation of everyday I/O practices in the workplace via reports, email contact and workplace visits, and a final examination that addresses these.</td>
</tr>
<tr>
<td>175.832</td>
<td>15</td>
<td>Advanced Clinical Psychology</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Provides an opportunity to gain additional specialisation in an area of student choice in such topics as child and family mental health, forensic/correctional psychology, neuropsychology, health psychology or cognitive behaviour therapy.</td>
</tr>
<tr>
<td>175.834</td>
<td>15</td>
<td>Advanced Clinical Practice in Psychology</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Provides detailed exposure to the scientist-practitioner model of clinical psychology with diverse client groups, including emphasis on culturally appropriate practices, ethics and professional implications of the Treaty of Waitangi.</td>
</tr>
<tr>
<td>175.841</td>
<td>48</td>
<td>Clinical Case Studies</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Six case-studies based on both research and clinical psychology practice completed during the enrolment in the Postgraduate Diploma in Clinical Psychology.</td>
</tr>
<tr>
<td>175.842</td>
<td>36</td>
<td>Internship Work</td>
</tr>
<tr>
<td></td>
<td></td>
<td>An internship where the student engages in supervised practice and training during their enrolment in the Postgraduate Diploma in Clinical Psychology.</td>
</tr>
<tr>
<td>175.843</td>
<td>36</td>
<td>Practical/Oral Exam</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The culmination of the Postgraduate Diploma in Clinical Psychology: the suitability of the student to practice independently is assessed.</td>
</tr>
<tr>
<td>175.851</td>
<td>30</td>
<td>Advanced Professional Issues in Psychological Practice Part I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Part I of a traineeship year which focuses on supervised professional practice.</td>
</tr>
<tr>
<td>175.852</td>
<td>30</td>
<td>Advanced Professional Issues in Psychological Practice Part II</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Part II of a traineeship year which focuses on supervised professional practice.</td>
</tr>
<tr>
<td>175.853</td>
<td>30</td>
<td>Practicum in Psychological Practice Part I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Part I of a traineeship year which provides for supervision of the student’s psychological activities in professional practice.</td>
</tr>
<tr>
<td>175.854</td>
<td>30</td>
<td>Practicum in Psychological Practice Part II</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Part II of a traineeship year which provides for supervision of the student’s psychological activities in professional practice.</td>
</tr>
<tr>
<td>175.873</td>
<td>60</td>
<td>Research Report Psychology (60)</td>
</tr>
<tr>
<td>175.892</td>
<td>45</td>
<td>Thesis 90 Credit Part 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>175.893</td>
<td>45</td>
<td>Thesis 90 Credit Part 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>175.894</td>
<td>60</td>
<td>Thesis 120 Credit Part 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>175.895</td>
<td>30</td>
<td>Thesis Part I (30)</td>
</tr>
<tr>
<td>175.896</td>
<td>60</td>
<td>Thesis 120 Credit Part 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>175.897</td>
<td>90</td>
<td>Thesis</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>175.899</td>
<td>120</td>
<td>Thesis</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>175.900</td>
<td>120</td>
<td>PhD Psychology</td>
</tr>
<tr>
<td>175.920</td>
<td>15</td>
<td>Clinical Psychology Practicum A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Provides structured supervision of the student’s clinical activities in the workplace to fulfil clinical psychology practicum requirements. It included observation of the work of clinical psychologists, supervised practice of designated clinical psychology skills, and exploration of individualised psychotherapy approaches and formal treatment protocols in a selected domain of practice.</td>
</tr>
<tr>
<td>175.921</td>
<td>15</td>
<td>Clinical Psychology Practicum B</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Provides further supervision of the student’s clinical activities in the workplace to fulfil clinical psychology practicum requirements. It includes supervised practice of all the professional activities of a clinical psychologist, including working in professional teams, conducting assessments under supervision, and using the empirical literature to guide clinical decision making.</td>
</tr>
</tbody>
</table>
176.205 Animals and Human Societies
An exploration of relationships between animals and human societies historically and contemporarily. The course will consider ways in which social, political, economic and cultural relationships, institutions and dynamics have shaped and have been shaped by the human - animal configuration.

176.206 Understanding Social Life
An introduction to the philosophy of social science as it informs contemporary social scientific knowledge practices, particularly the social research process. In addition to introducing a range of methodologies, the course also surveys the socio-political context of social research.

176.207 Family, Intimacy and Domestic Life
Sociological analyses of personal and familial relationships, focussing on both classical and contemporary accounts of intimate and domestic life. Topics covered may include family formation, parenting, intimate relationships, ‘dating’ and friendship. Particular attention is given to historical and contemporary examples in Aotearoa/New Zealand.

176.216 Understanding Globalisation
This course examines the complexity of globalisation through a range of images that sociologists use to understand contemporary global change such as the network society, the knowledge society, the consumer society, the risk society, the fundamentalist society. It also explores how these images are played out within local contexts and personal experiences.

176.218 Race, Nation and Modernity
A review of the development of ideas of race and nation from the early modern era in Europe through to their world-wide crisis of the twentieth century. The arrival of ideas about race and nation in colonial Aotearoa New Zealand is outlined. Contemporary attempts to move beyond race, via the concepts of ethnicity and indigeneity, are detailed with an emphasis on this country’s cultural politics.

176.219 The Transformation of the Pacific: Central Themes
The course will explore social and economic forces which have transformed the social and economic organisation of Pacific societies since 1500; the responses of Pacific societies to these forces, and the ways these have shaped the contemporary condition of the region.

176.221 Ethnicity and Identity: Central Themes
The course explores theories from biology, psychology and economics which have been used to explain the origins and extraordinary resilience of ethnicity in societies. It focuses on sociological models which represent ethnicity as a dynamic phenomenon, and examines the processes of ethnic identity acquisition and transformation, and the social, economic, and political consequences of ethnicity for individuals, groups and states.

176.222 Cities in the Twenty-first Century
This course identifies and theorises the sociological issues and complexities associated with contemporary cities. It traverses the development of modern cities and city forms, examines various experiences and theorisations of city life and critically explores the concept of urban sustainability, with particular emphasis on social sustainability and urban housing.

176.223 The Sociological Project
An overview of the key schools of thought that make up the sociological project, demonstrating how these schools inform both the questions sociologists ask of social life and the contending answers they give.

176.224 Development and Social Change: Central Themes
An introduction to the history of development theories including modernisation, dependency and world systems. The course uses Pacific case studies to explore how ‘development orthodoxies’ defined ‘problems’ and ‘solutions’ in ways which compromised societies’ social, economic, and environmental viability.

176.225 Small Groups
An exploration of the behaviours that are involved in small groups of people who share some common purpose. The latest theory and research is combined with case studies of actual group behaviours to investigate the dynamic processes that occur in small groups at work, domestically, socially or recreationally.

176.207 Family, Intimacy and Domestic Life
Sociological analyses of personal and familial relationships, focussing on both classical and contemporary accounts of intimate and domestic life. Topics covered may include family formation, parenting, intimate relationships, ‘dating’ and friendship. Particular attention is given to historical and contemporary examples in Aotearoa/New Zealand.

176.216 Understanding Globalisation
This course examines the complexity of globalisation through a range of images that sociologists use to understand contemporary global change such as the network society, the knowledge society, the consumer society, the risk society, the fundamentalist society. It also explores how these images are played out within local contexts and personal experiences.

176.218 Race, Nation and Modernity
A review of the development of ideas of race and nation from the early modern era in Europe through to their world-wide crisis of the twentieth century. The arrival of ideas about race and nation in colonial Aotearoa New Zealand is outlined. Contemporary attempts to move beyond race, via the concepts of ethnicity and indigeneity, are detailed with an emphasis on this country’s cultural politics.

176.219 The Transformation of the Pacific: Central Themes
The course will explore social and economic forces which have transformed the social and economic organisation of Pacific societies since 1500; the responses of Pacific societies to these forces, and the ways these have shaped the contemporary condition of the region.

176.221 Ethnicity and Identity: Central Themes
The course explores theories from biology, psychology and economics which have been used to explain the origins and extraordinary resilience of ethnicity in societies. It focuses on sociological models which represent ethnicity as a dynamic phenomenon, and examines the processes of ethnic identity acquisition and transformation, and the social, economic, and political consequences of ethnicity for individuals, groups and states.

176.222 Cities in the Twenty-first Century
This course identifies and theorises the sociological issues and complexities associated with contemporary cities. It traverses the development of modern cities and city forms, examines various experiences and theorisations of city life and critically explores the concept of urban sustainability, with particular emphasis on social sustainability and urban housing.

176.223 The Sociological Project
An overview of the key schools of thought that make up the sociological project, demonstrating how these schools inform both the questions sociologists ask of social life and the contending answers they give.

176.224 Development and Social Change: Central Themes
An introduction to the history of development theories including modernisation, dependency and world systems. The course uses Pacific case studies to explore how ‘development orthodoxies’ defined ‘problems’ and ‘solutions’ in ways which compromised societies’ social, economic, and environmental viability.

176.225 Small Groups
An exploration of the behaviours that are involved in small groups of people who share some common purpose. The latest theory and research is combined with case studies of actual group behaviours to investigate the dynamic processes that occur in small groups at work, domestically, socially or recreationally.

176.206 Understanding Social Life
An introduction to the philosophy of social science as it informs contemporary social scientific knowledge practices, particularly the social research process. In addition to introducing a range of methodologies, the course also surveys the socio-political context of social research.

176.207 Family, Intimacy and Domestic Life
Sociological analyses of personal and familial relationships, focussing on both classical and contemporary accounts of intimate and domestic life. Topics covered may include family formation, parenting, intimate relationships, ‘dating’ and friendship. Particular attention is given to historical and contemporary examples in Aotearoa/New Zealand.

176.216 Understanding Globalisation
This course examines the complexity of globalisation through a range of images that sociologists use to understand contemporary global change such as the network society, the knowledge society, the consumer society, the risk society, the fundamentalist society. It also explores how these images are played out within local contexts and personal experiences.

176.218 Race, Nation and Modernity
A review of the development of ideas of race and nation from the early modern era in Europe through to their world-wide crisis of the twentieth century. The arrival of ideas about race and nation in colonial Aotearoa New Zealand is outlined. Contemporary attempts to move beyond race, via the concepts of ethnicity and indigeneity, are detailed with an emphasis on this country’s cultural politics.

176.219 The Transformation of the Pacific: Central Themes
The course will explore social and economic forces which have transformed the social and economic organisation of Pacific societies since 1500; the responses of Pacific societies to these forces, and the ways these have shaped the contemporary condition of the region.

176.221 Ethnicity and Identity: Central Themes
The course explores theories from biology, psychology and economics which have been used to explain the origins and extraordinary resilience of ethnicity in societies. It focuses on sociological models which represent ethnicity as a dynamic phenomenon, and examines the processes of ethnic identity acquisition and transformation, and the social, economic, and political consequences of ethnicity for individuals, groups and states.

176.222 Cities in the Twenty-first Century
This course identifies and theorises the sociological issues and complexities associated with contemporary cities. It traverses the development of modern cities and city forms, examines various experiences and theorisations of city life and critically explores the concept of urban sustainability, with particular emphasis on social sustainability and urban housing.

176.223 The Sociological Project
An overview of the key schools of thought that make up the sociological project, demonstrating how these schools inform both the questions sociologists ask of social life and the contending answers they give.

176.224 Development and Social Change: Central Themes
An introduction to the history of development theories including modernisation, dependency and world systems. The course uses Pacific case studies to explore how ‘development orthodoxies’ defined ‘problems’ and ‘solutions’ in ways which compromised societies’ social, economic, and environmental viability.

176.225 Small Groups
An exploration of the behaviours that are involved in small groups of people who share some common purpose. The latest theory and research is combined with case studies of actual group behaviours to investigate the dynamic processes that occur in small groups at work, domestically, socially or recreationally.

176.206 Understanding Social Life
An introduction to the philosophy of social science as it informs contemporary social scientific knowledge practices, particularly the social research process. In addition to introducing a range of methodologies, the course also surveys the socio-political context of social research.

176.207 Family, Intimacy and Domestic Life
Sociological analyses of personal and familial relationships, focussing on both classical and contemporary accounts of intimate and domestic life. Topics covered may include family formation, parenting, intimate relationships, ‘dating’ and friendship. Particular attention is given to historical and contemporary examples in Aotearoa/New Zealand.

176.216 Understanding Globalisation
This course examines the complexity of globalisation through a range of images that sociologists use to understand contemporary global change such as the network society, the knowledge society, the consumer society, the risk society, the fundamentalist society. It also explores how these images are played out within local contexts and personal experiences.

176.218 Race, Nation and Modernity
A review of the development of ideas of race and nation from the early modern era in Europe through to their world-wide crisis of the twentieth century. The arrival of ideas about race and nation in colonial Aotearoa New Zealand is outlined. Contemporary attempts to move beyond race, via the concepts of ethnicity and indigeneity, are detailed with an emphasis on this country’s cultural politics.

176.219 The Transformation of the Pacific: Central Themes
The course will explore social and economic forces which have transformed the social and economic organisation of Pacific societies since 1500; the responses of Pacific societies to these forces, and the ways these have shaped the contemporary condition of the region.

176.221 Ethnicity and Identity: Central Themes
The course explores theories from biology, psychology and economics which have been used to explain the origins and extraordinary resilience of ethnicity in societies. It focuses on sociological models which represent ethnicity as a dynamic phenomenon, and examines the processes of ethnic identity acquisition and transformation, and the social, economic, and political consequences of ethnicity for individuals, groups and states.

176.222 Cities in the Twenty-first Century
This course identifies and theorises the sociological issues and complexities associated with contemporary cities. It traverses the development of modern cities and city forms, examines various experiences and theorisations of city life and critically explores the concept of urban sustainability, with particular emphasis on social sustainability and urban housing.

176.223 The Sociological Project
An overview of the key schools of thought that make up the sociological project, demonstrating how these schools inform both the questions sociologists ask of social life and the contending answers they give.

176.224 Development and Social Change: Central Themes
An introduction to the history of development theories including modernisation, dependency and world systems. The course uses Pacific case studies to explore how ‘development orthodoxies’ defined ‘problems’ and ‘solutions’ in ways which compromised societies’ social, economic, and environmental viability.

176.225 Small Groups
An exploration of the behaviours that are involved in small groups of people who share some common purpose. The latest theory and research is combined with case studies of actual group behaviours to investigate the dynamic processes that occur in small groups at work, domestically, socially or recreationally.
176.308 Sociology of the Environment 15 credits
An advanced examination of the interconnections between society and the environment with a particular emphasis on the roles of science and politics in the creation of environmental knowledge and practice.

176.309 Development and Social Change: Contemporary Issues 15 credits
Development theory from the Washington Consensus to the present. Analysis of major issues including the funding of development; shifts from structural adjustment to poverty alleviation; alternative development models. Case studies will be drawn from the Pacific region.

176.310 Ethnicity and Ethnic Identity: Contemporary Issues 15 credits
An examination of factors driving contemporary trends in ethnic identity and ethnic relations. The course explores the ways in which the lives of individuals and societies are being reshaped by forces such as migration, intermarriage, mass media, new communication technologies, redistribution of global wealth, and politisisation of ethnicity.

176.316 Understanding Globalisation in Depth 15 credits
This course examines at an advanced level the complexity of globalisation through a range of images that sociologists use to understand contemporary global change such as the network society, the knowledge society, the consumer society, the risk society, the fundamentalist society. It also explores how these images are played out within local contexts and personal experiences.

176.318 Sociology of Death and Dying 15 credits
A grounding in the literature on death and dying and an examination of sociological analyses of dying and death. The course is intended for Sociology and other students.

176.322 The World of Work: Contemporary Issues 15 credits
This course provides an in-depth exploration of the changed nature of work in contemporary society. It examines the broader context of change, contemporary forms and patterns of work and occupations and issues and perspectives on global and local labour markets.

176.323 The Transformation of the Pacific: Contemporary Issues 15 credits
An examination of social, political and economic forces which have transformed the social and economic organisation of Pacific societies since World War II. The course explores how these forces have defined contemporary regional issues, and the responses of Pacific governments and societies to them.

176.701 Current Issues and Theories 30 credits
An examination of key concepts, theories and debates in contemporary social theory.

176.702 Advanced Social Inquiry 30 credits
An advanced study of methodological issues pertinent to social research. The course is designed to assist the planning of postgraduate theses and reports.

176.711 Sociology of Underdevelopment 30 credits
Socio-economic conditions in developing countries. Theories of development and underdevelopment: origins, critique and ideological and strategic implications. Sociological aspects of social change, for example, class, ethnicity, gender, debt, globalisation and the environment. Examples emphasise South-East Asia.

176.715 Culture and New Zealand Society 30 credits
This is a research course on the sociology of the New Zealand arts, intended primarily for students who have already completed an undergraduate course on the subject. Their work will involve designing, researching and writing a course on a topic of their own choosing.

176.718 Environmental Sociology 30 credits
An exploration of the interrelations between society and the environment, with an examination of major contemporary environmental issues from a sociological point of view. Among the major issues covered are consumerism, population growth, resource limits, development, political conflicts, environmental groups and environmental values.

176.798 Research Report (60) 60 credits
176.799 Research Report (30) 30 credits
176.800 MPhil Thesis 120 credits
A supervised and guided independent study resulting in a published work.

176.801 MPhil Thesis 120 Credit Part 1 60 credits
A supervised and guided independent study resulting in a published work.

176.802 MPhil Thesis 120 Credit Part 2 60 credits
A supervised and guided independent study resulting in a published work.

176.816 Thesis 120 Credit Part 1 60 credits
A supervised and guided independent study resulting in a published work.

176.817 Thesis 120 Credit Part 2 60 credits
A supervised and guided independent study resulting in a published work.

176.873 Research Report Sociology (60) 60 credits
176.881 Thesis 90 Credit Part 1 45 credits
A supervised and guided independent study resulting in a published work.

176.882 Thesis 90 Credit Part 2 45 credits
A supervised and guided independent study resulting in a published work.

176.883 Thesis 90 90 credits
176.889 Thesis 120 credits
A supervised and guided independent study resulting in a published work.

176.900 PhD Sociology 120 credits
177 MIDWIFERY 120 credits
177.900 PhD Midwifery 120 credits

178 ECONOMICS 15 credits
178.100 Principles of Macroeconomics
Introduces the principles of macroeconomics. The course provides students with an understanding of economic activities at the level of industry, country, and internationally.

178.110 The New Zealand Economy
An introduction to the development and structure of the economy of New Zealand, with emphasis on actual issues and policies. International influences from a New Zealand perspective.

178.111 Quantitative Methods for Economics
This course provides a foundation for students to develop their quantitative and analytical skills in the context of the Economics discipline.

178.200 Intermediate Macroeconomics
An examination of macroeconomic theories and policies of a market economy in both the closed and open economy contexts.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>178.201</td>
<td>Intermediate Microeconomics</td>
<td>15</td>
</tr>
<tr>
<td>178.210</td>
<td>Economic Policy</td>
<td>15</td>
</tr>
<tr>
<td>178.221</td>
<td>Methods of Economic Analysis</td>
<td>15</td>
</tr>
<tr>
<td>178.240</td>
<td>Managerial Economics</td>
<td>15</td>
</tr>
<tr>
<td>178.242</td>
<td>Land Economics</td>
<td>15</td>
</tr>
<tr>
<td>178.250</td>
<td>Contemporary Economic Issues</td>
<td>15</td>
</tr>
<tr>
<td>178.280</td>
<td>Introduction to Econometrics</td>
<td>15</td>
</tr>
<tr>
<td>178.300</td>
<td>Advanced Macroeconomics</td>
<td>15</td>
</tr>
<tr>
<td>178.301</td>
<td>Advanced Microeconomics</td>
<td>15</td>
</tr>
<tr>
<td>178.307</td>
<td>Markets, Firms and Consumers</td>
<td>15</td>
</tr>
<tr>
<td>178.308</td>
<td>Economic Analysis of Money, Banking and Financial Markets</td>
<td>15</td>
</tr>
<tr>
<td>178.328</td>
<td>Project Evaluation</td>
<td>15</td>
</tr>
<tr>
<td>178.352</td>
<td>Survey of International Economics</td>
<td>15</td>
</tr>
<tr>
<td>178.358</td>
<td>International Trade in Agri-food Products</td>
<td>15</td>
</tr>
<tr>
<td>178.360</td>
<td>Natural Resource and Environmental Economics</td>
<td>15</td>
</tr>
<tr>
<td>178.370</td>
<td>Development Economics</td>
<td>15</td>
</tr>
<tr>
<td>178.380</td>
<td>Applied Econometrics</td>
<td>15</td>
</tr>
<tr>
<td>178.702</td>
<td>Macroeconomics</td>
<td>30</td>
</tr>
<tr>
<td>178.713</td>
<td>Microeconomics</td>
<td>30</td>
</tr>
<tr>
<td>178.718</td>
<td>Health Economics</td>
<td>30</td>
</tr>
<tr>
<td>178.719</td>
<td>Natural Resource and Environmental Economics</td>
<td>15</td>
</tr>
<tr>
<td>178.720</td>
<td>Applied Econometric Methods</td>
<td>15</td>
</tr>
<tr>
<td>178.721</td>
<td>International Monetary Economics</td>
<td>30</td>
</tr>
<tr>
<td>178.732</td>
<td>Advanced Econometrics</td>
<td>30</td>
</tr>
</tbody>
</table>

Intermediate level study of microeconomic analysis, including the development of theoretical models of consumer and producer optimisation. The perfectly competitive model is extended to incorporate differing market characteristics and associated consumer and producer behaviour.

Macroeconomic and microeconomic policies and problems of unemployment, inflation, balance of payments, growth, market distortions and public goods. Justification for government intervention and its effectiveness. Application of economic principles will be studied and social considerations will be incorporated into the New Zealand experience.


Economic principles applied to decision problems of managers in a business organisation. Analysis of costs, revenues and profits in relation to a firm’s objectives. Emphasis on pricing policy, investment decisions, advertising and promotion expenditure.

The treatment of land resource questions in economics, including changing theoretical approaches to land and the income from the land, factors influencing the behaviour of land markets, environmental economics and land use, specific models of land use patterns, the question of the efficient use of land resources, estimating changing land use requirements, taxation in relation to land markets, location decision.

A study of selected economic and socio-economic topics in a contemporary framework.

An introduction to the techniques of quantitative analysis in finance and economics. Applications of these techniques will cover a broad range of topics. Appropriate software packages will be utilised.

An examination of major macroeconomic theories and their policy implications using advanced analytical techniques.

Using advanced techniques, including mathematical analysis, models are developed to explain the behaviour of individual economic agents in competitive and other types of markets.

Microeconomic analysis will be applied to problems in consumer behaviour, business strategies and investment choice, resource allocation and regulation.

This course analyses the causes, characteristics and consequences of business cycles. A neo-classical framework is applied to situations commonly seen in small open economies such as New Zealand. The role and importance of financial markets is highlighted and used to prescribe optimal government policy in many frequently observed macroeconomic situations.

Theoretical and empirical aspects of economics (benefit-cost analysis) and financial project evaluation. Consumption/investment decisions; discounted cash-flow techniques; cost of capital financing; risk and uncertainty; and shadow pricing for economic policy. Emphasis is on practical applications, using microcomputers, to projects and investments in developed and developing countries.

This capstone course conducts application-rich and current economic studies of the real and financial transactions between nations and analyses practical problems in the changing world economy.

Agricultural trade today. Gains from trade and barriers to trade. Agri-food trade policies in the EU, USA and selected Asian countries. The WTO and agri-food trade liberalisation. Measuring the impacts of trade liberalisation on developed and developing economies. Macroeconomics of agri-food trade. Linkages between agriculture, trade and environment.

An introduction to the application of economic analysis to environmental and natural resource management issues and policies.

An examination of major development problems and issues, both domestic and international, from a combined economic theory, empirical and policy-oriented perspective.

Specification and estimation of econometric models for policy analysis and forecasting. Treatment of common problems encountered in economic and financial data analysis.

The course provides an advanced exposition and critical assessment of selected topics from macroeconomic theory and policy. The general focus will be on the issues of short and long term effects of macroeconomic policies on the economy. The relationship between theory and empirical research is also examined.

This course is a survey of developments in macroeconomic and microeconomic theory with extension into contemporary issues and practice.

This course is concerned with the monetary and macroeconomic relationships between countries. It deals with such issues as balance-of-payments problems and policies, the functioning of foreign exchange rate markets, the determination and causes of exchange-rate movements, the international monetary system, and derivative instruments including swaps, options and futures.

An examination of advanced microeconomic topics. The general focus will be on issues of industrial organisation and game theory.

Subject areas to be covered include microeconomics for healthcare, the economics of politics and bureaus, demand for healthcare, the supply and organisation of healthcare, hospital behaviour, moral hazard, cost-benefit analysis in health, private versus public provision of healthcare and contemporary policy issues.

Computer-based specification, estimation and validation of econometric models for policy analysis and forecasting. Linear and multiplicative regression models, logit models, hazard models, cohort analysis, and time series methods are applied through computer programming and statistical packages. Also offers an in-depth discussion of the treatment of common problems encountered in empirical data analysis.

This course introduces students to advanced methods used in econometrics and forecasting. Topics include time-series analysis; testing and model selection; simultaneous equations; nonstationarity; vector autoregressive models; causality and exogeneity; binary choice models and panel data analysis.
178.740 15 credits  
Global Food Markets and Trade  
An economic analysis of the global food markets with emphasis on international trade, agri-food policies, and on the industrial organisation of the contemporary food sector.

178.741 15 credits  
Research Methods in AgriCommerce  
An introduction to advanced methods used in agricommerce research. A selection of the basic research principles illustrated with examples from agricultural production and marketing, agribusiness management and consumer economics. This course has a practical orientation.

178.742 15 credits  
Environmental Economics for Non-Economists  
Economic analysis of policy management issues in the use of natural resources and the environment. Concepts and principles will be discussed and applied to issues such as fisheries, land, water and climate change.

178.755 30 credits  
Economic Growth, International and Development Economics  
A critical assessment of topics from economic growth, international economics and the nature and measurement of development. There is an emphasis on the empirical and policy implications of development strategies including the relationship between managing development, role of the State, international economy, globalisation, trade theory and policy, global crises, and macroeconomic policy.

178.771 15 credits  
Economics  
A study of macroeconomic and microeconomic theory in the context of a modern open economy.

178.775 30 credits  
The Economics of Knowledge and Innovation  
An introduction to the complex process of innovation and its many dimensions in advanced and emerging knowledge-based economies. The nature of knowledge, innovation and intellectual property, the microeconomics and macroeconomics of innovation, and policy at the firm and macro levels are examined in the context of a globalised world economy that faces major economic and environmental challenges.

178.781 15 credits  
Research Project Part 1  

178.782 15 credits  
Research Project Part 2  

178.799 30 credits  
Research Project  

178.894 60 credits  
Research Report  
Candidates are required to conduct a piece of independent research under supervision and to produce a report of the research for examination.

178.896 60 credits  
Professional Practice  
Candidates will undertake professional practice within the subject area in which the Master of Management is being completed. Professional Practice may be conducted either individually or in groups and assessment of the outcome of the investigation may be in a variety of ways including written and oral presentations and case studies.

178.897 60 credits  
Thesis 120 Credit Part 1  
A supervised and guided independent study resulting in a published work.

178.898 60 credits  
Thesis 120 Credit Part 2  
A supervised and guided independent study resulting in a published work.

178.899 120 credits  
Thesis  
A supervised and guided independent study resulting in a published work.

178.900 120 credits  
PhD Economics  
An advanced study of selected theoretical and empirical issues in professional practice with individuals, families, groups and communities.
179.440 Management in the Social Services 15 credits
An examination of current management theory and its impact on management, administrative systems and professional practice in social service agencies.

179.455 Field Education II 45 credits
An advanced, supervised, field education placement of a minimum of 480 hours (60 days) in a social service setting negotiated by a Massey University staff member who is fully registered with the Social Workers Registration Board. Each placement will be supervised by a registered social worker.

179.702 Advanced Research Methods 30 credits
An examination of research methods, traditions and techniques used in social and health research. The course is designed to assist the planning of Master and Doctoral theses.

179.711 Special Topic 30 credits

179.736 Substance Misuse and Addictions 30 credits
An advanced study of current treatment and intervention models in the substance misuse and addictions area.

179.740 Social Service Supervision: Theory and Practice 30 credits
An examination of the functions and practice and selected theories and models of professional social service supervision.

179.741 Social Service Management 30 credits
An examination of current management theory and its application to the management, administrative systems and professional practice in social service agencies.

179.742 Learning in Social Service Supervision 30 credits
An advanced study of learning in social service supervision including identity development in both the supervisor and the person supervised.

179.743 Clinical Supervision 30 credits
An advanced study of selected theoretical models and clinical supervision skills in professional practice.

179.761 Current Issues and Theories in Social Service Practice 30 credits
An examination of contemporary practice in the context of current trends in social service delivery. Selected fields of practice are analysed with a view to understanding the theoretical underpinnings of practice. Issues relevant to service delivery are identified, and alternative approaches to practice are explored.

179.763 Clinical Practice 30 credits
An examination of advanced contemporary approaches to practice that enable a response to clients' individual needs while concurrently taking into account the impact of relevant social contexts. The focus will be on one or two theoretical approaches in any one year.

179.771 Child Welfare 30 credits
An examination of current social work practice in the area of child welfare. While there is a particular emphasis placed upon child welfare services, programmes and practices in Aotearoa/New Zealand, students are also encouraged to examine international literature and practice.

179.773 Disability Studies 30 credits
An examination of the experience of disability, the delivery of disability support services, and the disability industry in Aotearoa/New Zealand. Major theoretical and current policy debates in the area of disability both here and overseas are examined.

179.777 Disability, Consumer Rights and Advocacy 30 credits
A critical examination of the disability rights movement from historical, social and political perspectives. Particular attention will be paid to models of service provision and to consumers as self advocates, parents as mediators and advocates for their children.

179.778 Mental Health and Social Work 30 credits
An advanced study of the field of mental health from a social work perspective. It considers conceptual and contextual issues, intervention strategies and current debates.

179.781 Social and Community Work Theory and Practice I 30 credits
An examination of the key components of social and community work practice utilising an integrated framework. Current theories and models for working with individuals, families and groups are discussed. Laboratories will prepare students for field work placements. Students will develop an approach to practice relevant to the Aotearoa/New Zealand context.

179.782 Social Policy Analysis 30 credits
An examination of the development of social policy in Aotearoa/New Zealand with special emphasis on the relationship between law and government, and debates about the use of theoretical perspectives and concepts in the study of social policy.

179.783 Maori Development and the Social Services 30 credits
Themes in contemporary Maori development (kaupapa Maori) with particular reference to the aspirations of Maori people. Emphasis will be placed on the implications of such themes for the social services as well as for the development of appropriate social policies.

179.784 Social and Community Work Theory and Practice II 30 credits
An advanced study of social and community work practice through an examination of the fundamental principles of social and community work and selected fields of practice. The course builds on previously completed studies and field work practice.

179.789 Field Work Practice I 30 credits
A supervised field education placement of a minimum of 480 hours (60 days) in a social service setting negotiated by a Massey University staff member who is fully registered with the Social Workers Registration Board. Each placement will be supervised by a registered social worker.

179.790 Field Work Practice II 30 credits
An advanced, supervised, field education placement of a minimum of 480 hours (60 days) in a social service setting negotiated by a Massey University staff member who is fully registered with the Social Workers Registration Board. Each placement will be supervised by a registered social worker.

179.792 Management in the Social Services 15 credits
A critical examination of current management and organisational theory and its impact on management, administrative systems and professional practice in social service agencies.

179.800 MPhil Thesis 120 credits
A supervised and guided independent study resulting in a published work.

179.801 MPhil Thesis 60 credits
A supervised and guided independent study resulting in a published work.

179.802 MPhil Thesis 120 Credit Part 1 60 credits
A supervised and guided independent study resulting in a published work.

179.816 Thesis 120 Credit Part 1 60 credits
A supervised and guided independent study resulting in a published work.

179.817 Thesis 120 Credit Part 2 60 credits
A supervised and guided independent study resulting in a published work.

179.891 Applied Research in Social Work 15 credits
An advanced examination of research methods, traditions and techniques used in social work and social policy to promote best practice.

179.895 Research Report (30) 30 credits
An applied study with topics selected from areas relevant to social work, social policy, and/or the social services. Selected topics must be approved...
by the course coordinator who will assist students in selecting, planning and managing their research.

179.896 45 credits
Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work.

179.897 45 credits
Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work.

179.898 90 credits
Thesis
A supervised and guided independent study resulting in a published work.

179.899 120 credits
Thesis
A supervised and guided independent study resulting in a published work.

179.900 120 credits
PhD Social Work

179.911 30 credits
Advanced Social Work and Social Development Theory
A critical analysis of the political, social, cultural, historical and philosophical perspectives underpinning social work and social development and a critical evaluation of the theories informing a chosen field of practice or speciality.

179.912 30 credits
Advanced Studies in International Social Work
A critical examination of International Social Work as it pertains to the nature of social work and social development, international issues, organisations and fields of practice or specialisms.

179.913 30 credits
Advanced Social Work Research and Evaluation
A critical examination of social work research and evaluation methods as they apply to the design, conduct and reporting of social work research and evaluation.

179.929 30 credits
Advanced Directed Study in Social Work
This course requires students to demonstrate an integration of local and international research, literature, theory and methodology through the production and defence of a research proposal and any necessary pilot work in preparation for undertaking the thesis.

179.930 120 credits
Thesis Doctor of Social Work
This course requires the student to undertake research and produce a doctoral thesis for examination.

180
GRADUATE SCHOOL OF EDUCATION

180.791 30 credits
Education Research Report
A research investigation and report which normally does not involve new empirical work with human participants.

187
SOCIAL AND POLICY STUDIES IN EDUCATION

187.080 15 credits
Study Skills
This course focuses on study skills including time management, note-taking, reading and research skills and exam preparation as well as learning processes appropriate for university studies.

188
NATURAL RESOURCE MANAGEMENT

188.263 15 credits
Environmental Science I
Integrated study of scientific and management issues associated with natural resource use and environmental quality (locally, nationally, globally). Physical, economic and institutional relationships. Options for assessing and managing natural resources and environmental quality at the landowner, regional and national level.

188.363 15 credits
Environmental Science II
Scientifically assessing and managing limited natural resources with a philosophy of long-term sustainable development. Atmospheric, terrestrial, aquatic and urban indicators of environmental quality. Integrated environmental impact assessments (cultural, demographic, economic, legal, social, technical) using farming, forestry, recreation, and horticulture as examples.

188.705 15 credits
Natural Resource Policy
This course examines the key issues and practice of natural resources policy. The roles and responsibilities of policy agencies in relation to current issues in natural resources policy research, development, implementation and monitoring are considered. Alternative policy approaches to achieving natural resource management outcomes are examined through selected case studies.

188.707 15 credits
Introduction to Advanced Environmental Management I
Introduction to theoretical and applied ecological economics and develop some understanding of ecosystem management as well as ecosystem service valuation. Analytical approaches and tools for environmental management, including atmospheric, terrestrial, aquatic and urban indicators of environmental quality; and integrated environmental impact assessments are studied.

188.708 15 credits
Introduction to Advanced Environmental Management II
Introduction to environmental issues that affect New Zealand, particularly at the present time. Topics include deforestation, soil erosion, pollution of air, land and water with industrial and agricultural pollutants, and conservation. Patterns and distribution of land use types, systems and methodologies for measuring, recording, organizing and managing information about land use, and soil management within land use are studied.

188.751 30 credits
Advanced Zero Waste for Sustainability
An in-depth exploration of the life cycle and environmental issues of solid material resources upon which all economic production depends. Zero Waste is examined as a resource management paradigm shift in philosophy, policy, technology and practices focused on sustainable development.

188.764 15 credits
Advanced Environmental Management I
The course is made up of three parts. It develops project and programme management skills, strengthens students’ knowledge of natural resources at an advanced level, and combines these two to produce integrative skills in Environmental Management.

188.765 15 credits
Advanced Environmental Management II
The course is made up of three parts. It develops project and programme management skills, strengthens students’ knowledge of natural resources at an advanced level, and combines these two to produce integrative skills in Environmental Management.

188.863 60 credits
Environmental Research and Data Analysis
Students will review the theoretical foundation and recent advances in selected environmental management themes in different countries; apply research methods and selected statistical techniques to analyse and evaluate environment management projects; write a self-directed research report.

188.885 45 credits
Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work.

188.896 45 credits
Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work.

188.888 90 credits
Thesis
A supervised and guided independent study resulting in a published work.

188.889 120 credits
Thesis
A supervised and guided independent study resulting in a published work.

188.897 60 credits
Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.
189.753 Advanced Soil and Land Evaluation

A selection of six modules from the courses 189.752 Advanced Soil Fertility, 189.753 Advanced Soil and Land Evaluation, 189.755 Soil and Water Pollution, 189.757 Advanced Soil Conservation, 189.759 Advanced Soil and Land Evaluation, and 238.751 Agricultural Greenhouse Gas Emission Science for students wanting a broad course in soils relevant to production agriculture and horticulture or to natural resource management.

189.758 Advanced Soil Conservation

Soil erosion processes and the influences of geology, geomorphology, hydrology, soil physical properties, soil fertility and land use on erosion. Soil conservation processes and the planning of conservation schemes.

189.759 Advanced Soil Water Management


189.761 Applied Remote Sensing

A study of remote sensing systems and the application of these technologies. Digital image processing and the integration of remotely-sensed data within a GIS.

189.789 Research Report

A supervised and guided independent study resulting in a published work.

189.871 Thesis 90 Credit Part 1

A supervised and guided independent study resulting in a published work.

189.872 Thesis 90 Credit Part 2

A supervised and guided independent study resulting in a published work.

189.875 Thesis

A supervised and guided independent study resulting in a published work.

189.887 Research Report

A supervised and guided independent study resulting in a published work.

189.895 Thesis 120 Credit Part 1

A supervised and guided independent study resulting in a published work.

189.896 Thesis 120 Credit Part 2

A supervised and guided independent study resulting in a published work.

189.899 Thesis

A supervised and guided independent study resulting in a published work.

189.900 PhD Soil Science

A supervised and guided independent study resulting in a published work.

190.104 Principles of Navigation I

An introduction to navigational principles, including the form of the Earth, direction on the Earth, aeronautical charts, operating avionics, payload and fuel planning and flight planning. This course includes a study of the operational requirements for visual flight, and the application of the flight navigating principles and procedures to aircraft operations. This is part 1 of a two part course

SOIL SCIENCE

189.006 15 credits

Soil Productivity

A study of the soil as a resource in farming systems. Modification of soil conditions by various agricultural practices such as fertiliser use, liming, drainage and irrigation. Maintenance of the soil through conservation practices and use of soil and land resource information.

189.151 15 credits

Soil Properties and Processes

An introduction to the soil as it influences plant growth; the soil as a physical environment for plant roots; soil organic matter. The regulation of soil nutrient availability by biological and chemical processes; soil acidity and pH; the soil resources of New Zealand. A practical course based on the above.

189.251 15 credits

Soil Fertility and Fertilisers


189.252 15 credits

Land, Soil and Water

Introduction to the main New Zealand soil groups including restored soils; soil attributes, limitations, appropriate land use and management including impact on the wider environment. Basic soil water properties. An introduction to drainage, irrigation, soil conservation, GIS and remote sensing, and their relevance to soil users and environmental management.

189.362 15 credits

Soil Fertility and the Environment

A course focusing on the application of knowledge of soil properties and processes to address the compromise required between maximising agricultural production and minimising adverse environmental effects. The course will include consideration of models used for estimating fertiliser requirements as well as consideration of alternative low-input systems and environmental impacts.

189.363 15 credits

Soil Resources and Sustainable Land Use

The attributes and limitations of soils for various sustainable land uses. Soil resource mapping systems and land use classification. Conservation and soil water management practices. The entry, storage and manipulation of land resource information using geographic information systems. This course is based on field trips and case studies.

189.365 15 credits

Studies in Soil Science

This course is structured on selected topics that demonstrate how a knowledge of soil science explains the impacts of land management practices on the soil resources. Emphasis is placed on aspects relating to soil chemical fertility.

189.752 30 credits

Advanced Soil Fertility


189.753 30 credits

Soil and Land Evaluation

Advanced theoretical and practical experience in land evaluation. Soil and land suitability, versatility and capability assessment of selected regions in conjunction with land-use problems. Practical experience in land resource inventory mapping using remotely-sensed images. Analyses of land resource inventory information using a geographic information system. Students may take modules of this course as a 15 credit Special Topic.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>190.107</td>
<td>15</td>
<td>Human Performance</td>
</tr>
<tr>
<td>190.109</td>
<td>15</td>
<td>Aviation Studies</td>
</tr>
<tr>
<td>190.110</td>
<td>30</td>
<td>Introduction to Flying</td>
</tr>
<tr>
<td>190.111</td>
<td>15</td>
<td>Introduction to Flying I</td>
</tr>
<tr>
<td>190.112</td>
<td>15</td>
<td>Introduction to Flying II</td>
</tr>
<tr>
<td>190.115</td>
<td>15</td>
<td>Introduction to Aeronautics</td>
</tr>
<tr>
<td>190.116</td>
<td>15</td>
<td>Introduction to Management in Aviation</td>
</tr>
<tr>
<td>190.117</td>
<td>15</td>
<td>Introduction to Human Factors</td>
</tr>
<tr>
<td>190.118</td>
<td>15</td>
<td>Aeroscience I</td>
</tr>
<tr>
<td>190.119</td>
<td>15</td>
<td>Aeroscience II</td>
</tr>
<tr>
<td>190.120</td>
<td>15</td>
<td>Aeronautical Legislation</td>
</tr>
<tr>
<td>190.121</td>
<td>15</td>
<td>Aeronautical Meteorology</td>
</tr>
<tr>
<td>190.122</td>
<td>15</td>
<td>Introduction to Aviation Safety Systems and Investigation</td>
</tr>
<tr>
<td>190.123</td>
<td>15</td>
<td>Aircraft Systems I</td>
</tr>
<tr>
<td>190.124</td>
<td>15</td>
<td>Aircraft Performance</td>
</tr>
<tr>
<td>190.125</td>
<td>15</td>
<td>Principles of Navigation II</td>
</tr>
<tr>
<td>190.126</td>
<td>15</td>
<td>Aeronautical Science (AME)</td>
</tr>
<tr>
<td>190.127</td>
<td>15</td>
<td>Basic Gas Turbine Operations</td>
</tr>
<tr>
<td>190.128</td>
<td>15</td>
<td>Aircraft Systems II (Part I)</td>
</tr>
<tr>
<td>190.129</td>
<td>15</td>
<td>Air Traffic Control/Aviation Law</td>
</tr>
<tr>
<td>190.130</td>
<td>15</td>
<td>Flight Planning and Advanced Navigation (Part I)</td>
</tr>
<tr>
<td>190.131</td>
<td>15</td>
<td>Crew Resource Management</td>
</tr>
<tr>
<td>190.132</td>
<td>15</td>
<td>Aerodynamics I</td>
</tr>
<tr>
<td>190.133</td>
<td>15</td>
<td>Aviation Psychology</td>
</tr>
<tr>
<td>190.134</td>
<td>15</td>
<td>Aviation Safety Management</td>
</tr>
<tr>
<td>190.135</td>
<td>15</td>
<td>Aviation Strategic Management</td>
</tr>
<tr>
<td>190.136</td>
<td>15</td>
<td>Heavy Aeroplane Performance</td>
</tr>
<tr>
<td>Course Code</td>
<td>Credits</td>
<td>Course Name</td>
</tr>
<tr>
<td>-------------</td>
<td>---------</td>
<td>-------------</td>
</tr>
<tr>
<td>190.216</td>
<td>15</td>
<td>Aviation Human Factors</td>
</tr>
<tr>
<td>190.217</td>
<td>15</td>
<td>Instruction and Learning in Aviation</td>
</tr>
<tr>
<td>190.220</td>
<td>15</td>
<td>Managing Airline Systems</td>
</tr>
<tr>
<td>190.221</td>
<td>15</td>
<td>Advanced Support Studies</td>
</tr>
<tr>
<td>190.222</td>
<td>15</td>
<td>Basic Air Safety Investigation</td>
</tr>
<tr>
<td>190.223</td>
<td>15</td>
<td>Environmental Impacts of Aviation</td>
</tr>
<tr>
<td>190.225</td>
<td>15</td>
<td>Introduction to Research Methods in Aviation</td>
</tr>
<tr>
<td>190.237</td>
<td>15</td>
<td>Air Transport Cockpit Systems</td>
</tr>
<tr>
<td>190.240</td>
<td>15</td>
<td>Power</td>
</tr>
<tr>
<td>190.249</td>
<td>30</td>
<td>Aircraft Maintenance Management</td>
</tr>
<tr>
<td>190.251</td>
<td>15</td>
<td>Aircraft Systems II (Part 2)</td>
</tr>
<tr>
<td>190.254</td>
<td>15</td>
<td>Flight Planning and Advanced Navigation (Part 2)</td>
</tr>
<tr>
<td>190.256</td>
<td>15</td>
<td>Aerodynamics II</td>
</tr>
<tr>
<td>190.283</td>
<td>15</td>
<td>Aviation Law</td>
</tr>
<tr>
<td>190.311</td>
<td>15</td>
<td>General principles of law as applied in the context of the airline transport industry. The approach is both multidisciplinary in focus and international in scope. Attention will be focused on the Asia-Pacific region, as the potential location of the world’s largest aviation market.</td>
</tr>
<tr>
<td>190.320</td>
<td>15</td>
<td>Design of Airways and Air Traffic Systems</td>
</tr>
<tr>
<td>190.321</td>
<td>15</td>
<td>Advanced Aviation Human Factors</td>
</tr>
<tr>
<td>190.322</td>
<td>15</td>
<td>Legal Issues in Aviation</td>
</tr>
<tr>
<td>190.323</td>
<td>15</td>
<td>Basic Air Safety Investigation</td>
</tr>
<tr>
<td>190.324</td>
<td>15</td>
<td>Environmental Impacts of Aviation</td>
</tr>
<tr>
<td>190.325</td>
<td>15</td>
<td>Introduction to Research Methods in Aviation</td>
</tr>
<tr>
<td>190.326</td>
<td>15</td>
<td>Air Transport Cockpit Systems</td>
</tr>
<tr>
<td>190.327</td>
<td>15</td>
<td>Power</td>
</tr>
<tr>
<td>190.328</td>
<td>30</td>
<td>Aircraft Maintenance Management</td>
</tr>
<tr>
<td>190.329</td>
<td>15</td>
<td>Aircraft Systems II (Part 2)</td>
</tr>
<tr>
<td>190.330</td>
<td>15</td>
<td>Flight Planning and Advanced Navigation (Part 2)</td>
</tr>
<tr>
<td>190.331</td>
<td>15</td>
<td>Aerodynamics II</td>
</tr>
<tr>
<td>190.332</td>
<td>15</td>
<td>Aviation Law</td>
</tr>
</tbody>
</table>

**COURSE DETAILS**

**Civil Aviation Authority Air Transport Pilot Licence (ATPL) qualification and introduces the student to international aviation systems, including the International Civil Aviation Organisation (ICAO). A special emphasis is placed on the responsibilities and accountabilities of aviation personnel and management systems under the CAA Rules regime.**

**Advanced Aircraft Handling**

This course covers the theory and practice of aircraft operations to an advanced level. The course’s emphasis is on the development of non-technical skills applicable to a pilot working in a multi-crew environment. The student will be introduced to safety management systems (SMS) and optimal decision making under normal, abnormal, and emergency phases of flight. The course bridges the gap between traditional General Aviation Operations and Air Transport Operations.

**Aerobic Aircraft Handling for Flight Instructors**

This course covers the theory and aircraft handling for basic and advanced aerobatic manoeuvres. Designed to provide flight instructors with advanced aircraft handling techniques, it covers aerobatics, advanced stalling and spinning. Special emphasis is placed on the recognition of and recovery from abnormal attitudes in both visual and instrument flight. The practicum element of the course will involve up to five hours of aerobic flight.

**Turbo-Prop and Jet Handling**

The theoretical and practical requirements for the safe ground and flight operation of gas-turbine powered aircraft will be examined.

**Air Special Topic**

This course is designed for experienced pilots wishing to develop their knowledge in airline check and training concepts.

**Airline Strategic Management**

A review of the current state of strategic management in the airline industry. The approach is both multidisciplinary in focus and international in scope. Attention will be focused on the Asia-Pacific region, as the potential location of the world’s largest aviation market.

**Airport Planning**

A study of demographic, environmental and economic considerations which apply to the design and evaluation of airport facilities.

**Airport Operational Management**

An examination of the management of airport systems, such as air-side and land-side facilities, technical and support services which contribute to the operational effectiveness of modern airports. The course will further examine the relationship between airport authorities and the local community.

**Design of Airways and Air Traffic Systems**

An examination of air traffic and air navigational systems and the principles which apply to their operational infrastructure, including the development of visual and instrument flight procedures.

**Advanced Aviation Human Factors**

This course explores the role of human behaviour and physiological limitations in aviation, how they fit with complex systems, and how behaviour and systems may be modified to improve safety.

**Legal Issues in Aviation**

General principles of law as applied in the context of the airline transport industry. The course will focus on the application of law to flight crew, airline operations and civil aviation authorities in terms of both international conventions and treaties and of national legislation and law. Issues such as contractual and tortious liability will be considered.
### Flight Instruction Fundamentals I
This course covers principles and techniques for theory, simulator and flight instruction for primary visual flight and day operations, including a review of aircraft performance management requirements. The course will incorporate the theoretical issues which underpin aviation science and aircraft systems.

**190.315** 15 credits

### Flight Instruction Fundamentals II
This course will include principles and techniques for theory, simulator and flight instruction for navigation, primary visual night and instrument operations, including a review of aircraft performance management. Students will be given experience in advanced navigational technologies such as Global Positioning Systems (GPS), etc.

**190.316** 15 credits

### Evaluation Methods in Aviation
The identification, development and analysis of tests and measures in aviation aptitude, achievement and licensing evaluation.

**190.317** 15 credits

### Air Transport Economics
This course covers economic aspects of air transport and airline operations and provides insights into the methods employed to manage and evaluate the economic viability of these operations.

**190.318** 15 credits

### Heavy Aeroplane Performance II
An analysis of operational performance considerations in normal, abnormal and emergency situations including the management of aircraft performance in extreme environmental conditions. The course will focus on operations in an airline environment.

**190.320** 15 credits

### Air Accident and Incident Investigation
The processes and procedures for the conduct of air accident and incident investigations are examined. Investigative techniques as they may apply to aircraft structures, power-plants, maintenance and factors in the operational environment are covered with attention also given to the human performance aspect of investigations. Issues of determining probable cause and methods of effecting safety recommendations are explored.

**190.321** 15 credits

### Managing Cultures in Aviation
A critical evaluation of theory and practice of management of cultures in aviation, incorporating: (a) an exploration of theoretical and practical aspects of cultural diversity and its effect on aviation industry in the global business environment; and (b) an assessment and management of international, national, and organisational cultural dimensions and their shaping influence in various aspects of aviation operation.

**190.327** 15 credits

### Flight Instruction Fundamentals I
Provides a practical experience in an aviation organisation, linking theory to practice.

**190.335** 30 credits

### Flight Instruction
This integrated course includes the principles and techniques for theory, simulator and flight instruction. The course covers all aspects of aircraft systems and performance as they relate to instructional requirements. The practicum component of the course includes ground briefing and aircraft flight time to achieve the competencies required to become a flight instructor. BAv - ATP.

**190.340** 15 credits

### Contemporary Issues in Aviation Security
This course explores aviation security with a particular emphasis on terrorism. Students explore key incidents, areas at risk, and the legislation and practical means by which risks are managed. The trade off between an erosion of civil liberties and increased security will be explored, as will the reasons why risks will always remain.

**190.398** 15 credits

### Special Topic

**190.399** 15 credits

### Aviation Special Topic

**190.701** 30 credits

### Human Factors for Professional Aviation
An in-depth study of the latest developments in human factors policies and regulations made by the International Civil Aviation Organization (ICAO), with the aim of enhancing the safety, security and reliability of all areas of air transport. Contemporary research and research applications associated with the human factor aspects of aviation complements above study.

**190.703** 30 credits

### Management in Aviation Systems
A study of the roles, relationships and functions of senior management systems within the aviation industry. The course will examine the obligations and responsibilities of aviation corporations and their executives (moral, ethical and legal) to staff, clients, shareholders, the aviation community and the wider community.

**190.704** 30 credits

### Research Methods in Aviation
To introduce students to the research design principles of qualitative and quantitative research methodologies, data collection procedures, analysis of data and interpretation of results, and writing the research report.

**190.720** 30 credits

### Aviation Strategic Management
The application of economic, political regulatory and management knowledge to the planning and development of airline and aviation organisation product outcomes.

**190.721** 30 credits

### Design and Management of Airports
The course will examine the strategic, economic and administrative contexts within which modern airports operate. It will also seek to explore the primary issues that are shaping the development of airports in the current, medium and long terms.

**190.790** 30 credits

### Special Topic

**190.791** 30 credits

### Special Topic

**190.795** 30 credits

### Research Project

**190.890** 45 credits

### Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work.

**190.891** 45 credits

### Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work.

**190.892** 60 credits

### Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

**190.893** 60 credits

### Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

**190.894** 60 credits

### Professional Practice in Aviation
Candidates will undertake professional practice within the Aviation subject area. Professional Practice may be conducted either individually or in groups and assessment of the outcome of the investigation may be in a variety of ways including written and oral presentations and case studies.

**190.895** 60 credits

### Research Report
Candidates are required to conduct a piece of independent research under supervision and to produce a report of the research for examination.

**190.898** 90 credits

### Thesis
A supervised and guided independent study resulting in a published work.

**190.899** 120 credits

### Thesis
A supervised and guided independent study resulting in a published work.

**190.900** 120 credits

### PhD Aviation
### ENGLISH LANGUAGE STUDIES

#### 192.002 0 credits
**General English/English for Academic Purposes**
A course of study in English language at different levels for students from non-English-speaking backgrounds. This course is offered through the English Language Centre. It is a full-time non-credit course.

#### 192.010 0 credits
**English Language Study**
An intensive tailor-made course of study in English language for specific groups of international students that incorporates classroom based learning and field work or visits.

#### 192.011 15 credits
**Foundation Communications**
An introduction to the skills necessary for successful communication both individually and in groups, and across a variety of contexts.

#### 192.020 18 credits
**Academic Reading and Writing 1**
This course will assist students to read academic texts using appropriate strategies for the purpose of locating either main ideas or specific information. Students will be introduced to basic expository genres and high frequency vocabulary for the purpose of academic writing.

#### 192.021 18 credits
**Language Skills for Academic Study 1**
This course will assist students in developing a variety of language and academic skills needed for tertiary study in an English language environment.

#### 192.022 18 credits
**Academic Reading and Writing II**
This course will assist students to read both extended or multiple texts, evaluating their sources and identifying points of view. Writing will focus on outlining, paraphrasing, summarizing and producing expository essays.

#### 192.023 18 credits
**Language Skills for Academic Study II**
This course extends the basic academic skills needed for tertiary study in an English language environment. It focuses on developing further competency in the use of academic vocabulary, formal presentations, researching assignments, and writing basic interpretations of charts and graphs.

#### 192.030 18 credits
**Advanced Academic Reading and Writing I**
This course advances academic reading and writing skills including comprehension of research materials, knowledge of the structure of extended texts, and understanding of the functions of subsections in research articles. Writing tasks will include paraphrasing, summarizing, and producing a subsection of a research course.

#### 192.031 18 credits
**Advanced Academic Language Skills and Conventions I**
This course develops comprehension and usage of academic vocabulary and appropriate grammatical forms, use of appropriate register in spoken contexts, comprehension of (and participation in) lectures, tutorial discussions and other academic related discourse, and use of higher level tables, charts and graphs.

#### 192.032 18 credits
**Advanced Academic Reading and Writing II**
This course focuses on expressing and comprehending complex ideas and relationships in both written and spoken forms. It culminates in giving a presentation on a suitable academic topic (e.g. a report or a research course/proposal).

#### 192.033 18 credits
**Advanced Academic Language Skills and Conventions II**
This course develops a variety of skills and strategies for use in presenting academic work. This includes advanced academic vocabulary, grammatical structures, note-taking, organization and evaluation of information, participation in tutorials and seminars, and use of software in support of presentations.

#### 192.040 15 credits
**Academic Language and Writing 1**
An introduction to expository genres and high frequency vocabulary and grammatical structures for academic writing.

#### 192.041 15 credits
**Academic Language and Writing 2**
An extension of Academic Language and Writing 1, focusing on further developing academic literacies and research skills for the production of written and oral assignments.

#### 192.042 15 credits
**Study Skills and Strategies**
An introduction to the study skills and strategies necessary to be successful in the undergraduate tertiary environment.

#### 192.043 15 credits
**Critical Academic Skills**
An introduction to critical thinking, reading, writing and numeracy skills essential for undergraduate studies.

#### 192.062 18 credits
**Elementary Listening and Speaking**
Enables learners to listen to and speak about simple biographical, narrative and descriptive information.

#### 192.063 18 credits
**Elementary Reading and Writing**
Enables learners to read and write simple biographical, narrative and descriptive texts.

#### 192.064 18 credits
**Skills and Strategies for Elementary Listening and Speaking**
Enables learners to develop skills and strategies to listen to and speak about familiar ideas and information needed in social situations.

#### 192.065 18 credits
**Skills and Strategies for Elementary Reading and Writing**
Enables learners to develop skills and strategies to read and write simple texts expressing familiar ideas and information needed in social situations.

#### 192.070 18 credits
**Pre-Intermediate Listening and Speaking**
Develops skills in listening to and speaking about biographical, narrative and descriptive texts.

#### 192.072 18 credits
**Pre-Intermediate Reading and Writing**
Develops skills in reading and writing biographical, narrative and descriptive texts.

#### 192.073 18 credits
**Skills and Strategies for Pre-Intermediate Reading and Writing**
Develops skills and strategies in reading and writing about familiar ideas and personal information.

#### 192.074 18 credits
**Skills and Strategies for Pre-Intermediate Listening and Speaking**
Develops skills and strategies in listening to and speaking about familiar ideas and personal information.

#### 192.075 18 credits
**Intermediate Reading and Writing**
Further develops reading and writing skills to understand and produce a range of non-personal texts.

#### 192.076 18 credits
**Intermediate Listening and Speaking**
Further develops listening and speaking skills to understand and communicate a range of less familiar topics.

#### 192.077 18 credits
**Skills and Strategies for Intermediate Reading and Writing**
Further develops reading and writing skills and strategies for understanding and communicating non-personal information.

#### 192.078 18 credits
**Skills and Strategies for Intermediate Listening and Speaking**
Further develops listening and speaking skills and strategies for understanding and communicating non-personal information.

#### 192.080 18 credits
**Upper Intermediate Reading and Writing**
Extends the ability to read and write a range of narrative and academic text types.

#### 192.082 18 credits
**Upper Intermediate Listening and Speaking**
Extends the ability to listen to and express ideas and opinions.
of animal care and medical records, evidence and the disciplinary process, negligence and professional conduct. An introduction to immunology.

193.124
Comparative Anatomy for Veterinary Technologists
An introduction to fundamental anatomical terminology and topography of common domesticated animals. Overview of the following body systems; musculoskeletal, nervous, sensory, cardio-respiratory, lymphatic, genitourinary, endocrine and integumentary. The specialised anatomy of equine distal limb and head. An overview of avian anatomy.

193.204
Pathology for Veterinary Technologists
An introduction to pathology, including the relationship of altered body states to laboratory diagnosis. Use of diagnostic procedures for clinical disease in veterinary practice. Specimen collection and handling, quality control, and post-mortem techniques.

193.205
Anaesthetic Monitoring and Equipment.

193.211
Infectious Diseases of Animals
An introduction to the major groups of organisms that infect animals and the diseases that they cause; treatment and control of disease-causing agents; and diseases of animals that can affect human health.

193.212
Veterinary Medical Nursing
Diseases, disease presentation and treatment in companion animals, horses, production animals, birds and small mammals. Advanced nursing care and patient monitoring. Topics include infectious diseases, reproduction, obstetrics, paediatric and geriatric care, clinical nutrition.

193.214
Pharmacology & Toxicology for Veterinary Technologists

193.219
Surgery and Imaging
Pre-operative assessment, surgical procedures and post-operative care, wound healing and infection, dressings, bandages, splints and casts, dental care and treatment, care and function of specialised surgical equipment, design features of an efficient surgical unit, theatre etiquette, safety practices, principles of veterinary radiography and positioning of animals for radiography. Common procedures in all domestic animals, radiation safety, ultrasonography (MRI, CAT scans) and equipment maintenance procedures.

193.220
Veterinary Technology Clinical Experience
Clinical experience of at least 420 hours within the Massey University Veterinary Teaching Hospital and at least 120 hours of work experience in an area related to the students chosen track. Demonstration of satisfactory completion of work experience and generic skill use such as observational, technical, fact-finding and analytical skills is required.

193.301
Veterinary Biostatistics and Epidemiology for Veterinary Technologists
Statistical principles and methodology, and their application to veterinary science. Emphasis on interpretation of results using computer packages. Principles of applied veterinary epidemiology including patterns of disease, investigation of disease in animal populations, interpretation of diagnostic tests, observational studies and critical appraisal of the literature.

193.303
Advanced Clinical Studies
In the context of veterinary technology, the course will develop a student’s knowledge on the Aetiology and Pathogenesis of common diseases. Its coverage includes Clinical and Gross Pathology; Diagnostic Imaging; Advanced Anaesthesia including drugs, monitoring and physiological responses; Intensive Care including pain management, blood transfusions; Medical and Surgical procedures; Pharmacology.

VETERINARY NURSING

193.103
Animal Behaviour, Handling and Welfare
The animal industries and the principles of ethology and animal welfare and their application to domestication, husbandry and production of farm, companion and sport animals and veterinary science. The principles and practice of safe animal handling and restraint. The diagnosis, treatment and prevention of animal behaviour problems.

193.105
Veterinary Technology Practical Experience and Farm Training
In this course, students will undertake a week-long farm practice, as well as clinical experience of at least 80 hours within a veterinary clinic. Students will develop practical skills for working with livestock, knowledge of farm safety practices, an understanding of farm-level agricultural economics, as well as obtain generic observational, technical, fact-finding, analytical, and animal handling skills.

193.122
Principles and Practice of Veterinary Nursing
Theoretical and practical skills in veterinary nursing including breed identification and basic animal care, clinical examination of canine, feline, equine and bovine animals, clinical procedures, legal issues
Physiology

**Animal Welfare Emergency Management**

**Advanced Animal Behaviour**
Advanced study of animal behaviour problems and methodologies of management. Integrated studies in the fundamentals of animal behaviour exploring learning theory, pathophysiology, pharmacology and animal management to enhance understanding of animal behaviour problems, identification and management of behaviour problems in domestic and captive animals.

**Integrative Studies for Veterinary Technologists**
This course provides tuition, demonstration and clinical experience and application in surgery, anaesthesia, medicine and imaging of animals; health and management of production animals. Students will perform nursing care, clinical and pathology procedures and develop nursing and treatment plans for patients. They will have opportunity to concentrate on a selected (small animal, production animal, equine, business) area of veterinary technology. Students will complete a research proposal, case studies and grand rounds. They are required to participate in compulsory elements including external and internal placements.

**PHYSIOLOGY**

**194.101 Essentials of Mammalian Biology**
An introduction to the biology of mammals, including humans, showing the relationship between structure and function of tissues and organs and outlining the physiological processes involved in adapting to their environment.

**194.241 Physiological Control Systems**
The principles of control systems involving nerves and hormones are examined. Control at the cellular, tissue, organ system and whole-body levels is explained with reference to the basis of cell excitability, basic functions of the nervous system, muscle contraction, actions of hormones, the immune system and the renal system. Close relationships between structure and function are considered.

**194.242 Physiology of Mammalian Organ Systems**
Mammalian, including human, physiology is emphasised. The particular roles the different organ systems have in maintaining life and health, and close relationships between structure and function are examined. Topics include the functions of the heart and blood vessels, breathing, reproduction and the digestive system.

**194.243 Physiological Strategies for Survival**
Survival of individual animals, and species of animals, depends on effective physiological mechanisms that allow animals to live in different environments and to respond to changes in their environment, whether benign or extreme. These mechanisms are examined in relation to environmental factors that may include photoperiod, temperature, altitude, and latitude, and in relation to life in the air and underwater.

**194.245 Animal Form and Function**
An overview of the strategies used by animals to persist in diverse habitats, from deserts to the poles. The course focuses on physiological and morphological strategies; in keeping with the integrative nature of the topic these will be related to behavioural and life history adaptations. Examples span diverse taxonomic groups from invertebrates to vertebrates, including humans.

**194.342 Cell Physiology**
A course examining the physiology of selected organ systems at the cellular and molecular level. There will be an emphasis on the physiological processes involved in differentiation, development and disease. A strong emphasis is placed on the laboratory course where contemporary physiological and laboratory techniques will be used with the aim of preparing students for postgraduate physiology research or as a primer for techniques used in physiology labs.

**194.343 Applied Physiology and Animal Welfare**
The use of physiological methods, experimental design, quantification, diagnosis and value judgments to promote good welfare and health in livestock, wildlife and people is explored using specific examples. Whole-body perspectives on health, stress, pain, difficulties at birth, diarrhoea and respiratory disorders are provided. Consciousness, unconsciousness, brain death and the humane destruction of animals are considered.

**194.344 Nerves and the Nervous System**
The functions of the nervous system of mammals, including humans, are explored using examples of normal and, in some cases, abnormal neural activity. Topics covered may include neuronal physiology, neuroscience methods, general sensory systems, developmental neurobiology and the integrating functions of the brain.

**194.345 Comparative Physiology**
The physiological mechanisms that enable animals ranging from fish to mammals to live in changing environments. Topics will include adrenal gland hormones and stress, seasonal breeding and photoperiodism, the movement of animals between different environments, and migration.

**194.346 Control of Metabolism**
How the body attempts to maintain adequate nutrient and metabolic substrate levels in response to fluctuating energy demands in health and disease. Topics covered will include fluid and electrolyte balance, blood flow through vital tissues, signalling within the gut, nutrient absorption and utilisation and reflexes regulating metabolic activities.
**ECOLOGY**

196.217 15 credits

**Evolutionary Biology**

An insight into evolution: Evolution by natural selection; theories on the origin of life; the geological, biological, phylogenetic and rational evidence for evolution by common descent; the origins of genetic variation; micro-evolutionary process and pattern; the genetic theory of adaptation; phenotypic variation and the evolution of life histories; macro-evolutionary process and pattern; the evolution of cooperation and conflict; the origin of sex, language and society.

**MARINE ECOLOGY**

196.225 15 credits

**Introductory Marine Biology**

An introduction to Marine Biology - the scientific study of life in the sea. First principles of marine biology from history of Marine Biology to use of the sea as a fundamental resource. Studying the ocean as a habitat and examining the form and function of marine taxa within marine biomes, students will discover how the biology, behaviour and ecology of organisms differ between contrasting marine environments.

---

**ECOLOGY**

196.313 15 credits

**Limnology**

A general introduction to the study of freshwater ecosystems, including the physical and chemical cycles which occur in streams and lakes and their effects on the biota. Composition and population dynamics of the biota. The effects of pollution on freshwater systems and their restoration. The study and management of freshwater fisheries.

196.315 15 credits

**Applied Ecology and Resource Management**

The principles and practice of management of land and pests and of conservation; the utilisation and sustainable development of natural resources by the application of ecological principles. Considerable emphasis is placed on the practical course which includes modelling using a computer. There are compulsory field days.

196.316 15 credits

**New Zealand Plant Ecology**

Global issues in concept-based plant ecology taught from a New Zealand perspective. Topics include plant growth dynamics, community assembly rules, plant successional concepts and models, herbivory impacts, life history strategies, invasion ecology and plant reproduction. Practical work includes compulsory field days.

196.317 15 credits

**Community and Ecosystem Ecology**

A theoretical perspective to the study of community and ecosystem ecology examining the role of interactions between two or more species and their environment. Topics covered include techniques of community description, abiotic and biotic controls of community structure, the effects of disturbance, food web theory, ecosystem function and biodiversity. The emphasis will be on understanding the models and theories relating to this area of science, although examples of the application of these principles will also be given. Practical classes will involve a small research project emphasising the statistical and writing skills important in community and ecosystem ecology.

196.318 15 credits

**Molecular Ecology**

The diverse array of DNA and protein-based technologies used in the study of natural populations will be considered. These include isozymes, multilocus minisatellites, Restriction Fragment Length Polymorphisms (RFLPs), mitochondrial DNA sequencing, microsatellite DNA markers and single nucleotide polymorphism. Important ecological problems such as kinship, sex assignment, parentage, diet and aspects of conservation genetics such as consequences of population bottlenecks are addressed.

196.326 15 credits

**Topics in Marine Ecology**

An in-depth view of topics in the ecology of marine organisms and their habitats. Students will study one or more topics to provide an advanced education in central issues in marine ecological sciences.

**MARINE ECOLOGY**

196.327 15 credits

**Marine Mammalogy**

This course examines the zoogeography of marine mammals and the morphological, physiological and behavioural adaptations which have enabled this diverse group to successfully colonise all of the world’s oceans and some
freshwater systems. An understanding of the underlying ecological principles not only provides interesting insights into marine mammal biology but also yields consequences for marine mammal conservation and management.

196.350 Quantitative Marine Ecology 15 credits
Modern ecology requires quantitative tools to test hypotheses, develop models and make predictions for ecological phenomena in the natural world. This course covers some of the most important advanced statistical modelling tools and software for ecological applications. Topics may include: quantifying biodiversity and modelling species populations, behaviour, interactions or communities with frequentist or Bayesian methods in R and/or WinBUGS software.

ECOLOGY
196.712 Aquatic Ecology 30 credits
This course presents an historical and theoretical perspective to the study of freshwaters, building on the general introduction in 196.313. Topics covered include stream ecosystem structure and function, aquatic macrophytes, plankton, freshwater fish, disturbance and land use impacts, and the implications of the Resource Management Act to aquatic ecology.

196.713 Ecology 30 credits
This course explores contemporary issues in ecology, emphasising a functional outlook on the role of species in communities. It will focus on biodiversity and the interactions of organisms as stimuli for biodiversity. Topics include diversity and ecosystem function, patterns of species diversity, keystone species, herbivory, community structure, assembly roles and food web studies.

196.726 Plant Ecology 30 credits
Theoretical topics in plant ecology and ecophysiology, such as forest dynamics, population structures, reproductive strategies, spatial pattern, pollination biology, and ontogenetic effects, investigated through a coordinated course of practical work and literature investigations.

196.798 Research Report 30 credits

196.870 Research Report 60 credits

196.871 Thesis 90 Credit Part 1 45 credits
A supervised and guided independent study resulting in a published work.

196.872 Thesis 90 Credit Part 2 45 credits
A supervised and guided independent study resulting in a published work.

196.875 Thesis 90 credits
A supervised and guided independent study resulting in a published work.

196.897 Thesis 120 Credit Part 1 60 credits
A supervised and guided independent study resulting in a published work.

196.898 Thesis 120 Credit Part 2 60 credits
A supervised and guided independent study resulting in a published work.

196.899 Thesis 120 credits
A supervised and guided independent study resulting in a published work.

196.900 PhD Ecology 120 credits

ART AND DESIGN STUDIES
197.119 Coding for Creative Practice 15 credits
In this studio course students will be introduced to the fundamentals of computer programming as an art and design tool. Students will acquire basic knowledge and fundamental techniques for the creative uses of coding across a range of art and design contexts.

197.122 Digital Fabrication 15 credits
In this studio course students will be introduced to open source and consumer software as a means to produce objects with digital fabrication tools. Through an iterative making process, students will develop an understanding of design considerations, workflows and new methods of creating using contemporary digital technologies.

197.123 Visual Identity Systems 15 credits
Develop a visual expression for an organisation or event that can be adapted across a range of mediums. Acquire techniques, skills and processes of synthesis, reduction and abstraction.

197.191 Art and Design: Special Topic I 15 credits
This course focuses on a specific aspect of art and design. Offerings change from year to year and may not be offered in a particular year.

197.211 Rapid Ideation 15 credits
In this studio course students will explore techniques and develop methods of rapid conceptual development in response to a range of design challenges. Students will work collaboratively using a variety of creative processes to facilitate and generate original solutions.

197.228 Contemporary Design Project A 15 credits
Engagement with new thinking in contemporary design research through a specific lecturer-led project.

197.238 Interaction and Interface I 15 credits
In this studio course students will focus on issues and design considerations particular to the interface between technology and people. Principles of usability and interaction will be applied to a range of situations including hand-held, web located, environmental and spatial.

197.270 Creative Ecologies I 15 credits
In this studio course students will focus on the issues raised by human influence on ecology, culture and economy. Students will be exposed to the history and contexts of sustainability and explore a range of creative responses to future scenarios.

197.285 Projections: Trends and Forecasting 15 credits
In this studio course students will explore practices and design methods of analysis for trend forecasting and propose an informed critical position to present visual material including styling for media presentation.

197.288 Creative Industries 15 credits
In this course students will be introduced to creative practices across a broad range of industries. Students will develop knowledge and understanding of precedents and possibilities for creative business leadership.

197.291 Art and Design: Special Topic II 15 credits
This course focuses on a specific aspect of art and design. Offerings change from year to year and may not be offered in a particular year.

197.331 Contemporary Design Project B 15 credits
Engagement with new thinking in contemporary design research through a specific lecturer-led project.

197.332 Contemporary Design Project C 15 credits
Engagement with new thinking in contemporary design research through a specific lecturer-led project.

197.338 Interaction and Interface II 15 credits
In this studio course students will expand their knowledge and proficiency with specific aspects of human-technology interaction. Students will intensify their focus on areas such as small-screen interface, web-based networking, touch control, reactive environments and spatial interaction.

197.370 Creative Ecologies II 15 credits
In this studio course students will explore design issues particular to ecological design. Students will experiment in the development of innovative designs that integrate with their environments to form holistic living systems.
197.379  
**Service and Experience Design**  
In this studio course students will learn and apply human-centred design processes to create a multi-dimensional response to a specific brief. Using a human-centred approach, students will negotiate the opportunities and tensions inherent in the design of services and experiences, offering original solutions that explore current paradigms (including the dynamic interplay of production and consumption).

197.383  
**Internship**  
In this course the student will practice and experience working within the creative community alongside practitioners in an organisation or approved field.

197.385  
**Projections: Future Casting**  
In this studio course students will, through a process of research-informed practice, investigate possible future scenarios pertinent to a chosen field of enquiry. Students will explore current and past cultural formations to theorise and articulate an original vision of a speculative art or design object, practice and/or strategy that might anticipate future developments in the field.

197.388  
**Creative Enterprise**  
In this course students will explore conceptual, strategic and professional dimensions of creative enterprise. Through exposure to industry exemplars they will learn, develop and apply techniques and approaches common to professional practice within creative industries.

197.433  
**Designing Science Fiction**  
In this studio course students will, through a process of research-informed practice, investigate design issues particular to the science fiction genre. Students will explore and expand science fiction theory and practice in the development of an original production concept.

197.434  
**Design Awards and Competitions**  
In this studio course you will develop a response to a top-level national or international design brief, award, or competition. You must apply for a specific module appropriate to your design specialisation. All modules extend your skills in design research, conceptual development and advanced technical application, so that you can produce a high calibre award or competition entry.

197.440  
**Contemporary Design Project D**  
Engagement with new thinking in contemporary design research through a specific lecturer-led project.

197.441  
**Contemporary Design Project E**  
Engagement with new thinking in contemporary design research through a specific lecturer-led project.

197.442  
**Contemporary Design Project F**  
Engagement with new thinking in contemporary design research through a specific lecturer-led project.

197.443  
**Contemporary Design Project G**  
Engagement with new thinking in contemporary design research through a specific lecturer-led project.

197.465  
**Creative Futures**  
In this studio-based course students situate their creative practice in a professional context. They will locate career interests within the spectrum of the creative industries, developing professional competencies central to entrepreneurial and industry environments in order to project their studies beyond the academic context. This course encourages students to construct an active strategy to promote themselves and their work persuasively to a defined target audience.

197.470  
**Creative Ecologies III**  
In this studio course students will, through a process of research-informed practice, investigate design issues particular to the future of sustainable design. Students will explore and expand sustainable practice in the development of a solution of an identified problem.

197.471  
**Social Interventions Through Design**  
In this studio course students will establish a critical position through theme-based experimental projects exploring the intersection between diverse design practices. Students will work collaboratively and interdisciplinarily to explore and combine unconventional communication design materials, methods and practices to creative interventions in public spaces.

197.490  
**Design Special Topic A**

197.495  
**Design Independent Study**  
Supervised independent student work on a negotiated design topic involving the setting of objectives, research and/or project work and the presentation of appropriate written and/or practical outcomes.

197.499  
**Design Special Topic**

197.701  
**Creative Research Practices I**  
Introduction to creative research as a critical practice through advanced methods, processes, technologies and skills.

197.702  
**Creative Research Practices II**  
Development of a creative research topic area through application of advanced research methods, processes, technologies and skills.

197.703  
**Creative Research Special Topic A**

197.704  
**Creative Research Special Topic B**

197.705  
**Independent Study**

197.706  
**Advanced Digital Fabrication for Creative Res 1**  
In this studio course in Fab Lab Wellington, students will develop software, systems, and related technical infrastructure for digital fabrication technologies, and thereby develop an advanced understanding of open design principles and practices.

197.707  
**Advanced Digital Fabrication for Creative Res 2**  
In this studio course, students will use the latest digital fabrication technologies in Fab Lab Wellington to prototype and manufacture creative outputs, and thereby gain an advanced understanding of open design principles and practices.

197.800  
**Design Thesis**  
Preparation of a thesis consisting of an advanced design-led research project and an exegesis to satisfy the requirements of the Master of Design qualification.

197.801  
**MPhil Thesis**  
A supervised and guided independent study resulting in a published work.

197.802  
**Design Thesis 120 Credit Part 1**  
Preparation of a thesis consisting of an advanced design-led research project and an exegesis to satisfy the requirements of the Master of Design qualification.

197.803  
**Design Thesis 120 Credit Part 2**  
Preparation of a thesis consisting of an advanced design-led research project and an exegesis to satisfy the requirements of the Master of Design qualification.

197.808  
**MPhil Thesis 120 Credit Part 1**  
A supervised and guided independent study resulting in a published work.

197.809  
**MPhil Thesis 120 Credit Part 2**  
A supervised and guided independent study resulting in a published work.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>197.810</td>
<td>120</td>
<td>Thesis</td>
</tr>
<tr>
<td>197.811</td>
<td>60</td>
<td>Thesis 120 Credit Part 1</td>
</tr>
<tr>
<td>197.812</td>
<td>60</td>
<td>Thesis 120 Credit Part 2</td>
</tr>
<tr>
<td>197.821</td>
<td>60</td>
<td>Postgraduate Studio and Seminar</td>
</tr>
<tr>
<td>197.822</td>
<td>60</td>
<td>Thesis Project Preparation</td>
</tr>
<tr>
<td>197.900</td>
<td>120</td>
<td>PhD Design</td>
</tr>
</tbody>
</table>

**INDUSTRIAL DESIGN**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>198.157</td>
<td>15</td>
<td>Studio I (Object)</td>
</tr>
<tr>
<td>198.213</td>
<td>15</td>
<td>Furniture Design</td>
</tr>
<tr>
<td>198.221</td>
<td>15</td>
<td>Modelling and Prototyping</td>
</tr>
<tr>
<td>198.257</td>
<td>30</td>
<td>Design Studio IIA (Industrial)</td>
</tr>
<tr>
<td>198.258</td>
<td>30</td>
<td>Design Studio IIB (Industrial)</td>
</tr>
<tr>
<td>198.308</td>
<td>15</td>
<td>Industrial Design Special Topic A</td>
</tr>
<tr>
<td>198.309</td>
<td>15</td>
<td>Industrial Design Special Topic B</td>
</tr>
<tr>
<td>198.315</td>
<td>15</td>
<td>Product Development</td>
</tr>
<tr>
<td>198.316</td>
<td>15</td>
<td>Transportation Design</td>
</tr>
<tr>
<td>198.320</td>
<td>15</td>
<td>Open Design &amp; Digital Fabrication</td>
</tr>
<tr>
<td>198.357</td>
<td>30</td>
<td>Design Studio IIIA (Industrial)</td>
</tr>
<tr>
<td>198.358</td>
<td>30</td>
<td>Design Studio IIIB (Industrial)</td>
</tr>
<tr>
<td>198.453</td>
<td>30</td>
<td>Industrial Design Research and Development</td>
</tr>
<tr>
<td>198.454</td>
<td>45</td>
<td>Industrial Design Research Project</td>
</tr>
<tr>
<td>198.455</td>
<td>45</td>
<td>Industrial Design Studio Project</td>
</tr>
<tr>
<td>198.463</td>
<td>15</td>
<td>Industrial Design Digital Representation</td>
</tr>
<tr>
<td>198.495</td>
<td>15</td>
<td>Industrial Design Independent Study</td>
</tr>
</tbody>
</table>

**ZOOLOGY**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>199.101</td>
<td>15</td>
<td>Biology of Animals</td>
</tr>
</tbody>
</table>

Animal diversity is studied within an evolutionary framework. Lectures cover the topics of phylogeny, biogeography, community ecology, morphology, embryology, physiology, behaviour and population biology. During laboratory classes students observe and dissect a variety of animals, study tissues.
and organisms, simulate evolutionary events, carry out field work and analyse population data.

199.204  15 credits
Animal Behaviour
An integration of biological processes through behavioural mechanisms, the functional responses of individuals and the evolution of social behaviour. Practical skills of description, quantification, comparison and experimentation are emphasised.

199.206  15 credits
The Fauna of New Zealand
An analysis of the fauna of New Zealand, covering unique and significant elements of the current fauna, and where appropriate, their relationships to past faunas or those elsewhere. Major lifestyle themes, life history adaptations, and habitat characteristics are explored. Practicals include compulsory field work.

199.211  15 credits
Invertebrate Zoology
A largely marine-based course that introduces the spectacular diversity amongst invertebrates. An appreciation of the major phyla is gained through learning about their movement, feeding and reproduction. Practical work focuses on identifying invertebrates, understanding how they are constructed and how they function.

199.212  15 credits
Vertebrate Zoology
The basic chordate structural plan is compared to the structure of cephalochordates and vertebrates. The evolution, form and function of some major organs and organ systems are examined. Special features of fishes, amphibia, reptiles, birds and mammals are highlighted. The geological timescale, zoogeography, physiology, ecology, local examples and aspects of conservation are discussed. Practical work is important.

199.310  15 credits
Entomology
Insect physiology, plant-insect relationships and an introduction to insect pest management. Basic insect identification skills are taught in the laboratories. Field work is important. A collection is required.

199.312  15 credits
Behavioural Ecology
An examination of the behavioural adaptations of animals to their environment with particular emphasis on the evolution of this behaviour. Topics will include feeding, reproduction, habitat selection and social groups.

199.317  15 credits
Animal Biodiversity
An exploration of the origins and maintenance of biodiversity using evolutionary and ecological theory, with an emphasis on New Zealand’s unique fauna. Factors that determine the distribution and abundance of genetic variation in natural systems, methods of describing this variation (systematics, phylogeography), and ecological processes that maintain this variation are examined. Evolutionary patterns and processes are studied.

199.320  15 credits
Selected Topics in Zoology
An in-depth view of topics in the zoological sciences. Students will study one or more topics to provide an advanced education in central issues in zoology.

199.330  15 credits
Ornithology
The evolution, taxonomy, morphology and behaviour of birds. Recognition of New Zealand birds by sight and sound. Practical work includes dissection and analyses of plumage colouration and vocalisations.

199.714  30 credits
Animal Behaviour
How do animals choose a mate, rear their young, avoid predators, find a meal and communicate with each other? These problems and applications of behavioural ecology to pest control and conservation are investigated in detail through reading current literature and class discussions. Topics change from year to year and according to the interests of the participants.

199.717  30 credits
Entomology
An advanced course of study involving literature reviews, tutorials and personal research on selected aspects of insect evolution, physiology, behaviour and ecology. Topics could include the evolution of insect flight and sociality, pollination of native plants, courtship and mating behaviour, reproductive hormones and pheromones and insect dispersal, pest management and post-harvest disinfection.

199.719  15 credits
Topics in Biodiversity
A review of the theory and methods for the analysis of biodiversity patterns and processes in space and time. Emphasis is placed on the use of phylogenetic trees, phylogeographic analysis and other genetic methods for testing hypotheses in evolution, historical biogeography, and regional biodiversity.

199.798  30 credits
Research Report
An in-depth view of topics in the zoological sciences. Students will study one or more topics to provide an advanced education in central issues in zoology.

199.870  60 credits
Research Report
An exploration of issues in Israeli-Arab relations, including the state of Israel’s relationship with its Palestinian citizens, the Palestinian Authority, the neighbouring Arab states and the wider Middle East.

199.871  45 credits
Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work.

199.872  45 credits
Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work.

199.875  90 credits
Thesis
A supervised and guided independent study resulting in a published work.

199.887  60 credits
Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

199.888  60 credits
Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

199.889  120 credits
Thesis
A supervised and guided independent study resulting in a published work.

199.900  120 credits
PhD Zoology
200

POLITICS

200.161  15 credits
Introduction to Politics
An introduction to the study and nature of politics, including political theory, political parties, electoral systems, public policy and international relations.

200.162  15 credits
Politics and Public Policy in New Zealand
An introduction to politics and public policy in New Zealand, with an emphasis on political institutions, the development of public policy, and the interplay between politics and economics in policy development.

200.201  15 credits
Middle Eastern Politics
An examination of the contemporary politics of the Middle East, including North Africa.

200.215  15 credits
Political Theory from Plato to Marx
A study of the history of political thought from Plato to Marx.

200.261  15 credits
World Politics
An introduction to major theories, issues, events and institutions in contemporary world politics.

200.301  15 credits
Contemporary International Conflict
An examination of contemporary international conflict drawing on case studies from around the world.

200.302  15 credits
Israel/Palestine and the Arab World
An exploration of issues in Israeli-Arab relations including the state of Israel’s relationships with its Palestinian citizens, the Palestinian Authority, the neighbouring Arab states and the wider Middle East.
200.303 Democratic Politics 15 credits
This course will critically examine core issues and debates in contemporary
democratic theory and practice, with a focus on the diverse forms of and
challenges to political participation in contemporary democracies.

200.315 Contemporary Political Thought 15 credits
A study of key developments and debates in contemporary political thought.

200.361 Contemporary New Zealand Politics 15 credits
A study of selected topics and themes in contemporary New Zealand politics
and government, with particular reference to the period from 1984 to the
present.

200.761 International Relations: Theory and Practice 30 credits
An exploration of the theory and practice of international relations.

200.762 Presidents and Prime Ministers 30 credits
An advanced exploration and critical analysis of the roles, responsibilities
and powers of Presidents and Prime Ministers in selected presidential and
parliamentary systems.

200.798 Research Report (30) 30 credits

200.799 Research Report (60) 60 credits

200.800 MPhil Thesis 120 credits
A supervised and guided independent study resulting in a published work.

200.801 MPhil Thesis 120 Credit Part 1 60 credits
A supervised and guided independent study resulting in a published work.

200.802 MPhil Thesis 120 Credit Part 2 60 credits
A supervised and guided independent study resulting in a published work.

200.816 Thesis 120 Credit Part 1 60 credits
A supervised and guided independent study resulting in a published work.

200.817 Thesis 120 Credit Part 2 60 credits
A supervised and guided independent study resulting in a published work.

200.873 Research Report Politics (60) 60 credits

200.881 Thesis 90 Credit Part 1 45 credits
A supervised and guided independent study resulting in a published work.

200.882 Thesis 90 Credit Part 2 45 credits
A supervised and guided independent study resulting in a published work.

200.883 Thesis 90 90 credits
A supervised and guided independent study resulting in a published work.

200.899 Thesis 120 credits
A supervised and guided independent study resulting in a published work.

200.900 PhD Politics 120 credits

201.103 Magic and Witchcraft 15 credits
A multidisciplinary study of magic and witchcraft in selected societies in
different time periods.

201.112 Greek History 15 credits
This course provides a survey of Greek History from the Bronze Age to the
death of Alexander the Great in 323 BC.

201.113 Greek Mythology 15 credits
A study of the nature and uses of Greek mythology in ancient Greek literature
and art.

201.114 The Roman Republic: Kings, Consuls and Conquest 15 credits
This course provides an introduction to Roman History, from its beginnings to
the battle of Actium in 31 BC.

201.115 Introductory Latin 15 credits
An introduction to the grammar and translation of Latin. No prior knowledge
of Latin assumed.

201.117 Greek and Roman Warfare 15 credits
An introduction to warfare in antiquity, in its social and political contexts,
with an examination of weapons, tactics, strategy, famous battles and
generals.

201.201 The Pursuit of Happiness in the Classical World 15 credits
This course explores views of happiness in the ancient Greek and Roman
world from Homer to Marcus Aurelius.

201.211 Love and Sexuality in Ancient Greece 15 credits
This course offers a systematic study of ancient Greek attitudes and practices
relating to love and sexuality as reflected in history, literature, art, and
philosophy, and against the background of the family and society at large.

201.212 Intermediate Latin 15 credits
A development of reading proficiency in classical Latin by increasing core
vocabulary key grammatical concepts and translation.

201.216 The Trojan War 15 credits
A comparative examination of the Trojan War in Greek and Roman literature.

201.218 Greek and Roman Religion 15 credits
A study of the religion of the Greeks and Romans, approached through both
literary and archaeological sources. The course focuses on cult practices and
their impacts on the societies of the time.

201.219 Greek Art and Society 15 credits
A survey of techniques, developments and achievements in Greek
architecture, sculpture, wall- and vase-painting, set in their archaeological and
social contexts. The period covered is from the Bronze Age through to Late
Classical times.

201.220 Roman Art and Society 15 credits
A survey of techniques, developments and achievements in Hellenistic
and Roman architecture, painting, mosaics, and sculpture, set in their
archaeological and social contexts. The period covered is from the Hellenistic
Age through to the Empire.

201.230 Ancient Multiculturalism: Egypt, Greece and Rome 15 credits
An introduction to cultural exchange between ancient Egyptian and Greco-
Roman civilization over the thousand years of classical antiquity, focusing on
interactions in literature, art, religion, philosophy, economy, and politics.

201.313 Myth and Greek Tragedy 15 credits
Comparative study of the literary uses of myth in antiquity through analysis
of Greek tragedy. (All works are studied in English translation.)

201.314 Imperial Rome 15 credits
A study of the first 200 years of Roman imperial rule, from the time of
Augustus to the death of Marcus Aurelius.
MEDICAL LABORATORY SCIENCE

202.371  Human Genetics and Molecular and Clinical Diagnoses  15 credits
Aspects of genetics that are important in human biology. Topics include single gene defects, chromosome abnormalities, cancer, ageing and an introduction to complex traits. Students will carry out projects involving both individual and group activity in which, under academic supervision, students perform laboratory tests and apply their problem-solving skills and accumulated knowledge to diagnose various clinical conditions.

202.372  Histological Technique and Medical Cytology  15 credits
A study of the principles and practical methodology used in the preparation and microscopic examination of tissue for histopathology. The principles of cytotechnical technique, including fine needle aspiration, will also be studied. Techniques will include tissue fixation, processing, microtomy, staining, immunocytochemistry and specimen preparation. Cytological recognition of benign and malignant conditions of the female genital tract and other body sites of males and females will be studied.

202.381  Haematology  15 credits
Introduction to the homeostatic mechanisms of blood cell production and the control mechanisms affecting bone marrow production that maintain haemostasis in humans. The role of the haematology laboratory scientist and their part in the laboratory diagnosis of diseases such as anaemia, haemophilia and the disorders of thrombosis, leukaemia and other tumours of haemopoietic origin.

202.382  Transfusion Science  15 credits
Introduction to the principles of transfusion and transplantation as practised in New Zealand laboratories. The collection and storage of blood and the manufacture of human blood products for transfusion. The major human blood groups, blood group alloantigens, haemolytic disease, transfusion reactions including blood-borne viruses. The Major Histocompatibility Complex in the context of donor/recipient matching of organs for transplantation.

202.471  Advanced Haematology  60 credits
The principles and clinical training in the application of laboratory techniques used in the investigation of abnormalities of the haemopoietic and haemostatic systems such as anaemia, aplasia, haemato logical cancers, bleeding and thrombotic disorders.

202.472  Advanced Transfusion Science  60 credits
The principles and clinical training in the application of processes for donor selection, donation collection and processing of blood and blood products. Also included are compatibility testing, blood grouping, alloantibody screening and identification used in the provision of blood for transfusion and the diagnosis of haemolytic disease.

202.473  Advanced Histological Technique  60 credits
The principles of, and clinical training in, the preparation of tissue for study by microscopy and the application of histological techniques to diagnostic histopathology.

202.476  Human Cytogenetics  60 credits
The study of human chromosomes, their abnormalities and relations to diseases and the pre- and postnatal diagnosis of genetic disorders.

202.477  Immunology and Virology  60 credits
The principles and methodology of techniques currently used for the diagnosis of a range of immunological diseases and viral infections.

202.478  Advanced Clinical Biochemistry  60 credits
The principles of, and clinical training in, biochemical and selected immunological laboratory techniques currently used for the diagnosis of human diseases.

BIOLOGY

202.479  Diagnostic Medical Microbiology  60 credits
The principles of, and clinical training in, the laboratory diagnosis of bacterial, fungal and parasitic infections of humans. It will include specimen collection and processing, microscopy, culture, biochemical tests, and nucleic-acid and antibody-based techniques for pathogen isolation and/or identification as well as antimicrobial susceptibility testing, sterilisation and disinfection.

MEDICAL LABORATORY SCIENCE

202.781  Current Topics in Medical Laboratory Science  30 credits
An advanced course of study based on current literature of Medical Laboratory Science selected from Biochemistry, Microbiology, Virology, Haematology, Transfusion Science, Immunology, Histological Technique and Cytology. Candidates will be expected to cover areas of Medical Laboratory Science, including both their current specialist discipline(s) and other areas.

202.889  Research Project  45 credits

202.900  PhD Medical Laboratory Science  120 credits

GENETICS

203.202  Genetic Analysis  15 credits
A general course on methods and applications of genetic analysis. Topics include genetic variation, cytogenetics, gene inheritance, gene mapping, gene function, quantitative genetics, population genetics and evolution, cell and developmental biology.

203.203  Human Genetics  15 credits
Aspects of genetics that are important in human biology. Topics include chromosome abnormalities, genes and genetic disease, immunogenetics, cancer, ageing, complex traits, family studies and populations.

203.212  Principles of Genetics  15 credits
A general course on the principles and applications of genetics, with an emphasis on problem solving. Topics include gene structure, function and variation, genetic inheritance, cellular genetics and cytogenetics, population and quantitative genetics, genomics, and methods of genetic analysis.

203.300  DNA Technology  15 credits
DNA structure, topology and recombination. The contributions of bacteriophage to DNA technology. Advanced applications of DNA sequencing, gene cloning, PCR, microarrays and gene targeting, including molecular diagnostics of genetic disorders. Practical experience will be gained with DNA quantification, molecular cloning, PCR, DNA sequencing,
molecular diagnostics of genetic disorders, computer analysis and expression of heterologous genes.

203.305 Advanced Practical Genetics
An advanced course in laboratory techniques used in Genetics. Emphasis is on understanding the theory behind the methods used, on data evaluation and on the application of genetic techniques to various questions in biology. Practicals include microarray analysis, transposon tagging, human microsatellite and SNP analysis and reporter gene expression.

203.307 Mammalian Cell Biology
A course with a strong emphasis on the structure and function of mammalian cells. Topics covered include chromosome structure and function, cell cycle, signal transduction, cytoskeleton and molecular motors, cell adhesions and interactions, cell motility, stem cells and their biomedical potential, cell death and cancer. The practical component has a strong emphasis on biochemical, genetic and microscopic methods that are used to study eukaryotic cells.

203.328 Genome Analysis
An interactive and self-directed learning approach will be used to explore the analysis of genomes, transcriptomes and metagenomes. The emphasis will be on understanding and applying a range of practical methodologies to extract biologically significant information from large genetic data sets.

203.340 Applied Molecular Biology
A course on the advanced methods and applications of molecular biology. Topics include an historical overview, the contributions of bacteriophage to molecular biology, PCR, gene cloning, protein engineering, genomics, microarrays, forensics and synthetic biology. Practical experience will be gained with PCR, molecular cloning and DNA sequencing.

203.341 Genetics and Evolution
A course on understanding organisms at the level of the genome (the genes), the proteome (the proteins), and the population. Advances in understanding the structure, function, and evolution of the genome and proteome, with emphasis on model organisms, will be discussed. Genetic, biochemical, and evolutionary techniques used to dissect biological function will be described, as will the integration of that information to understand cellular and evolutionary processes.

203.342 Molecular and Cellular Biology
Regulation of gene expression including chromatin structure, transcription factors, modulation of transcription (e.g. immunoglobulin genes) and post-transcriptional control mechanisms. Signal transduction, protein structure and function as it relates to proton pumps, catalytic strategies, translation and protein sorting. The structural organization of the cytoskeleton, knowledge of cell adhesion and the extracellular matrix, cell signalling mechanisms, cell cycles and vesicular transport.

203.343 Advanced Genetics and Genomics
An advanced course on using genetics and genomics to solve modern problems in biology. The course will explore how genetics and genomics data can be used to understand ancestry and health, and how genes interact with diet and drugs to produce variation. Students will investigate ethical and counselling issues related to personal genomic data. Genetic variation, with an emphasis on humans, will be described, alongside its use in forensics. The newfound role of RNA in regulating gene expression will be covered.

203.761 Molecular Evolution

203.762 Genetic Analysis
An advanced course based on current literature where genetic approaches are used to understand important biological processes. Topics will include DNA recombination, plant-microbe symbiosis, plant-fungal gene interactions, the genetic basis of learning and memory and epigenetics.

203.789 Research Report

203.870 Research Report
60 credits

203.871 Thesis 90 Credit Part 1
45 credits
A supervised and guided independent study resulting in a published work

203.872 Thesis 90 Credit Part 2
45 credits
A supervised and guided independent study resulting in a published work.

203.875 Thesis
90 credits
A supervised and guided independent study resulting in a published work.

203.897 Thesis 120 Credit Part 1
60 credits
A supervised and guided independent study resulting in a published work.

203.898 Thesis 120 Credit Part 2
60 credits
A supervised and guided independent study resulting in a published work.

203.899 Thesis
120 credits
A supervised and guided independent study resulting in a published work.

203.900 PhD Genetics
120 credits

DECISION SCIENCE

204 DECISION SCIENCE

FASHION DESIGN

212.100 Fashion Pattern Making
15 credits
In this studio course students will be introduced to fundamental patternmaking methods through an applied 3D- 2D developmental process. Students will acquire basic skills for the creation of garment patterns for contemporary fashion design.

212.101 Fashion Construction
15 credits
In this studio course students will be introduced to specialised apparel industrial machinery, techniques and applied processes of apparel manufacture through construction sampling and prototyping. These industrial methods will enrich understanding of design solutions for garment and product assembly and creative exploration.

212.157 Studio I (Dress)
15 credits
In this studio course students will be introduced to creative and analytical thinking skills, idea generation and visualisation common to art and design practice. They will begin to acquire specific techniques, skills and processes in creatively dressing bodies and fashioning garments. They will learn to discuss and evaluate their work and the work of their peers.

212.200 Garment Pattern Drafting and Grading
15 credits
In this studio course students will be introduced to pattern drafting and basic size grading techniques. Through manual and digital applications, students will develop an understanding of block foundation shapes and how they form the basis of garment styles.

212.228 Fashion Special Topic A
15 credits
A selected workshop- or studio-based aspect of fashion design. Offerings change from year to year and may not be offered in a particular year.

212.257 Design Studio IIA (Fashion)
30 credits
In this studio course students will explore and articulate creative responses to design challenges through critical awareness of contextual issues. Students will develop and apply core techniques, skills and processes in fashion design.
212.258 30 credits
Design Studio IIB (Fashion)
In this studio course students will continue to explore and articulate creative responses to design challenges through critical inquiry into contemporary issues relevant to fashion design. Students will further develop and apply core design techniques, skills and processes.

212.304 15 credits
Drape for Design
In this studio course the student will investigate and explore creative and innovative design pattern processes through application and manipulation of fabric directly on the three dimensional form. Students will expand their pattern processes through critical analysis of drape techniques with increased understanding of fabric behaviour, fit and relationship of the garment to the body.

212.309 15 credits
Contoured and Knit Apparel
In this studio course students explore the specialised aspects of pattern development and production in the area of contoured and stretch apparel design.

212.321 15 credits
Digital Applications for Fashion Production
In this studio course students will apply their understanding of pattern production and grading methods specifically oriented to developing designs for mass manufacture.

212.328 15 credits
Fashion Special Topic B
A selected workshop- or studio-based aspect of fashion design. Offerings change from year to year and may not be offered in a particular year.

212.357 30 credits
Design Studio IIIA (Fashion)
In this studio course students will establish a critical position through individual or collaborative creative exploration and articulation. With opportunities for varied contextual applications, students will consolidate and expand fashion design concepts, techniques, skills and processes in the production of their creative work.

212.358 30 credits
Design Studio IIB (Fashion)
In this studio course students will negotiate a critical position through individual or collaborative professional practices, with opportunities to apply their specialist skills to a range of contexts. In addition to advancing fashion design concepts, techniques, skills and processes in the production of their creative work, students will develop and apply transferable skills relevant to professional environments.

212.403 15 credits
Apparel Production Research
In this studio course students will apply a research informed investigation of advanced apparel production processes. Students will expand their advanced technical knowledge through design exploration, sampling and prototyping.

212.453 30 credits
Fashion Design Research and Development
Research methods, practices and processes for fashion design and their application through a research design project.

212.454 45 credits
Fashion Design Research Project
Application and development of research in an independent fashion design project.

212.455 45 credits
Fashion Design Studio Project
Development and realisation of an advanced fashion design project.

212.464 15 credits
Fashion Culture and Politics
In this seminar-based course, students will learn to critically evaluate their own practice in relation to the cultural politics of fashion.

212.495 15 credits
Fashion Design Independent Study
Supervised independent student work on a negotiated topic related to fashion or apparel involving the setting of objectives, research and/or project work and the presentation of appropriate written and/or practical outcomes.

213 15 credits
FINE ARTS

213.150 Painting 15 credits
In this studio course students will be introduced to aspects of contemporary painting focusing on colour, surface and structure and developing an awareness of the diversity of painting mediums and techniques. While working to a brief, students are expected to undertake independent investigations and develop individual responses.

213.151 Contemporary Sculpture 15 credits
In this studio course students will be introduced to aspects of contemporary sculpture with a focus on object making, the exploration of physical materials and applied processes. While working to a brief, students are expected to undertake independent investigations and develop individual responses.

213.154 Contemporary Drawing 15 credits
In this studio course students will be introduced to the potential for drawing to become more than a traditional practice of representation. The course will focus on expanding students’ observation skills, and modes of expression and representation, in an expanded field of contemporary art and design practice.

213.155 Drawing the Body I 15 credits
In this studio course students are introduced to the fundamentals of drawing the human body. Students undertake a project of drawing exercises using various techniques and media.

213.157 Studio I (Art Lab) 15 credits
In this studio course students will be introduced to creative and analytical thinking skills, idea generation and visualisation common to art and design practice. They will begin to acquire specific techniques, skills and processes in art-making across different media. They will learn to discuss and evaluate their work and the work of their peers.

213.158 Studio I (Art Place) 15 credits
In this studio course students will be introduced to creative and analytical thinking skills, idea generation and visualisation common to art and design practice. They will begin to explore specific techniques, strategies and processes making art works in relation to site and context. They will learn to discuss and evaluate their work and the work of their peers.

213.211 Fine Arts Special Topic II 15 credits

213.241 Art Studio IIA 30 credits
In this studio practice course students will develop ideas, practices and processes in the production of contemporary art through a series of prescribed studio projects, media workshops, gallery visits and guest speakers.

213.242 Art Studio IIB 30 credits
In this studio practice course students will further develop ideas, practices and processes in the production of contemporary art through a series of prescribed studio projects, media workshops, gallery visits and guest speakers.

213.254 Contemporary Drawing Projects 15 credits
A practical studio that introduces principles and practices of drawing. The creative potential of various media will be explored and students are encouraged to develop personal styles of expression through observation, translation and invention.

213.255 Drawing the Body II 15 credits
A creative response to representation of the human body through a prescribed project. Students apply a range of drawing practices and media to the development of individual work.

213.256 Contemporary Art Projects A 15 credits
Engagement with new thinking in contemporary art research through a specific lecturer-led project.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Title</th>
</tr>
</thead>
</table>
| 213.257     | 15      | Contemporary Art Projects B  
Engagement with new thinking in contemporary art research through a specific lecturer-led project. |
| 213.258     | 15      | Contemporary Art Projects C  
Engagement with new thinking in contemporary art research through a specific lecturer-led project. |
| 213.259     | 15      | Contemporary Art Projects D  
Engagement with new thinking in contemporary art research through a specific lecturer-led project. |
| 213.260     | 30      | Fine Arts Special Topic IIB |
| 213.261     | 15      | Contemporary Art Projects F  
Engagement with new thinking in contemporary art research through a specific lecturer-led project. |
| 213.262     | 15      | Contemporary Art Projects G  
Engagement with new thinking in contemporary art research through a specific lecturer-led project. |
| 213.263     | 15      | Contemporary Art Projects H  
Engagement with new thinking in contemporary art research through a specific lecturer-led project. |
| 213.264     | 15      | Contemporary Art Projects I  
Engagement with new thinking in contemporary art research through a specific lecturer-led project. |
| 213.265     | 15      | Contemporary Art Projects J  
Engagement with new thinking in contemporary art research through a specific lecturer-led project. |
| 213.311     | 15      | Fine Arts Special Topic III |
| 213.341     | 30      | Art Studio IIIA  
In this studio practice course students will expand content, context, methodology and the role of critical dialogue in the production of contemporary art. Study will be undertaken through a series of studio projects, media workshops, and a programme of gallery visits and guest speakers. |
| 213.342     | 30      | Art Studio IIIB  
In this studio practice course students will further expand content, context, methodology and the role of critical dialogue in the production of contemporary art. Study will be undertaken through a series of studio projects, media workshops, and a programme of gallery visits and guest speakers. |
| 213.355     | 15      | Drawing the Body III  
The development of an individual drawing project using the body as subject. A degree of innovation and experimentation is expected in both the practice of drawing and applied understanding of the representation of the human body. |
| 213.356     | 15      | Contemporary Art Projects E  
An investigation into new thinking in contemporary art research through a specific lecturer-led project. |
| 213.357     | 15      | Introduction to Fine Arts Research Methods and Practices  
An introduction to a range of methods and practices for undertaking research in a fine art context. |
| 213.358     | 15      | Fine Arts Internship  
A negotiated programme of study that provides students with the opportunity to gain experience and practice by working alongside visual arts professionals. Students work through self-directed inquiry and collaboration (as appropriate) towards the development of a project and assigned tasks within the professional environment. Prior approval by the course Coordinator is required. |
| 213.359     | 15      | Contemporary Art Projects K  
Engagement with new thinking in contemporary art research through a specific lecturer-led project. |
| 213.360     | 30      | Fine Arts Special Topic IIIB |
| 213.411     | 15      | Fine Arts Special Topic IV |
| 213.440     | 30      | Art Studio IV A Practice  
In this studio practice course students will further advance the exploration of content, context, methodology and the role of critical dialogue in the production of contemporary art. In consultation with lecturers, students develop and present a substantial, innovative and individual body of work. |
| 213.441     | 30      | Art Studio IV A Research  
In this studio research course students will advance the exploration of content, context, methodology and the role of critical dialogue in the production of contemporary art. In consultation with lecturers, students produce a substantial innovative body of work. |
| 213.442     | 45      | Art Studio IV B  
In this studio course students will further advance the exploration of content, context and engaged dialogue in the production of contemporary art. In consultation with lecturers, students produce a substantial innovative body of work. |
| 213.463     | 15      | Fine Arts Research Seminar  
A programme of advanced study that addresses the application, dissemination and discussion of research practices in contemporary art. Emphasis will be placed on selective investigation and presentation of critical issues in the production of art and culture. |
| 213.464     | 15      | Art in Context  
The course will identify, discuss and critique different exhibition, interpretation and publication protocols and practices within the context of the contemporary art institution, including art galleries, museums, artist-run project spaces, commissioning programmes/art in public space projects, auction houses and dealer galleries. |
| 213.465     | 15      | Exhibition  
In this studio-based course students situate their creative practice through exhibition. Students work in a collaborative group to develop and realise an exhibition project. One of the key focus points for the course is students' growing understanding of the reality of public presentation of the creative output. This advanced programme of study will encourage discussion and critical reflection on diverse approaches to the exhibition of creative work and its relevance for a range of academic and/or professional contexts. |
| 213.702     | 30      | Postgraduate Studio Practice II  
An approved individually designed programme of advanced practice in Fine Arts. |
| 213.703     | 30      | Special Topic  
An opportunity to follow a particular academic interest. The topic and the manner in which it is approached require prior approval. With permission of the Head of Department a prescribed course at 700-level may be substituted. |
| 213.704     | 30      | Fine Art Theory and Research  
A programme of advanced study that examines the theoretical and historical contexts of Fine Art Practice. Emphasis will also be placed on developing and implementing research strategies. |
| 213.706     | 30      | Postgraduate Studio Practice I  
An individually designed programme of advanced studio practice in fine arts. |
| 213.900     | 120     | PhD Fine Arts |
## HEALTH SCIENCES

### 214.003 Foundation Human Bioscience
An introduction to the core concepts in human biology and basic physiology.

### 214.101 Human Bioscience: Normal Body Function
Human body structure and function (anatomy and physiology), including relevant concepts of homeostasis and metabolism and development throughout the lifespan.

### 214.102 Applied Sciences for Health Professionals
An introduction to the basic scientific concepts that are relevant to the maintenance of human and environmental health.

### 214.110 Introduction to Environmental Health and Housing
Concepts of Environmental Health, its history and current application. Key knowledge of the construction industry and practice, causes and effects of failure, deterioration and dilapidation. Legislation and codes of practice will be emphasised.

### 214.111 Chemistry in the Environment
Aspects of chemistry and chemical analysis, including important chemical reactions, which affect the health of people interacting with the environment. Environmental and occupational hazards associated with the manufacture, use and storage of chemicals used in New Zealand, including hazardous by-products and waste.

### 214.131 Introduction to Food and Nutrition
An examination of the effect of social, cultural and psychological factors on food habits; a brief study of the composition of foodstuffs and the basic principles of human nutrition; an introduction to food safety and food preservation. Emphasis will be given to topics of current interest.

### 214.201 Human Bioscience: Impaired Body Function
An examination of the aetiology of disease and alteration of health status and the relevant scientific clinical tests, including the role of micro-organisms in disease processes.

### 214.202 Pharmacology
The study of pharmacokinetics and pharmacodynamics, drug groups, principles of adverse drug effects, drug interactions, prescription and non-prescription medication and calculation of drug dosages.

### 214.209 Microbiology and Communicable Diseases
Fundamental concepts and applications of microbiology and important communicable diseases from an environmental health perspective are investigated.

### 214.210 Applied Environmental Chemistry
Aspects of chemistry and chemical analysis that are of significance to the environment. Corrosion and corrosion protection; analytical methods based on absorption and emission of radiation; chromatography and electrode methods; sampling; environmental and occupational hazards associated with the manufacture and use of chemicals in New Zealand. Laboratory work and site visits.

### 214.211 Environmental Science
An interdisciplinary and systematic study of the environment and our place in it, encompassing basic concepts and principles of environmental science, understanding of the environmental and resource problems and possible solutions to these.

### 214.212 Research Methods in the Health Sciences
Techniques of health science research which emphasise the systematic process of identification and defining of research problems, formulation of hypotheses, quantitative and qualitative techniques for the collection and analysis of data, and the ethics of research in the field of health. Development of a research proposal.

### 214.213 Toxic Substances, Human Health and the Environment
A study of the interactions of key groups of toxic substances with the human body and the ecosystem. Provides an overall understanding of the terminology, principles, concepts and methodologies. Discusses applications to human or environmental toxicological risk assessment.

### 214.214 Food Safety and Human Health
Introduces students to the key issues surrounding the preparation, handling and delivery of safe food, and applications of food safety, HACCP, inspection and assessment techniques, food legislation and common problems, will be examined. Will include a study of relevant organisations involved in the food industry.

### 214.216 Environmental and Public Health Law
Legislative, judicial and administrative aspects of the New Zealand legal system as they apply to environmental health. Examination of statutory and common law legal issues, collection of evidence and prosecutions, management of cases, negligence and potential liability. Special focus on the RMA (1991) and Health Act (1956).

### 214.231 Nutrition for Special Populations
Application of food and nutrition principles to special populations throughout the lifecycle and different ethnic groups in New Zealand. A basic knowledge of the scientific reasoning behind the recommendations will be developed. Some factors influencing food choice amongst the populations will be examined. Students will also gain skills in critically evaluating foods and dietary supplements on the market.

### 214.301 Environmental Health Risk Management for Disasters
Advanced theory and practice in environmental health risk management applicable to typical disaster and humanitarian relief scenarios encountered in New Zealand/Pacific Rim.

### 214.302 Intervention and Prevention Strategies in Health
An examination of the importance of randomised controlled trials and other research studies for investigating and validating intervention strategies that optimise health outcomes. Biomedical studies in sleep, exercise and nutrition is the focus with critical analysis on their role as part of a prevention strategy in protecting health, delaying progression of illness or improving quality of life.

### 214.311 Epidemiology and Communicable Diseases
The nature of important communicable diseases and the factors that influence the occurrence, prevention and control of infectious diseases. Examination of the major reasons for disease emergence and resurgence. Concepts and applications of epidemiology in relation to infectious and non-infectious agents.

### 214.312 Environmental Monitoring and Investigative Methods
Application of monitoring and investigative methods used to measure various health effects indicators and aetiologic agents in environmental samples. Laboratory and field tests on samples, interpretation of test results in relation to the appropriate standards and guidelines. A practical course.

### 214.314 Water and Waste Treatment
Water treatment for drinking water supplies and public bathing facilities, the treatment and disposal of liquid (e.g. sewage) and solid wastes for the provision and maintenance of public health, with particular reference to common systems.

### 214.316 Bio-Physical Effects of Noise and Vibration
Sources, propagation, measurement units and effects of noise, vibration and electromagnetic radiation. Measurement and assessment of these factors in the community. Instrumentation, procedures, collection of data and interpretation, legislation, standards and guidelines, and requirements for court proceedings.

### 214.317 Environmental Health
Advanced theory and practice of preserving human health in the environment by identifying key determinants of health and the multi-factorial environmental influences on human health. Includes an applied component which could embrace a variety of practical situations relating to Human Health and the Environment, undertaken within any sector which has a role in the administration or practice of Environmental Health.
### BUILDING AND CONSTRUCTION

#### 218.100 Construction Materials
Characteristics and properties of construction materials, focusing on concrete, timber and metals. This course includes laboratory sessions related to the lecture material.

#### 218.110 Construction Industry Work Experience I
Construction industry work experience for at least 300 hours in a public or private business in an area related to the student’s chosen major. A descriptive report demonstrating satisfactory work experience and generic skills such as observational, fact-finding, analytical and reporting skills is required.

#### 218.123 CAD and Building Information Modelling
An introduction to computer aided design (CAD) and Building Information Modelling (BIM).

#### 218.150 Introduction to Built Environment and Measuring Systems
Introduction to the built environment, construction economics and measuring systems, with emphasis on the nature and operation of the New Zealand built environment, impact of the micro and macro economics on construction, and the basic principles of measurement of building works.

#### 218.151 Construction Health & Safety & Sustainable Buildings
An introduction to the legal and regulatory health and safety requirements on construction sites, the design and construction principles of sustainable buildings, and sustainable building rating systems.

#### 218.172 Construction Technology: Residential
Principles of construction and structural systems for residential buildings, and non specific design of timber framed buildings for resistance to wind and earthquake.

#### 218.210 Construction Industry Work Experience II
This course extends the construction industry work experience gained in first year to additional 300 hours in a public or private business in an area related to the student’s chosen major. A descriptive report demonstrating satisfactory work experience and generic skills such as observational, fact-finding, analytical and reporting skills is required.

#### 218.211 Construction Economics and Estimating
Financial concepts relating to early stages of the construction project including feasibility studies, cost planning, preliminary estimating methods, design economics, basic principles of life cycle costing and value engineering, tender documentation, tendering methods, and tender pricing and evaluation.

#### 218.213 Measuring Systems I
Measurement and scheduling of quantities for specialist building trades according to NZS 4202. Introduction to computer aided measuring and scheduling packages.

#### 218.214 Measuring Systems II
Measurement and scheduling of quantities for specialist building trades according to NZS 4202. The use of computer aided measuring and scheduling packages.

#### 218.271 Construction Technology: Commercial
Construction technology of low rise commercial and industrial buildings.

#### 218.273 Building Technology: Commercial Property
Building technology of low rise commercial and industrial buildings.

#### 218.274 Building Services
Principles of services and facilities in commercial and domestic buildings.
218.280 Construction Operations and Control 15 credits
A critical examination of construction-related practices, operations and control. Overall planning and coordination of a construction project from inception to completion aimed at meeting a client’s requirements in order to produce a functionally and financially viable project.

218.311 Construction Contract and Financial Administration 15 credits
An introduction to construction procurement methods, contractual arrangement methods, contractual risk assessment, and construction contract and subcontract administration including the financial administration.

218.313 Construction Innovation and Building Information Modeling 15 credits
An investigation into the process of innovation and opportunities for innovation in the construction sectors. Particular reference is given to current innovations in information technology including the application of Building Information Modeling software.

218.315 Construction Law 15 credits
The basics of construction law including construction professional negligence, terms of engagement of construction professionals, legal principles affecting tendering, formation of construction contracts and subcontracts, key principles of construction contracts including those affecting time, cost, and quality obligations, termination of contracts, and resolution of construction disputes.

218.340 Construction Research Project 30 credits
The construction research project course will enable students to conduct and report on an aspect of construction that demands independent thought and action. It entails an investigation of construction related topics aimed at developing problem identification and solving skills, an appropriate literature review, theories application, laboratory and field work investigation, preparation and submission of a written report, poster and oral presentation on the research topic.

218.374 Construction Technology: Multi-Storey 15 credits

218.414 Construction Planning and Scheduling 15 credits
Principles and practice of construction project planning, programming, scheduling and risk analysis.

218.710 Advanced Construction Planning and Scheduling 15 credits
Advanced principles and practice of construction project planning, scheduling and risk analysis.

218.720 Advanced Construction Site Operations and Control 15 credits
Advanced principles and practice of construction project site planning and organisation, site operations, progress monitoring and control.

218.730 Construction Project Management 15 credits
Advanced construction project management principles and practice.

218.741 Light & Lighting 15 credits
This course considers photometric concepts and develops the principles of light control and distribution. Human visual processes are considered and colour science is introduced.

218.742 Lamps and Luminaires 15 credits
This course develops the principles of light production as applied to lamps and considers the application of lamps in lighting design. The requirements for lamp control gear are considered together with the application of optical control to achieve accurate and efficient distribution of luminous flux. Methods of photometric testing of lamps and luminaires will be investigated.

218.743 Interior Lighting Design 15 credits
This course develops the principles of interior lighting design. The human requirements and statutory regulations are investigated. Lighting designs are undertaken to demonstrate the techniques involved. The utilisation of daylight to enhance lighting installations and assist with energy savings is considered. Creative lighting techniques are investigated.

218.744 Energy Efficient Lighting and Exterior Lighting Design 15 credits
This course considers the efficiency of lamps and luminaires in producing and distributing luminous flux. Lighting controls for energy saving applications are investigated. Principles of exterior lighting for public places are considered and the flood lighting of building facades is developed. The design of landscape lighting for commercial and public spaces is undertaken. The statutory requirements for, and the techniques associated with, road way and pedestrian lighting are considered. The design of lighting for sports grounds is undertaken.

218.761 Design and Management of Healthy Buildings 15 credits
To provide building practitioners with knowledge of the building components and systems that create a healthy indoor environment for non-industrial buildings. The principles of managing a healthy indoor environment, including methods for investigating indoor air quality and building performance.

218.763 Construction Law I 15 credits
Principles of construction law including construction professional liability, drafting and interpreting construction contracts, and application of construction law principles on issues relating to time, cost, quality, termination of contracts, and dispute resolution.

218.764 Construction Law II 15 credits
Specialist areas of construction law including contractual risk analysis, comparative construction contracts, modern plain English drafting, subcontracting, and construction contract administration.

218.765 Construction Adjudication 15 credits
Statutory adjudication in Commonwealth jurisdictions with a focus on the law and practice of adjudication under the New Zealand Contracts Act 2002 and subsequent amendments including the adjudicator’s appointment, jurisdiction, duties, powers and adjudicator’s determination.

218.780 Construction Commercial Management I 15 credits
Pre-contract financial management of construction projects, including feasibility, procurement and tendering.

218.781 Construction Commercial Management II 15 credits
Commercial management of construction projects including aspects relating to change management, value management, cost management, financial risk management, time management and claims management.

218.810 Research Report 45 credits
A detailed examination of a specific researchable topic within the field of construction. The course provides the opportunity for the student to demonstrate independence and originality to solve a construction-related problem requiring analytical, design and experimental effort.

218.820 Dissertation 60 credits
A detailed examination of a specific researchable topic within the field of construction. The course provides the opportunity for the student to demonstrate independence and originality to solve a construction-related problem requiring analytical, design and experimental effort.

218.828 Thesis 90 Credit Part 1 45 credits
A supervised and guided independent study resulting in a published work.

218.829 Thesis 90 Credit Part 2 45 credits
A supervised and guided independent study resulting in a published work.

218.830 Thesis 90 credits
A detailed examination of a specific researchable topic within the field of construction. The course provides the opportunity for the student to demonstrate independence and originality to solve a construction-related problem requiring analytical, design and experimental effort.

218.900 PhD Construction 120 credits
PhD Construction
COMMUNICATION AND JOURNALISM

219.100  Introduction to Business Communication  15 credits
An introduction to communication principles and practices at work, with special attention to oral and written communication.

219.101  Media Skills  15 credits
Understanding and working with the news media combining practical skills with critical and ethical perspectives on media use. Skills include media strategy, writing media releases, broadcast interviewing and running a media conference.

219.107  Introduction to Cross-Cultural Communication  15 credits
An introduction to the basic components comprising the experience and expression of culture, this course examines the complex relationship between culture and communication, and the challenges that may arise when members of different cultural groups interact.

219.202  Professional and E-Business Writing  15 credits
A study of the principles and strategies of effective business writing. This will cover the major forms of business documents and involve the development of business writing skills within a technological and global community.

219.203  Business Communication  15 credits
A study of the processes and practices of business communication in the context of the private and public sectors. The course is based on those theories of human communication of most relevance in developing an understanding of and facility in skills such as listening, speaking to a group, interviewing and writing in organisations.

219.204  News Media Processes  15 credits
The course examines the structure and functions of the New Zealand news media. Topics include the ‘manufacture’ of news, objectivity, gender and race issues and news values. Topical news events are examined.

219.205  Professional Presentations in Business  15 credits
A study of the principles and strategies of professional presentations in business and organisational settings. This will cover oral communication in a technological environment and include the use of computer-aided presentations and other media.

219.206  Communication and Technological Change  15 credits
This course explores the intersection between communication practice and technology, seeking a critical and contextual understanding of how technological innovation impacts on contemporary organisational and business communication.

219.209  Public Relations Practice  15 credits
An introductory study of public relations and its use to create and maintain communication between organisations and their internal and external publics. Theoretical and practical approaches are combined so that students are introduced to the diversity of contemporary public relations theory and techniques and have opportunities to develop key skills in practical assignments.

219.231  Introduction to Journalism  15 credits
Develop an understanding of the principles and practices of journalism including the fundamentals of newswriting and newsgathering.

219.234  Editing & Publishing  15 credits
Editing text for print and web publication including grammar, punctuation, clarity and style; and the principles of design and layout in publishing.

219.302  Gender and Communication in Organisations  15 credits
A critical examination of gender theories with an emphasis on the application of theory to practice for women in organisations. The course studies the way in which gender affects behaviour in organisations.

219.303  Organisational Communication  15 credits
This course draws on current research and theory to examine the communication process, practice and ethical considerations of organisations’ communication with their internal and external stakeholders.

219.304  Cross-Cultural Communication  15 credits
This course includes an examination of different kinds of cross-cultural encounters within New Zealand society and in international contexts.

219.305  Public Relations Management  15 credits
An in-depth study of public relations theory and practice. Emphasis is placed on strategic planning and key areas, including media relations, employee relations, government relations and issues management.

219.307  Interpersonal Communication  15 credits
This course explores the theories, methods and issues involved in the study of how human beings use language to communicate with one another in the course of their everyday working lives.

219.309  International Case Studies in Public Relations  15 credits
An examination of the practice and theory of public relations internationally, overviewing the increasingly global industry structure, comparing international theoretical approaches, and introducing specialist intercultural communication skills for internationally mobile public relations practice.

219.310  Speech Writing  15 credits
This course focuses on the art of writing interesting, strong and memorable speeches. Students will analyse some of the world’s greatest speeches, and practise applying the techniques to write speeches that audiences will find compelling. The curriculum will assist, but is not exclusively directed at, students pursuing careers in Communication Management and Public Relations.

219.311  Communication Internship  15 credits
This course provides students with a period of workplace experience with knowledge of communication concepts and terminology gained throughout their degree, in a series of analytical assessments.

219.312  Risk and Crisis Communication  15 credits
This course critically evaluates ways that organisations can manage reputational risk and communicate in response to crisis situations.

219.335  Media Law and Ethics  15 credits
Students develop an understanding of the process of making editorial decisions on matters of media law and ethics, including defamation, privacy and complaints about the media.

219.336  Investigative Reporting  15 credits
The issues and practical considerations involved in undertaking a major piece of investigative journalism. The role of the investigative journalist, a critical assessment of investigative articles, and writing a piece of investigative journalism.

219.339  History of Journalism  15 credits
A study of the development of print journalism in English since the 1500s, concentrating on developments in England, the United States and New Zealand. The course also considers the growing distinction between fact and fiction in reportage, the role of the journalist, and the impact of new media technologies.

219.340  Feature Writing and Freelancing  15 credits
A study of the theory and practice of professional feature writing. It will examine the process and develop skills necessary for producing freelance feature writing.

219.345  Strategic Communication Capstone  15 credits
This course integrates the theory and application of strategic communication concepts and methods.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>219.702</td>
<td>Management Communication</td>
<td>30</td>
</tr>
<tr>
<td>219.703</td>
<td>Advanced Business Communication</td>
<td>30</td>
</tr>
<tr>
<td>219.704</td>
<td>Advanced Cross-Cultural Communication</td>
<td>30</td>
</tr>
<tr>
<td>219.705</td>
<td>Advanced News Media Processes</td>
<td>30</td>
</tr>
<tr>
<td>219.706</td>
<td>Advanced Public Relations</td>
<td>30</td>
</tr>
<tr>
<td>219.707</td>
<td>Political Communication</td>
<td>30</td>
</tr>
<tr>
<td>219.708</td>
<td>Advanced Journalism Issues</td>
<td>30</td>
</tr>
<tr>
<td>219.709</td>
<td>Persuasive Communication Practice</td>
<td>30</td>
</tr>
<tr>
<td>219.710</td>
<td>Shorthand</td>
<td>0</td>
</tr>
<tr>
<td>219.711</td>
<td>Print News Journalism</td>
<td>30</td>
</tr>
<tr>
<td>219.712</td>
<td>Multi-media Journalism</td>
<td>30</td>
</tr>
<tr>
<td>219.713</td>
<td>Media Law, Ethics and Workplace Practice</td>
<td>30</td>
</tr>
<tr>
<td>219.714</td>
<td>Research Methods in Journalism</td>
<td>30</td>
</tr>
<tr>
<td>219.715</td>
<td>Public Relations Research Methods</td>
<td>15</td>
</tr>
<tr>
<td>219.716</td>
<td>Digital Innovation and PR Management</td>
<td>30</td>
</tr>
<tr>
<td>219.717</td>
<td>Reputational Risk and Ethics</td>
<td>30</td>
</tr>
<tr>
<td>219.718</td>
<td>Global Public Relations Management</td>
<td>30</td>
</tr>
<tr>
<td>219.719</td>
<td>Persuasive Communication Practice</td>
<td>30</td>
</tr>
<tr>
<td>219.720</td>
<td>Transdisciplinary Communication Research Methods</td>
<td>30</td>
</tr>
<tr>
<td>219.721</td>
<td>Research Methods in Communication</td>
<td>30</td>
</tr>
<tr>
<td>219.722</td>
<td>Applied Public Relations Project</td>
<td>45</td>
</tr>
<tr>
<td>219.723</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>219.724</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>219.725</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>219.726</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>219.727</td>
<td>Thesis 90 Credit Part 2</td>
<td>45</td>
</tr>
</tbody>
</table>
219.855 Master of Communication Research Project 60 credits
An applied research project involving the critical evaluation and application of selected research methodologies to address communication-related challenges.

219.887 Research Report 60 credits
Candidates are required to conduct a piece of independent research under supervision and to produce a report of the research for examination.

219.888 Professional Practice 60 credits
Candidates will undertake professional practice within the subject area in which the Master of Management is being completed. Professional Practice may be conducted either individually or in groups and assessment of the outcome of the investigation may be in a variety of ways including written and oral presentations and case studies.

219.889 Journalism Project 60 credits
Students investigate and write a supervised 5,000-word piece of long-form journalism on a matter of substance and a 10,000-word scholarly, reflective, critically analytical report.

219.890 Journalism Project (Part I) 30 credits
Students investigate and write a supervised 5,000-word piece of long-form journalism on a matter of substance and a 10,000-word scholarly, reflective, critically analytical report.

219.891 Journalism Project (Part II) 30 credits
Students investigate and write a supervised 5,000-word piece of long-form journalism on a matter of substance and a 10,000-word scholarly, reflective, critically analytical report.

219.893 Thesis 90 credits
A supervised and guided independent study resulting in a published work.

219.897 Thesis 120 Credit Part 1 60 credits
A supervised and guided independent study resulting in a published work.

219.898 Thesis 120 Credit Part 2 60 credits
A supervised and guided independent study resulting in a published work.

219.899 Thesis 120 credits
A supervised and guided independent study resulting in a published work.

219.900 PhD Communication and Journalism 120 credits

221 PHOTOGRAPHY

221.100 Photography as an Agent of Change 15 credits
In this studio course students from all disciplines will gain a grounding in photographic technologies and how they can be utilised in contemporary photographic practice. Students will explore the ongoing relationship photography has with social and political issues.

221.157 Studio I (Lens) 15 credits
In this studio course students will be introduced to creative and analytical thinking skills, idea generation and visualisation common to art and design practice. They will begin to acquire specific techniques, skills and processes in photographic image-making. They will learn to discuss and evaluate their work and the work of their peers.

221.213 Photographic Design Special Topic 30 credits
This course focuses upon one specific aspect of photography. Offerings may change from year to year and may not be offered in either or both semesters.

221.220 Photography and the Studio 15 credits
In this studio course students will learn controlled lighting techniques (in the studio and on location). They will develop a self-initiated lighting project in order to enrich other strands of their creative practice.

221.221 Photography and Digital Practices I 15 credits
In this studio course students will be introduced to photographic digital image manipulation techniques within a broader discussion of the veracity and consumption of digital photographs. They will develop a self-initiated project in response to their specific area of creative practice.

221.222 Photography and the Darkroom 15 credits
In this studio course students will be introduced to a variety of photographic analogue processes, which they will employ to produce a body of work. Selected darkroom and wet-based photographic techniques will be explored.

221.257 Design Studio II (Photography) 30 credits
In this studio course students will explore and articulate creative responses to project challenges through critical awareness of contextual issues. Students will develop and apply core techniques, skills and processes in photography.

221.258 Design Studio IIIB (Photography) 30 credits
In this studio course students will continue to explore and articulate creative responses to project challenges through critical inquiry into contemporary issues relevant to photography. Students will further develop and apply core techniques, skills and processes.

221.291 Photography Special Topic A 15 credits
This course focuses upon one specific aspect of photography. Offerings change from year to year and may not be offered in either or both semesters.

221.320 Photography and the Body 15 credits
This studio course engages with the human form as subject in photography and examines principles of lighting. It also explores the history of representation of the human form, taking in photographic portrait and approaches to fashion photography along with the central and sometimes controversial history of the nude.

221.321 Photography and Digital Practices II 15 credits
This studio course provides students from all disciplines with advanced knowledge in digital photographic technologies and how they can be utilised in contemporary photographic practice. Particular attention will be paid to colour theory, colour management and advanced photographic manipulation and output strategies.

221.357 Design Studio III (Photography) 30 credits
In this studio course students will establish a critical position through individual creative exploration and articulation. With opportunities for varied contextual applications, students will consolidate and expand photographic concepts, techniques, skills and processes in the production of their creative work.

221.358 Design Studio IIIIB (Photography) 30 credits
In this studio course students will negotiate a critical position through individual or collaborative professional practices, with opportunities to apply their specialist skills to a range of contexts. In addition to advancing photographic concepts, techniques, skills and processes in the production of their creative work, students will develop and apply transferable skills relevant to professional environments.

221.391 Photography Special Topic B 15 credits
This course focuses upon one specific aspect of photography. Offerings change from year to year and may not be offered in either or both semesters.

221.453 Photography Research and Development 30 credits
Research methods, practices and processes for Photographic Design and their application.

221.454 Photography Research Project 45 credits
Application and development of research to an independent Photographic Design project.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>222.103</td>
<td>15</td>
<td>Social Media Culture</td>
</tr>
<tr>
<td>222.104</td>
<td>15</td>
<td>Printmaking</td>
</tr>
<tr>
<td>222.157</td>
<td>15</td>
<td>Studio I (Screen)</td>
</tr>
<tr>
<td>222.158</td>
<td>15</td>
<td>Studio I (Type)</td>
</tr>
<tr>
<td>222.207</td>
<td>15</td>
<td>Bookmaking</td>
</tr>
<tr>
<td>222.208</td>
<td>15</td>
<td>Letterpress</td>
</tr>
<tr>
<td>222.221</td>
<td>15</td>
<td>Brand Communication</td>
</tr>
<tr>
<td>222.225</td>
<td>15</td>
<td>Story and Narration</td>
</tr>
<tr>
<td>222.232</td>
<td>15</td>
<td>Character Design</td>
</tr>
<tr>
<td>222.246</td>
<td>15</td>
<td>Icons, Pictograms and Symbols</td>
</tr>
<tr>
<td>222.248</td>
<td>15</td>
<td>Typographic Systems</td>
</tr>
<tr>
<td>222.257</td>
<td>30</td>
<td>Design Studio IIA (Visual Communication)</td>
</tr>
<tr>
<td>222.258</td>
<td>30</td>
<td>Design Studio IIB (Visual Communication)</td>
</tr>
<tr>
<td>222.290</td>
<td>15</td>
<td>Visual Communication Design Special Topic I</td>
</tr>
<tr>
<td>222.291</td>
<td>15</td>
<td>Visual Communication Design Special Topic II</td>
</tr>
<tr>
<td>222.300</td>
<td>15</td>
<td>Typeface Design</td>
</tr>
<tr>
<td>222.312</td>
<td>15</td>
<td>Art Direction</td>
</tr>
<tr>
<td>222.313</td>
<td>15</td>
<td>Copywriting</td>
</tr>
<tr>
<td>222.314</td>
<td>15</td>
<td>Strategies for Communication</td>
</tr>
</tbody>
</table>

**Visual Communication Design**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>222.455</td>
<td>45</td>
</tr>
<tr>
<td>222.456</td>
<td>15</td>
</tr>
<tr>
<td>222.457</td>
<td>15</td>
</tr>
<tr>
<td>222.495</td>
<td>15</td>
</tr>
</tbody>
</table>

**Offerings**

Offerings change from year to year or may not be offered in a particular year. The course focuses on one specific aspect of visual communication design.

**Supervised Independent Study**

Supervised independent student work on a negotiated topic related to photography involving the setting of objectives, research and/or project work and the presentation of appropriate written and/or practical outcomes.

*Back to Contents*
222.316 15 credits
Identity Systems
In this studio course students will explore and articulate design considerations particular to the articulation of corporate identity. Students will explore and expand identity design theory and practice, and develop production techniques, skills and processes to implement and manage an identity design.

222.326 15 credits
Sequential Art
In this studio course students will learn how to create visual narratives in sequential form. The emphasis will be on visual narrative construction for the picture book, with some contextual history of the genre. Production aspects include analogue and design techniques, continuity and image and text relationships.

222.333 15 credits
Concept Design for Imaginary Worlds
In this studio course students will learn how to represent ideas, characters, moods, scenes and scenarios which could be used in film, games or animations. Within this area of pre-production students will use both divergent and convergent approaches that will result in multiple concept options as well as technically resolved images.

222.347 15 credits
Editorial Design
In this studio course students will explore and articulate design considerations particular to managing editorial content. Students will develop and apply techniques, skills and processes in communicating through advanced typographic techniques and image composition.

222.348 15 credits
Narrative Information Design
In this studio course students will explore information design concepts and expand information design theory and practice. Complex information will be interpreted and translated into precise and accessible form for specific audiences.

222.349 15 credits
Wayshowing
In this studio course students will explore site-responsive graphic design concepts and expand environmental graphic design theory and practice. Navigational information will be interpreted and translated into precise and accessible messages within built environments.

222.357 30 credits
Design Studio IIIB (Visual Communication)
In this studio course students will establish a critical position through individual or collaborative professional practices, with opportunities to apply their specialist skills to a range of contexts. In addition to advancing visual communication design concepts, techniques, skills and processes in the production of their creative work.

222.358 30 credits
Design Studio IIIB (Visual Communication)
In this studio course students will establish a critical position through individual or collaborative creative exploration and articulation. With opportunities for varied contextual applications, students will consolidate and expand visual communication design concepts, techniques, skills and processes in the production of their creative work.

222.390 15 credits
Visual Communication Design Special Topic A
The course focuses on one specific aspect of visual communication design. Offerings change from year to year or may not be offered in a particular year.

222.391 15 credits
Visual Communication Design Special Topic B
The course focuses on one specific aspect of visual communication design. Offerings change from year to year or may not be offered in a particular year.

222.392 15 credits
Visual Communication Design Special Topic C

222.408 15 credits
Experiential Information Design
This course explores ways in which complex information can be interpreted and translated into sophisticated visual language through analytical and practical design enquiry.

222.409 15 credits
Contemporary Letterpress
In this studio course students will apply a visual research process of typography with historical and contemporary printing methods. Students will explore aesthetic and theoretical implications of hand presses, metal type, wood type and digital technologies in the creation of new hybrid visual communication.

222.411 15 credits
Art Direction for Advertising
Art direction strategies, methods and visual techniques for advertising and promotional communication.

222.413 15 credits
Rhetoric and Persuasion
In this studio course students will apply a research-informed investigation of persuasive strategies in their creative communication practice. Students will expand their strategic thinking through the exploration of persuasive techniques, argumentation, rhetorical theory and strategic positioning in their creative practice and presentation skills.

222.416 15 credits
Dynamic Identities
In this studio course students will apply a research-informed investigation of dynamic identities in their creative communication practice. Students will critically investigate how an organisation can lead and manage their brand experience through communication with images, words, motion sound and space.

222.417 15 credits
Image and Identity
In this course students will explore how designers lead and manage the branding process for organisations by communicating with images and words. How an organisation presents itself can be called its identity. How different audiences perceive this is can be called its image. Students research, explore, and develop a flexible design system for an organisation by creating a dynamic brand experience that can adapt to visual, interactive, and sensory modes.

222.425 15 credits
Illustration Studio Practice
Advanced exploration and application of illustrative processes, methods and strategies to a range of complex issues.

222.449 15 credits
Spatial Type
In this studio course students will apply a research-informed investigation of typography in spatial environments. Students will explore two and three dimensional typographic solutions that may include interpretive, navigational or informational typography.

222.453 30 credits
Visual Communication Design Research and Development
Application of research methods and processes to investigate social, cultural, aesthetic and technical issues and strategies in an approved visual communication design project.

222.454 45 credits
Visual Communication Design Research Project
Application of research to the development and production of an approved independent visual communication design project.

222.455 45 credits
Visual Communication Design Studio Project
Development and realisation of an approved visual communication design project.

222.490 15 credits
Visual Communication Design Special Topic D

222.491 15 credits
Visual Communication Design Special Topic E

222.492 15 credits
Digital Media Special Topic

222.494 15 credits
Graphic Design Special Topic

222.496 15 credits
Visual Communication Design Special Topic F

222.497 15 credits
Visual Communication Design Special Topic G

222.499 15 credits
Independent Visual Communication Design Study
Independent student work is undertaken on an approved course of study involving research and/or project work in visual communication design.
### TEXTILE DESIGN

**223.157**  
**Studio I (Material)**  
15 credits  
In this studio course students will be introduced to creative and analytical thinking skills, idea generation and visualisation common to art and design practice. They will begin to acquire specific techniques, skills and processes through the investigation of materials, form, surface, image and pattern for the design and making of textiles. They will learn to discuss and evaluate their work and the work of their peers.

**223.207**  
**Materials Lab**  
15 credits  
In this studio course students will be introduced to identification and testing of materials for design and performance. Students will analyse innovative, technical, and industrial materials for a wide range of design products and contexts through workshops and interaction with industry.

**223.211**  
**Fashion Textiles**  
15 credits  
This studio course introduces the design and creation of textiles for apparel. Students will explore a variety of textile techniques and processes, and their creative fashion application.

**223.228**  
**Textile Design Special Topic A**  
15 credits  
The course focuses on one specific aspect of textile design. Offerings change from year to year or may not be offered in a particular year.

**223.257**  
**Design Studio IIA (Textiles)**  
30 credits  
In this studio course students will explore and articulate creative responses to design challenges through critical awareness of contextual issues. Students will develop and apply core techniques, skills and processes in textile design.

**223.258**  
**Design Studio IIB (Textiles)**  
30 credits  
In this studio course students will continue to explore and articulate creative responses to design challenges through critical inquiry into contemporary issues relevant to textile design. Students will further develop and apply core design techniques, skills and processes.

**223.301**  
**Contemporary Wallcoverings**  
15 credits  
In this studio course students will design and develop collections for wallpaper and wall coverings, with emphasis on creative investigation and forecasting.

**223.312**  
**Textile Interactions**  
15 credits  
In this studio course students will explore the design, development and construction of textiles for installation, exhibition or performance.

**223.328**  
**Textile Design Special Topic B**  
15 credits  
The course focuses on one specific aspect of textile design. Offerings change from year to year or may not be offered in a particular year.

**223.357**  
**Design Studio IIIA (Textiles)**  
30 credits  
In this studio course students will establish a critical position through individual or collaborative creative exploration and articulation. With opportunities for varied contextual applications, students will consolidate and expand textile design concepts, techniques, skills and processes in the production of their creative work.

**223.358**  
**Design Studio IIB (Textiles)**  
30 credits  
In this studio course students will negotiate a critical position through individual or collaborative professional practices, with opportunities to apply their specialist skills to a range of contexts. In addition to advancing textile design concepts, techniques, skills and processes in the production of their creative work, students will develop and apply transferable skills relevant to professional environments.

**223.407**  
**Materials Research and Experimentation**  
15 credits  
In this studio course students will apply a research-informed exploration and critical evaluation of new or specialised textiles and products for design. This investigation can include the creation of new and innovative materials.

**223.411**  
**Embroidered Textiles**  
15 credits  
Students will explore embroidery and advanced technologies for the production of innovative fashion textiles.

**223.412**  
**Sustainable Colouration**  
15 credits  
Students will explore contemporary design concepts using sustainable dye processing and advanced technology to colour and pattern textiles.

**223.453**  
**Textile Design Research and Development**  
30 credits  
Research methods processes and practices for Textile Design and their application through a research project.

**223.454**  
**Textile Design Research Project**  
45 credits  
Application of research to the development and production of an approved textile design project.

**223.455**  
**Textile Design Studio Project**  
45 credits  
Development and realisation of an advanced textile design project.

**223.490**  
**Textile Design Special Topic C**  
15 credits  

**223.491**  
**Textile Design Special Topic D**  
15 credits  

**223.495**  
**Textile Design Independent Study**  
15 credits  
Supervised independent student work on a negotiated topic related to textile design involving the setting of objectives, research and/or project work and the presentation of appropriate written and/or practical outcomes.

### SPATIAL DESIGN

**224.157**  
**Studio I (Space)**  
15 credits  
In this studio course students will be introduced to creative and analytical thinking skills, idea generation and visualisation common to art and design practice. They will begin to acquire specific techniques, skills and processes for the definition and investigation of physical, temporal and digital spatial environments and their inhabitation. They will learn to discuss and evaluate their work and the work of their peers.

**224.204**  
**Design for Performance**  
15 credits  
In this studio course students will explore the design and making of performances and their settings. Students will apply their investigations through the design or production of performance experiences and events.

**224.205**  
**Design for Display**  
15 credits  
In this studio course students will investigate concepts for display and design strategies for exhibitions as temporary interventions in public space.

**224.257**  
**Design Studio IIA (Spatial)**  
30 credits  
In this studio course students will explore and articulate creative responses to design challenges through critical inquiry into contemporary issues relevant to spatial design. Students will further develop and apply core design techniques, skills and processes.

**224.258**  
**Design Studio IIB (Spatial)**  
30 credits  
In this studio course students will continue to explore and articulate creative responses to design challenges through critical inquiry into contemporary issues relevant to spatial design. Students will further develop and apply core design techniques, skills and processes.

**224.302**  
**Spatial Design Special Topic A**  
15 credits  
The course focuses on one specific aspect of spatial design. Offerings may change from year to year or may not be offered in a particular year.

**224.303**  
**Spatial Design Special Topic B**  
15 credits  
The course focuses on one specific aspect of spatial design. Offerings may change from year to year or may not be offered in a particular year.
**VETERINARY SCIENCE**

**227.110**
**Farm Practical Training**
A week-long practicum during which students will learn practical skills for working with livestock, farm safety and understanding farm-level agricultural economics.

**227.111**
**Biochemistry for Veterinary Science**
A study of cellular processes at the molecular level: Proteins, enzymes and membranes. Energy changes in chemical reactions. Description of the major processes of carbohydrate, lipid and amino acid metabolism. Integration and regulation of metabolism in animals.

**227.112**
**Veterinary Structure & Function I**
This course considers the basic concepts that underpin the study of structure and function of domestic animals. Following this introductory component, the locomotor systems are examined in detail. This course will lead into the structure and function course delivered in BVSc 2 and together these courses will consider all relevant aspects of the structure and function of the domestic animals.

**227.113**
**Animal Production, Behaviour, Welfare and Handling**
The animal industries and the principles of ethology and animal welfare and their application to domestication, husbandry and production of farm, companion and sport animals and veterinary science. The principles and practice of safe animal handling and restraint. The diagnosis, treatment and prevention of animal behaviour problems.

**227.114**
**Veterinary Professional Studies**
An introduction to the professional and personal aspects of being a veterinarian, including obligations to themselves, their colleagues, their profession and society. This course emphasises the non-technical aspects of veterinary science and encourages an holistic view of the profession whilst equipping students with the tools to function effectively as a collegiate and effective veterinarian.

**227.115**
**Integrative Studies in Veterinary Science I**
This course is the first in a series of integrative and contextualizing studies that will extend through Years 1 to 4 of the BVSc programme. A case- and problem-based approach to the integration of concurrent veterinary learning will be undertaken at a level appropriate to that of a first year veterinary student. Students will be encouraged to develop a variety of problem solving strategies and professional competencies through the analysis of a broad range of clinical situations.

**227.211**
**Veterinary Structure and Function II**
This course follows on from Structure and Function I in BVSc 1. Together the two courses will examine in detail all relevant aspects of the structure and function of the domestic animals. Topics dealt with in this course will include: the thorax; abdomen; head and central nervous system. Comparative studies of aspects of structure and function that show significant variation between the domestic animals.

**227.212**
**Animal Production for Veterinarians I**
Introduction to animal nutrition (monogastric and ruminant), including feed analysis. Pastoral livestock production systems, including the growth and management of pasture as an animal feed. Soil resources, the environmental impacts of pastoral agriculture and consideration of the various animal industries. Animal genetics and breeding.

**227.213**
**Introductory Veterinary Clinical Studies I**
An introductory course in handling, examining, recording and interpreting findings in common species of domestic animals. Recognition of the normal animal, taking routine samples for diagnosis and problem based approach to diagnosis. Fundamentals of veterinary epidemiology; application of epidemiological principles to simple population medicine problems.

**227.214**
**Integrative Studies in Veterinary Science II**
This course is the second in a series of integrative and contextualizing studies that will extend through Years 1 to 4 of the BVSc programme. A case- and problem-based approach to the integration of concurrent veterinary learning will be undertaken at a level appropriate to that of a second year veterinary student. Aspects of this course will particularly focus on the integration of biochemistry with animal science, physiology and disease processes. Students will be encouraged to develop a variety of problem solving strategies and professional competencies through the analysis of a broad range of clinical situations.

**227.215**
**Animal Production for Veterinarians II**
Ruminant production systems (including dairy and beef cattle, sheep, goats, deer); application of knowledge related to nutrition, growth, reproduction, genetics, lactation and management of young and adult stock.

**227.216**
**Veterinary Infectious and Parasitic Diseases I**
An introduction to the viral, bacterial and parasitic pathogens of animals. The basic biology of various infectious agents, with an emphasis on how the basic characteristics of different pathogens relate to their ability to survive in nature. Further development of the principles of epidemiology, diagnosis and control of infectious diseases of veterinary importance that were introduced in Introductory Veterinary Clinical Studies I.

**227.217**
**Integrative Studies in Veterinary Science III**
This course is the third in a series of integrative and contextualizing studies that will extend through Years 1 to 4 of the BVSc programme. A case- and
problem-based approach to the integration of concurrent and previous veterinary learning will be undertaken at a level appropriate to that of a second year veterinary student. Aspects of this course will particularly focus on how perturbations of the gastro-intestinal system cause disease; and upon an ability to interpret primary research results. Students will be encouraged to develop a variety of problem solving strategies and professional competencies through the analysis of a broad range of clinical situations.

227.310 0 credits
BVSc Farm Practical Work
In this course students will undertake farm work in cattle, sheep, horse and other livestock industries. Students will develop practical animal skills, and skills in observation, identification, analysis and communication.

227.311 22 credits
Farm Animal Population Health and Production
The role of the veterinarian as a key agricultural advisor. Causes and investigation of sub-optimal health and production in farmed species, focusing on groups of animals rather than individuals. Relationships between farm management, husbandry, productivity, health and welfare. Treatment and prevention of sub-optimal health and production, including consideration of costs and benefits.

227.312 19 credits
Veterinary Infectious and Parasitic Diseases II
This course extends the material covered in Veterinary Infectious and Parasitic Diseases I by covering the viral, bacterial, fungal, helminth, arthropod and protozoal pathogens of animals and their role in infectious disease and zoonosis. Epidemiology, pathogenesis, diagnosis, prevention, treatment and control of infectious diseases and the immunology of vertebrate hosts. Zoonoses, the role of the veterinarian in emerging diseases, introduction to veterinary public health.

227.313 21 credits
Veterinary Anatomic and Clinical Pathology I
General pathology. Anatomic and clinical pathology of body systems, including pathophysiology, gross and microscopic lesions. Interpretation of necropsy and laboratory test results (including haematology, serum biochemistry, urinalysis, serology, histology and cytology) for the diagnosis of disease. Specimen collection and handling, test selection, and performance of basic laboratory tests.

227.314 16 credits
Introductory Veterinary Clinical Studies II
This course provides the basic principles and skills which are the foundation of clinical work. It covers the principles of pharmacology which provide the basis for therapeutics, the principles of anaesthesia and the skills required to use anaesthetic equipment, the principles of surgery and the basic skills required, the different methods for imaging animals, with emphasis on radiology and the practical aspects of taking and interpreting diagnostic radiographs.

227.316 18 credits
Small Animal and Equine Medicine, Surgery and Therapeutics I
The first of a series of three courses that covers aetiology, pathogenesis, diagnosis and treatment of common and important medical and surgical conditions of companion animals (including equine and small mammals) and wildlife. The course particularly focuses upon the integumentary system, avian medicine and small mammals. In addition, it covers toxicology, ophthalmology, dentistry and nutrition.

227.317 12 credits
Integrative Studies in Veterinary Science V
This course is the fifth in a series of integrative and contextualizing studies that will extend through Years 1 to 4 of the BVSc programme. A case- and problem-based approach to the integration of concurrent and previous veterinary learning will be undertaken at a level appropriate to that of a third year veterinary student. This course will particularly focus on the interaction between therapeutic substances and disease states, alongside the development of professional behaviours. Students will be encouraged to develop a variety of problem solving strategies and professional competencies through the analysis of a broad range of clinical situations.

227.325 12 credits
Integrative Studies in Veterinary Science IV
This course is the fourth in a series of integrative and contextualising studies in the BVSc. Students will identify problems related to veterinary science and investigate these through direct (e.g. field studies) or indirect (e.g. literature) research, at a level appropriate to a third year veterinary student. Students will develop problem solving strategies and professional competencies, including scientific writing.

227.410 0 credits
BVSc Veterinary Practical Work
During this course, students will undertake practical work in external veterinary practices under the supervision of a registered veterinarian, to develop clinical skills and gain experience of client-based veterinary practice.

227.411 16 credits
Veterinary Anatomic and Clinical Pathology II
Further study of anatomic and clinical pathology of additional body systems which builds upon and extends information given in Veterinary Anatomic and Clinical Pathology I. Pathophysiology, gross and microscopic lesions. Interpretation of necropsy and laboratory test results (including haematology, serum biochemistry, urinalysis, serology, histology and cytology) for the diagnosis of disease. Specimen collection and handling, test selection, and performance of basic laboratory tests.

227.412 6 credits
Integrative Studies in Infectious Diseases
Integrate and apply knowledge and skills acquired in previous years in order to effectively diagnose, manage and control infectious and parasitic diseases in real and simulated scenarios.

227.413 12 credits
Integrative Studies in Infectious Diseases II
The second of a series of three courses that covers aetiology, pathogenesis, diagnosis and treatment of common and important medical and surgical conditions of companion animals. The course particularly focuses on gastroenterology and the urogenital and endocrine systems of cats, dogs and horses. The application of surgical and anaesthetic principles in teaching laboratories is designed to develop competence in simple elective surgical and anaesthetic procedures.

227.414 25 credits
Small Animal and Equine Medicine, Surgery and Therapeutics II
The final of a series of three courses that covers aetiology, pathogenesis, diagnosis and treatment of common and important medical and surgical conditions of companion animals (including equids). The course particularly focuses upon the cardio-respiratory systems, the haemo-lymphatic system, the musculo-skeletal system, neurology and oncology of companion animals (including equids and small mammals) and wildlife. The course particularly focuses upon the integumentary system, avian medicine and small mammals. In addition, it covers toxicology, ophthalmology, dentistry and nutrition.

227.415 12 credits
Production Animal Medicine and Veterinary Public Health
Integration of veterinary medicine and whole farm systems. Farm management and production systems and the relationship between management systems, productivity and patterns of disease. The development of health and production programmes to minimise disease and maximise animal production. The principles and practical applications of veterinary public health, meat hygiene and quality assurance programmes.

227.417 25 credits
Small Animal and Equine Medicine, Surgery and Therapeutics III
Small Animal and Equine Medicine, Surgery and Therapeutics III
The final of a series of three courses that covers aetiology, pathogenesis, diagnosis and treatment of common and important medical and surgical conditions of companion animals (including equids). The course particularly focuses upon the cardio-respiratory systems, the haemo-lymphatic system, the musculo-skeletal system, neurology and oncology of companion animals (including equids and small mammals) and wildlife. The course particularly focuses upon the integumentary system, avian medicine and small mammals. In addition, it covers toxicology, ophthalmology, dentistry and nutrition.

227.418 12 credits
Integrative Studies in Veterinary Science VII
This capstone course is the final in a series of 7 courses in integrative and contextualizing studies that have extended through Years 1 to 4 of the BVSc programme. A case- and problem-based approach to the integration of concurrent and previous veterinary learning will be undertaken at a level appropriate to that of a pre-final year veterinary student. This course will particularly focus on the professional abilities of students, and their ability to synthesise heuristic ‘illness scripts’ and other intellectual shortcuts based upon the precepts of diagnostic reasoning. Students will be encouraged to develop a variety of problem solving strategies and professional competencies through the analysis of a broad range of clinical situations.

227.425 12 credits
Integrative Studies in Veterinary Science VI
This course is the sixth in a series of integrative and contextualising studies in the BVSc. A case- and problem-based approach to the integration of concurrent and previous veterinary learning will be undertaken at a level appropriate to a fourth year veterinary student. Students will develop problem solving strategies and professional competencies through the analysis of a range of clinical situations.
COURSE DETAILS

TECHNOLOGY AND ENGINEERING

228.110 0 credits
Practicum I
Working in an industrial or commercial setting to gain real experience and apply knowledge, providing a foundation for a future career in industry. Continued development of the skills required to become a professional engineer and technologist.

ENGINEERING

228.111 15 credits
Engineering Practice 1: Global Perspectives
Engineering is the application of mathematics, science and technology principles, integrated with business and management, to develop and provide products and processes for industry and the community. This course allows you to develop your creative skills and encourages a thirst for knowledge. The development of engineering design, prototyping, teamwork and communication through design form an integral part of this project focused course.

228.112 15 credits
Engineering Practice 2: Creative Solutions
Engineering is the application of mathematics, science and technology principles, integrated with business and management, to develop and provide products and processes for industry and the community. This course allows you to develop your creative skills and encourages a thirst for knowledge. The development of engineering design, prototyping, teamwork and communication through design form an integral part of this project focused course.

228.153 15 credits
Introductory Engineering Studies
A broad description of the nature of engineering and technology and the roles of engineers and technologists in society and industry. The range of engineering and technology disciplines will be presented together with an introduction to the core skills of practitioners including some fundamentals of engineering science, teamwork and presentation skills.

228.171 15 credits
Engineering Mathematics 1A
This course provides a solid mathematical foundation for further studies in engineering and technology. It consolidates basic concepts and introduces more advanced material on differentiation and numerical techniques, enabling the formation of mathematical models of real-world problems. The course blends topics from calculus with those from linear algebra and includes matrices, linear equations, vectors and geometry.

228.172 15 credits
Engineering Mathematics 1B
This course builds on the foundation provided by 228.171. Together these courses provide a mathematical platform for more advanced studies in engineering and technology. The topics are a blend of calculus and linear algebra, including complex numbers, linear transformations, eigenvectors, advanced techniques of integration, differential equations and applications.

TECHNOLOGY AND ENGINEERING

228.210 0 credits
Practicum II
Working in an industrial or commercial setting to gain real experience and apply knowledge, providing a foundation for a future career in industry. Continued development of the skills required to become a professional engineer and technologist.

ENGINEERING

228.211 15 credits
Engineering Practice 3: Product Development
The development of new and improved products is a key role of most practicing engineers. This course provides the structured process and tools required for successful product development in the context of an applied project.

228.212 15 credits
Engineering Practice 4: Materials & Manufacturing
The design and development of solutions to engineering problems with ‘concurrent engineering’ capability is a core activity for engineers. A practical course with emphasis on integrating materials and manufacturing process selection into a structured design methodology based on the application of engineering and scientific principles.

AGRICULTURAL ENGINEERING

228.251 15 credits
Sustainable Energy Systems
A study of current and future energy supplies to New Zealand society and industry with particular emphasis on renewable energy sources such as solar, wind and biomass. Energy management and conservation. The use of energy, including electrical reticulation, liquid transport fuels, heating, cooling, cogeneration and remote area power supply systems. Energy costs and environmental implications. Related laboratory work.

ENGINEERING

228.271 15 credits
Engineering Mathematics 2
This is a core course that provides key mathematical tools for modelling and analysing engineering problems. These tools represent a balance of stochastic and deterministic modelling approaches along with their mathematical underpinnings. Topics include random variables and distributions; analytical and numerical solution methods for linear systems of ordinary differential equations including Laplace transform techniques; sensitivity analysis, optimization, curve-fitting and interpolation for data sets.

TECHNOLOGY AND ENGINEERING

228.310 0 credits
Practicum III
Working in an industrial or commercial setting to gain real experience and apply knowledge, providing a foundation for a future career in industry. Continued development of the skills required to become a professional engineer and technologist.

ENGINEERING

228.311 30 credits
Engineering Practice 5: Engineering Design with Constraints
Technology must be effectively interfaced with society and the environment to succeed. Overarching social and environmental constraints are applied, including impact assessment and efficiency analysis tools. Project based learning is undertaken on the sustainable design of a consumer product underpinned by appropriate technical knowledge.

228.312 30 credits
Engineering Practice 5: Process Engineering with Constraints
Technology must be effectively interfaced with society and the environment to succeed. Overarching social and environmental constraints are applied, including impact assessment and efficiency analysis tools. Project based learning is undertaken on the sustainable design of a consumer product underpinned by appropriate technical knowledge.

228.371 15 credits
Statistical Modelling for Engineers and Technologists
This is a core course that provides essential grounding in statistical inference and testing engineering questions of practical interest.

228.711 30 credits
Engineering Practice 6: Design Capstone Project
This course marks the culmination of the BEng(Hons) degree, that integrates the skills and knowledge acquired throughout the programme. It places specific emphasis on a commercial basis for complex engineering problem solving where success will be measured not only by the elegance of the engineering solution but also by the appropriateness of that solution within a defined commercial context.
228.733 15 credits
Packaging Technology II
Packaging design is strongly influenced by product manufacture, supply chain and societal drivers. This course investigates the interactions between these drivers with respect to environment, legislation, package and product safety, packing line and distribution systems.

228.734 15 credits
Packaging Design Technology
The application of product development methodology to package and packaging systems for products, including elements of two- and three-dimensional design, application of graphics design, and the interaction between graphics and package design. The relationship between the package and product marketing is explored including consumer evaluation techniques.

228.735 15 credits
Packaging Technology III
Appropriate packaging design for product shelf life and equipment used to fill and pack liquids, solids and powder products. The impact of new and developing technology on packaging design is explored.

228.736 15 credits
Fast-Moving Consumer Goods Packaging
This course explores packaging systems for Fast Moving Consumer Goods (FMCG), including the driving forces for their development, with examples by industry sectors including dairy, meat, horticultural, pharmaceutical and personal care.

228.737 15 credits
Packaging Materials I
The basic functions of packaging and their relationship to the needs and demands of society is explored. The function and manufacturing of packaging materials including paper, cardboard, corrugated fibreboard and plastics are covered. Basic properties will be reviewed in relation to packaging performance. This course will introduce the mechanics of materials, including stress, tension, compression and shear.

228.738 15 credits
Packaging Materials II
This course covers glass and metal packaging materials. Students will gain an understanding of how these packaging materials are manufactured and how the packaging is formed. The basic properties of these materials are reviewed in relation to their packaging performance. A broad introduction to active and intelligent packaging systems is also provided.

228.740 15 credits
Energy Policy
The objective of this unit is to provide an understanding of the public policy processes and institutions that give rise to the shape, direction and outcomes in the energy sector. The sources of energy policy objectives are explored and the range of policy instruments to achieve such objectives is outlined. Political and economic drivers of policy formation are explored in the areas of fossil fuel policy, nuclear energy, the global environment, renewable energy, and energy sustainability.

228.741 15 credits
Energy Systems
An introduction to the design and operation of energy conversion and supply systems. The focus is on the principal small-to-medium scale energy systems currently in use in Australia. Key areas covered include engine-based RAPS systems, hybrid systems, photovoltaic systems, wind power systems and solar thermal systems. Co-generation systems, fuel cells and microhydro systems are also considered.

228.742 15 credits
Energy Economics
Covers the economic theory relevant to the energy sector, including discounted cash flow analysis, levelised cost, benefit-cost analysis and the internalising of externalities. Another major topic will be price determination and risk management. Attention is given to open access to energy facilities, the taxation of the energy sector, and the role of public utilities and government industry regulators. The unit emphasises that the role of the market should always be considered within the broader ecological and social context.

228.743 15 credits
Energy Management
A study of the efficient use of energy in buildings, factories and transport systems; techniques for measuring and monitoring energy use; approaches to optimising the performance of electrical appliances and systems; design principles to minimise energy use in buildings and devices and an assessment of the relative costs of energy conservation and energy production in various applications. The unit will include an energy audit and a project report on the results and conclusions.

228.744 15 credits
Case Studies of Renewable Energy Systems
Through a set of case studies of renewable energy systems the principles of innovation, project management, demonstration and commercialisation are developed. These studies include grid connected and remote area applications of the major renewable energy technologies. The unit also includes a review of the renewable energy industry, the financing of major projects and a discussion of evaluation methods for renewable energy projects.

228.745 15 credits
Renewable Energy Conversion Devices
This unit describes the principles of operation, the design, and the particular installation requirements of the major renewable energy power generation devices, including photovoltaic cells, wind turbines, and solar thermal collectors. The devices used to convert or control power flows within systems are also discussed in terms of their function and operational requirements. These include inverters, maximum power point trackers and battery charge controllers. The various energy storage options are also discussed.

228.746 15 credits
Renewable Energy Resources
This unit explores the energy resources such as solar radiation, wind, hydro, tidal, wave and biomass. The methods for measuring, monitoring and analysing these resources are described and some practical sessions are undertaken to illustrate these procedures. Principles for undertaking a resource assessment for a particular site are presented. This includes sources of data, analysis of that data and estimation of data when actual data is not available.

228.747 15 credits
Renewable Energy Systems Design
This unit focuses on the design of renewable energy systems and in particular, on estimating the performance and economics of such systems. It will focus heavily on the use of computer-based design and simulation programs to estimate these parameters. The input data requirements, method of operation, and strengths and weaknesses of these computer-based tools will be presented. Students will use many of these computer-based tools to solve component sizing and design problems.

228.748 15 credits
Climate Change Science and Policy
This course addresses the scientific, technological and policy aspects of climate change. This is a dynamic and controversial area and the subject matter is changing. Students are required to keep up to date with the latest research and policy developments. The unit will include an energy audit and a project report on the results and conclusions.

228.750 15 credits
Renewable Energy and Sustainable Development
Addresses the challenges of assessing, designing, introducing and maintaining small scale renewable energy technologies in developing countries, particularly in rural areas. It is here that the big increases in global population and energy demand are predicted to occur over the coming two decades. Views the problem in a holistic, rather than a purely technical way. Adopts a broad description of what constitutes renewable energy technology since most energy in developing countries rural areas is currently derived from traditional sustainable sources.

228.755 15 credits
Sustainable Energy Systems and Society
An overview of low carbon, clean energy, energy efficiency and renewable energy systems from a global perspective that can provide energy services to society in relation to targets for reduction of greenhouse gas emissions and climate change impacts. Scenario evaluations of energy supply and demand options, food supply issues, social and environmental co-benefits, policy drivers and links to energy security and sustainable development will be studied.

228.756 15 credits
Energy Efficiency (Systems Analysis and Auditing)
Energy survey techniques and auditing, mass and energy balances, thermodynamics, energy analysis, air psychrometrics, heat transfer, introductory process integration (pinch technology).
Energy Efficiency (Industrial and Commercial Technology) 15 credits
Advanced process integration (pinch technology), heat exchangers, cogeneration, boilers, supply of mechanical power (including electric motors), refrigeration and heat pumps, pumps and fans, dryers, some selected separation and concentration processes.

Integrative Energy Resource Planning 15 credits
Analytical concepts and tools necessary to approach the problem of planning an adequate energy supply and demand balance across an economy at the local, national or regional levels. Use of Integrative Resource Planning methodology as a tool for the systematic analysis of the energetic, environmental and economic costs and benefits of future energy alternatives.

Greenhouse Gas Mitigation Analysis 15 credits
Principles of greenhouse gas accounting and the application of sound and verifiable analysis for greenhouse gas mitigation projects. The evolution of registered and voluntary carbon markets and the development of international monitoring and verification protocols. Examples from selected greenhouse gas mitigation projects including Kyoto-compliant verified emission reductions (VERs), certified emission reduction and other GHG-offsets traded on international carbon markets.

Energy-Efficient Building Design 15 credits
This unit examines approaches to reducing energy consumption in residential and commercial buildings resulting from the design and use of the building and its energy services. The unit covers the principles of energy efficient building design as well as use and interpretation of energy and sustainability audits. Identification of options for reducing energy use through renovation and retrofitting as well as occupant behaviour are also covered.

Special Topic 15 credits

Special Topic 30 credits

Research Methods in Engineering 15 credits
Research methods for students in engineering and technology. Topics include: statistical design of research experiments and hypothesis testing; use of statistical models to test engineering questions; data analysis; literature searches; development of research proposals; critical assessment of scientific literature.

Individual Research Project 30 credits
A comprehensive study of a specific area of engineering or technology employing appropriate research practice to derive recommendations with respect to a pre-determined hypothesis.

Research Report 45 credits
A research dissertation on an agreed topic.

Research Report 30 credits
Research in a defined area of Technology and Engineering.

Research Report 60 credits

Research Report 60 credits

Thesis 120 Credit Part 1 60 credits
A supervised and guided independent study resulting in a published work.

Thesis 120 Credit Part 2 60 credits
A supervised and guided independent study resulting in a published work.

Thesis 120 credits
A supervised and guided independent study resulting in a published work.

Tu Kupu: Writing and Inquiry 15 credits
This course introduces students to cultures of writing and inquiry in the Humanities and Social Sciences. It is designed to help students write effectively at undergraduate level by practising a variety of writing tasks, including analytical, persuasive, and research-based writing and argumentation. Students will learn practices of writing, research, peer-review and revision that have application in the university and broader contexts.

Tu Arohae: Critical Thinking 15 credits
This course develops students’ foundational analytical and critical thinking skills. It is designed to provide students in any discipline with the ability to describe, evaluate, and generate reasoning / arguments effectively, appropriately, and sympathetically, alongside an understanding of the hidden complexities inherent in this approach and its limits when employed as a form of persuasion.

Tu Rangaranga: Global Encounters 15 credits
The course explores our connections, impacts, and roles in the world, and our rights and responsibilities as global citizens. It examines what citizenship means in 21st century Aotearoa/NZ, given its history, cultural diversity, and place in the global arena. The course introduces the notion of global citizenship, and explores the relationship between individuals and collective action in addressing global problems.

Tu Rangaranga: Global Encounters 15 credits
The course explores our connections, impacts, and roles in the world, and our rights and responsibilities as global citizens. It examines what citizenship means in 21st century Aotearoa/NZ, given its history, cultural diversity, and place in the global arena. The course introduces the notion of global citizenship, and explores the relationship between individuals and collective action in addressing global problems.

Foundation Humanities 15 credits
An introduction to a number of humanities disciplines and subject areas through study of the underlying philosophies and values of the humanities.

Foundation Social Sciences 15 credits
An introduction to the concepts, methods and scope of the Social Sciences through study of contemporary social issues in Aotearoa/ New Zealand and in global contexts.

Pacific Peoples in New Zealand 15 credits
An introduction to the distinctive cultures of Pacific Peoples in New Zealand. Students will develop an understanding of core values, traditions, cultural protocols, social processes and world views that are characteristic of Pacific cultures in the New Zealand context.

Turangawaewae: Identity & Belonging in Aotearoa NZ 15 credits
This course examines formations of identity and belonging in relation to concepts of place and turangawaewae (‘standing place’). The multiple factors shaping identity formation, citizenship and public engagement will be explored, and students will develop awareness of and reflect on diverse perspectives regarding identity and citizenship, and apply this understanding to analyse issues in contemporary New Zealand society.
development and application of research skills, problem-solving skills, and ethical awareness in addressing practical issues.

230.391 Special Topic HSS 15 credits

230.392 Special Topic Humanities & Social Sciences 15 credits

230.701 Evaluation: Theory and Principles 30 credits

An advanced examination of the context, theories, and principles of evaluation research, and what it means to undertake evaluative activity in a range of social sector settings.

230.702 Professional Evaluation Practice 30 credits

An advanced level focus on what ‘supports the craft’ of evaluation practice: roles and expectations, professional management, ethical practice, innovation, and dissemination of findings.

230.703 Techniques and Methods in Evaluation Research 30 credits

An in-depth examination of a range of qualitative, quantitative, mixed and innovative methods, skills and techniques as they would be applied to practical, ‘real-life’ evaluation questions.

230.704 Public Policy Analytics: Methodology, Design and Data 30 credits

The course equips students with an understanding of methodology, research design, data management and the application of analytics in a public policy setting.

230.705 Interpretation in Geospatial Analytics 15 credits

An advanced interpretation of the theory and application of geospatial data analytics applied in public policy contexts. Case studies provide practical examples.

230.706 Integrated Data Infrastructure 15 credits

An advanced interpretation of the theory and application of integrated data infrastructure analytics applied in public policy contexts. Case studies provide practical examples.

230.791 Special Topic Humanities & Social Sciences 30 credits

230.792 Special Topic Humanities & Social Sciences 30 credits

230.793 Special Topic Humanities & Social Sciences 15 credits

230.794 Special Topic Humanities & Social Sciences 15 credits

231

PUBLIC HEALTH

231.100 Introduction to Public Health and Health Promotion 15 credits

An introduction to the breadth of public health activity focussing on the New Zealand context.

231.101 Introduction to Public Health and Research 15 credits

An introduction to public health concepts and health systems that are both internationally recognizable and of local importance to New Zealand. This course discusses the scope of public health practice and what influences population health in contemporary environments. Innovative approaches to public health research will be covered and emphasise those that constitute best practice in New Zealand.

231.102 Determinants of Health 15 credits

An introduction to health inequalities in New Zealand. A basic understanding of the structural, social, economic and cultural determinants of health is covered. The relationship between inequity and health and the role of concepts like cultural safety and cultural competency to public health practice will also be discussed.

231.103 Public Health Development and Evaluation 15 credits

An introduction to key international and local frameworks used in public health practice eg, Te Tiriti o Waitangi, Ottawa Charter and WHO social determinants frameworks. Their application to community development, health promotion and community action will be discussed. Values and diverse models of health will be explored. Basic concepts of evaluation will be applied in relation to public health practice.

231.104 Public Health Policy and Advocacy 15 credits

An introduction to promoting and protecting public health based on an understanding of the influence of public health policy and advocacy on public health outcomes.

231.105 An Introduction to New Zealand's Health Systems 15 credits

An introduction to the people, roles, organisations and policies comprising New Zealand’s health system in the 21st Century.

231.106 Introduction to Public Health 15 credits

An introduction to public health principles, perspectives, stakeholders and practices that are both internationally recognisable and of local importance to New Zealand.

231.107 Social Determinants of Health 15 credits

This course explores the social determinants of health, the complex range of social, cultural and economic interactions that influence individual and population health and help explain health disparities amongst populations.

231.108 Health Intervention Management 15 credits

This course introduces a systematic and evidence-based approach to health intervention management relevant to diverse health professional practice.

231.200 Theories and Models of Health Promotion 15 credits

An opportunity for students to explore the theoretical foundation of community and population-based health promotion and mental health promotion. The course emphasises the application of models and theories to public health programmes and policies.

231.201 Global Health Promotion 15 credits

The course will examine the impacts on health of economics, technology, geography, politics, social movements, conflicts and diversity and review the global responses to improving health outcomes and reducing health inequalities.

231.203 Pacific Health and Health Inequalities 15 credits

The course examines the social, economic, cultural and biological determinants of health relevant for the health and wellbeing of Pacific people living in New Zealand.

231.205 Health Protection 15 credits

The course focuses on the principles and practice of health protection at the national, regional and local level.

HEALTH

231.206 Health inequalities and Maori Health 15 credits

An exploration of social and political influences on contemporary debates in relation to health determinants, health inequalities, health care and Maori health in New Zealand.

PUBLIC HEALTH

231.301 Health Protection, Monitoring and Surveillance 15 credits

The course introduces the application of surveillance and monitoring systems for the prevention and control of disease and the planning, implementation and evaluation of public health practice.

231.302 Contemporary Issues in Public Health 15 credits

The course will address the major current communicable and non-communicable diseases in a variety of settings.
231.305  15 credits
**Public Health Evaluation**
An introduction to approaches for evaluating public health and health promotion programmes and systems change.

231.307  15 credits
**Intervention Research and Design**
A practical exploration of approaches and tools for designing interventions in public health and health promotion.

231.308  15 credits
**Health Promotion Advocacy**
An analysis of approaches to advocacy in health promotion with a particular focus on practical facilitation, engagement and reflection.

### HEALTH

**PUBLIC HEALTH**

231.701  30 credits
**Theory and Practice of Public Health**
This course considers the theory and practice of public health in New Zealand. Topics include: epidemiology and biostatistics, Māori health, Pacific health, occupational health, environmental health, health programme evaluation, health economics and health policy in New Zealand.

231.703  30 credits
**Epidemiology and Biostatistics**
This course provides advanced education and training in the theory and practice of epidemiology. Topics include: epidemiology as a population science, cohort studies, case-control studies, prevalence studies, geographical and temporal variation, types of bias, confounding, data analysis, interpretation of findings of epidemiological studies, the use of epidemiology in health policy.

231.704  30 credits
**Māori Health**
This course provides an overview and analysis of Māori public health. Topics include: traditional Māori public health systems, the Treaty of Waitangi and health, models of Māori health, Māori development and advancement health agendas, diverse Māori realities, services delivery models, approaches to Māori health research, Māori development policy.

231.705  30 credits
**Pacific Health**
This course provides an overview and analysis of Pacific health. Topics include: Pacific concepts of health, health effects of migration, urbanisation, demographic transition and economic development on Pacific people in Aotearoa and the Pacific; Pacific health promotion models and Pacific health policies. Pacific case studies will illustrate how providers can contribute effectively to Pacific development and improved Pacific health outcomes.

231.706  30 credits
**Occupational Health**
This course provides an overview of the contribution that exposures in the occupational environment make to adverse health outcomes in the general population, and the appropriate methods of identifying and preventing occupational hazards. Topics include occupational diseases, industrial hygiene and exposure assessment, specific methods of occupational epidemiology, biological and chemical hazards, work physiology and ergonomics, exposure standards and regulatory practice.

231.707  30 credits
**Environmental Health**
An overview of the principles and practice of environmental health with particular reference to New Zealand. Topics will include environmental exposure assessment, environmental management and protection, and the health effects of outdoor and indoor air, water and soil pollution.

231.708  30 credits
**Programme Evaluation**
An overview of the principles and practice of public health, social and community programme evaluation with particular reference to New Zealand. Topics will include evaluation theory, strategic evaluation, evaluating community programmes, Treaty issues and evaluation, evaluation and culture, ethics, politics and evaluation, quantitative and qualitative evaluation methods, evaluation design, and reporting and interpretation of evaluation findings.

**INTERNATIONAL PUBLIC HEALTH**

231.721  15 credits
**International Public Health**
The theory and practice of public health in international perspective. Topics include the global burden of disease, UN agencies with public health roles and responsibilities, international health policy and governance, global health standards and regulatory frameworks, health protection and promotion, risk and risk/benefit assessments, epidemiology, transdisciplinary and multisectoral public health issues, environmental health, health programme evaluation, and health economics.

231.722  15 credits
**Communicable Disease Prevention and Control**
Prevention and control of communicable disease, including epidemiology, international and national public health policy, and pandemic planning.

231.723  15 credits
**Epidemiological Methods**
The theory and practice of epidemiology. Topics may include: epidemiology as a population science, cohort studies, case-control studies, prevalence studies, geographical and temporal variation, types of bias, confounding, data analysis, interpretation of findings of epidemiological studies, the use of epidemiology in health policy.

231.724  15 credits
**International Occupational and Environmental Health**
An overview of the contribution that occupational and environmental exposures make to adverse health outcomes in the general population both nationally and internationally, and the appropriate methods of identifying and preventing occupational and environmental hazards.

231.725  15 credits
**Foundations of Public Health Practice**
This course presents the overarching framework, principles, core functions and competency requirements of the public health workforce. It investigates through a multidisciplinary lens the fundamental determinants that underpin health and disease status in different populations in New Zealand and internationally. The course provides the necessary foundation for further studies toward advanced cross-cutting approaches essential for public health practice.

231.726  15 credits
**Health Systems and Policy**
This course using systems thinking approaches to examine and compare the New Zealand Health System within the international context, how it is structured, operated and financed, and how this impacts on public health responses. Health Policy and public health advocacy is examined as an instrument to enhance health system and broader responses to major health public challenges.

231.727  15 credits
**Public Health Intervention Management**
This course aims to provide students with the conceptual, analytical and strategy planning basis for effective public health intervention management and capacity building practice. Intervention management (assessing, building capacity, planning, implementing and evaluating public health interventions) is a core function of public health practice and is an important competency requirement for effective public health practitioners. Intervention management focuses on the theory and practice of capacity building and developing, implementing and evaluating a strategy portfolio based on analysis of available public health intelligence, including analysis of determinants, stakeholders, community capacity and intervention research.

231.728  15 credits
**Public Health Research and Evaluation**
This course will develop student competencies relating to public health research and evaluation design, planning and research dissemination. It includes the study of research and evaluation methods applicable to the international, application and conduct of public health research in practice settings, using systematic and critical analysis approaches emblazoned in the evidence-based practice approach. Students will identify research methods, across quantitative and qualitative research paradigms, most appropriate to their research questions and practice context, consider and submit ethics applications for review, and develop research submissions for external peer review and funding consideration. It utilises problem-based and interactive learning to engage students in learning about the principles and applications of evidence-based practice, epidemiology, qualitative and quantitative research designs and paradigms, data analysis, scientific dissemination and research ethics.

231.730  15 credits
**Epidemiology and Biostatistics 1**
Students will study the principles of epidemiology and biostatistics with an emphasis on learning the skills necessary to analyse and interpret data,
disseminate information, and the critical appraisal of literature. The focus of the course is on the application of epidemiology and biostatistics for the development of policy development and decision making across the health system.

231.731 Epidemiology and Biostatistics 2
15 credits
Students will study the principles of epidemiology and biostatistics with an emphasis on learning the skills necessary to analyse and interpret data, disseminate information, and the critical appraisal of literature. The focus of the course is on the application of epidemiology and biostatistics for the development of policy development and decision making across the health system.

231.732 Physical Activity Promotion
15 credits
This course draws on the disciplines of epidemiology, health promotion, policy analysis and exercise science to develop public health competencies specific to physical activity promotion at a population level, including knowledge of the relationship between physical activity and health, and skills in population-based physical activity assessment, determinants analysis and intervention design and evaluation.

231.733 Big Public Health Issues
15 credits
This course critically examines the big public health issues globally using an analytical framework and case study approach that considers burden of disease, epidemiology, determinant analysis, health and other system responses and evidence of intervention effectiveness. Issues and case studies covered include major infectious diseases (Ebola, AIDS and SARS), obesity, smoking, alcohol consumption, injury prevention and mental health.

231.734 Maternal and Child Health
15 credits
This course explores the epidemiological and health systems-based rationale for ranking maternal and child health as a global public health priority. It describes and critically assesses maternal and child health needs, interventions and the effectiveness of services and interventions in different contexts, including maternal and child health policy and advocacy efforts designed to elevate the health of these population groups at these critical life-stages.

231.799 Research Report (30)
30 credits
An investigation of a specific topic in public health, Maori health or Pacific health, which may include aspects of original research, problem investigation, and/or review of pre-existing data or published literature. Emphasis will be given to practical projects that arise out of the course participant’s work in public health, Maori health development or Pacific health development.

231.816 Thesis 120 Credit Part 1
60 credits
A supervised and guided independent study resulting in a published work.

231.817 Thesis 120 Credit Part 2
60 credits
A supervised and guided independent study resulting in a published work.

231.818 Public Health Praxis 1
30 credits
A capstone practicum in the public health environment involving supervised and team-based work on defined and contemporary public health issues.

231.819 Public Health Praxis 2
30 credits
An integrative capstone practicum in the public health environment involving supervised and team-based work on defined contemporary public health issues.

231.820 Public Health Thesis
90 credits
A supervised and guided independent study designed to lead to a published work.

231.821 Public Health Thesis 90 Pt 1
45 credits
A supervised and guided independent study designed to lead to a published work.

231.822 Public Health Thesis 90 Pt 2
45 credits
A supervised and guided independent study designed to lead to a published work.

231.895 Research Project
60 credits

231.899 Thesis
120 credits
A supervised and guided independent study resulting in a published work.

231.900 PhD Public Health
120 credits

ECOLOGY

232.701 Conservation Biology
30 credits
Conservation biology involves applying theory from several branches of biology to the problem of conserving biological diversity. This course covers a range of general issues in conservation biology, including ethical and cultural issues, population and demographics and genetics, population viability analysis, and community-level conservation. It also covers several specific topics in depth, with an emphasis on New Zealand case studies.

232.703 Wildlife Management
30 credits
A problem-based course involving fieldwork, data analysis, and report writing. A selection of problems will be tackled each year, and all will be real problems of interest to conservation managers. The problems will involve management of wildlife in its broadest sense, meaning they may focus on plants and invertebrates as well as vertebrates, and on ecosystems as well as single species. There will be a strong emphasis on gaining experience with quantitative analytical methods.

232.704 Wildlife Disease
30 credits
Techniques and issues fundamental to planning and interpreting wildlife health investigations and incorporating results into species management programmes. A primary focus on issues relevant to New Zealand’s fauna together with specific examples from overseas.

232.705 Captive Breeding and Management
30 credits
Nutritional, management and disease control programmes relevant to the captive breeding of New Zealand’s endangered indigenous species. Problems associated with some selected species illustrating how to obtain healthy individuals for release. Para-veterinary techniques applicable to the safe handling and welfare of a variety of captive species.

232.799 Research Report
30 credits

232.870 Research Report
60 credits

232.871 Thesis 90 Credit Part 1
45 credits
A supervised and guided independent study resulting in a published work.

232.872 Thesis 90 Credit Part 2
45 credits
A supervised and guided independent study resulting in a published work.

232.875 Thesis
90 credits
A supervised and guided independent study resulting in a published work.

232.897 Thesis 120 Credit Part 1
60 credits
A supervised and guided independent study resulting in a published work.

232.898 Thesis 120 Credit Part 2
60 credits
A supervised and guided independent study resulting in a published work.

232.899 Thesis
120 credits
A supervised and guided independent study resulting in a published work.

232.900 PhD Conservation Biology
120 credits
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>233.101</td>
<td>Introductory Earth Science</td>
<td>15</td>
</tr>
<tr>
<td>233.202</td>
<td>Earth Science Field Work I</td>
<td>15</td>
</tr>
<tr>
<td>233.203</td>
<td>Earth Science Field Work II</td>
<td>15</td>
</tr>
<tr>
<td>233.205</td>
<td>Volcanology and Mineralogy</td>
<td>15</td>
</tr>
<tr>
<td>233.250</td>
<td>Understanding New Zealand Geology</td>
<td>15</td>
</tr>
<tr>
<td>233.251</td>
<td>GIS and Remote Sensing</td>
<td>15</td>
</tr>
<tr>
<td>233.301</td>
<td>Advanced Remote Sensing</td>
<td>15</td>
</tr>
<tr>
<td>233.302</td>
<td>Earth Science Field Work III</td>
<td>15</td>
</tr>
<tr>
<td>233.310</td>
<td>Pedology and Quaternary Geology</td>
<td>15</td>
</tr>
<tr>
<td>233.350</td>
<td>How the Earth Works</td>
<td>15</td>
</tr>
<tr>
<td>233.704</td>
<td>Advanced Pedology</td>
<td>30</td>
</tr>
<tr>
<td>233.705</td>
<td>Volcanology and Tephrochronology</td>
<td>30</td>
</tr>
<tr>
<td>233.706</td>
<td>Environmental Geographical Information Systems</td>
<td>30</td>
</tr>
<tr>
<td>233.707</td>
<td>Environmental Remote Sensing</td>
<td>30</td>
</tr>
<tr>
<td>233.708</td>
<td>Geochemistry</td>
<td>30</td>
</tr>
<tr>
<td>233.709</td>
<td>Advanced Sedimentology</td>
<td>30</td>
</tr>
<tr>
<td>233.710</td>
<td>Geology, Hazard &amp; Society; Environmental Geology A</td>
<td>15</td>
</tr>
<tr>
<td>233.711</td>
<td>Applied Environmental Geology; Environmental Geology B</td>
<td>15</td>
</tr>
<tr>
<td>233.721</td>
<td>Global Climate Change</td>
<td>15</td>
</tr>
<tr>
<td>233.722</td>
<td>Advanced Quaternary Geology</td>
<td>15</td>
</tr>
<tr>
<td>233.729</td>
<td>Advanced Study into the historical development and principles of the</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Quaternary chronostratigraphy of New Zealand. Topics include the</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Quaternary stratigraphy of selected regions or countries, the effects of</td>
<td></td>
</tr>
<tr>
<td></td>
<td>climate change on Quaternary deposits, Quaternary tectonics and Quaternary</td>
<td></td>
</tr>
<tr>
<td></td>
<td>deposits as aquifers</td>
<td></td>
</tr>
<tr>
<td>233.787</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>233.877</td>
<td>Thesis 90 Credit Part 2</td>
<td>45</td>
</tr>
<tr>
<td>233.878</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>233.879</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>233.880</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>233.890</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>233.891</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>233.892</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>233.893</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>233.894</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>233.895</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>233.896</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>233.897</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>233.898</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>233.899</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>233.900</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
</tbody>
</table>
SPORT AND EXERCISE SCIENCE

234.110 Introduction to Sports Medicine 15 credits
An introduction to the methods used in injury prevention, assessment, management and rehabilitation of a range of injuries commonly associated with sport and exercise.

HEALTH SCIENCES

234.111 Training Principles and Practice 15 credits
An introduction to the knowledge and skills necessary for the planning, implementation and evaluation of goal-oriented training.

234.120 Introduction to Sport and Exercise Science 15 credits
An introduction to the contributions that the application of human biology, the physical sciences, and technology have made to understanding, assessing and enhancing sport and sports performance.

234.121 Structural Kinesiology 15 credits
An introduction to the musculo-skeletal aspects of human movement with emphasis on sites of muscle attachment, joint structure, and the way in which they determine direction of motion about joints. The use of this knowledge in analysis of movement sequences common in sport, exercise routines and in everyday life, and in the selection of appropriate resistance exercises for strengthening specific muscles and muscle groups. Active participation in resistance exercises is a requirement of this course.

MANAGEMENT

234.130 Introduction to Sport Coaching 15 credits
An introduction to the generic principles of coaching from a management, educational and psychological perspective.

234.131 Introduction to Sport Management 15 credits
An introduction to the foundational aspects and key concepts of sport management.

SPORT AND EXERCISE SCIENCE

234.133 Sport Facility Management 15 credits
An introduction to the management and administrative aspects of sport facilities.

234.134 Foundations of International Sport Management 15 credits
An introduction to global sport management principles and perspectives.

234.135 Sociology of Sport and Exercise 15 credits
An introduction to sociology concepts, principles and theories as applied to sport and exercise.

234.139 Financial Aspects of Sport 15 credits
An introduction to financial and accounting principles and concepts and their application in the sport industry.

PHYSICAL EDUCATION AND HEALTH

234.140 Introduction to Physical Education 15 credits
An introduction to health and physical education through the exploration of a range of topics such as curriculum models, issues, and diversity with consideration to the Treaty of Waitangi relevant to undergraduate students.

234.141 Introduction to Human Movement 15 credits
An Introduction to the relationship of movement to human development and learning within changing social and cultural contexts.

HEALTH SCIENCES

234.212 Exercise Prescription and Therapy 15 credits
This course gives an overview of the knowledge and skills required for the development and implementation of goal-based exercise programmes. An introduction to the therapeutic value of exercise for a variety of population groups.

234.213 Fitness Assessment 15 credits
A study of the rationale and theory of fitness assessment. Practical application of fitness assessment methods for determination of aerobic, anaerobic, and musculo-skeletal fitness parameters in apparently healthy individuals and in those with special needs.

SPORT AND EXERCISE SCIENCE

234.214 Exercise Prescription 15 credits
A study of prescribing exercise and physical activity for the general population.

234.222 Sport Biomechanics I 15 credits
An introduction to the study of the kinematics and dynamics of the human body and the factors that influence skillful and efficient performance of bodily movements in sport and everyday life. Students will be introduced to the techniques and methods required for qualitative analysis of complex skills.

234.223 Exercise Physiology 15 credits
A study of the function of human biological systems as they relate to sport and exercise. Acute responses and the chronic adaptations to sport and exercise, specifically in relation to the core topics of human energetics, muscular, cardiovascular and respiratory systems. A strong laboratory focus will reinforce the theory and develop laboratory skills relevant to exercise physiology.

234.224 Motor Behaviour 15 credits
An introduction to the study of the factors underlying perceptual-motor coordination, and how coordination patterns change over time as the result of learning or aging.

HEALTH SCIENCES

234.225 Nutrition for Sport, Exercise and Health 15 credits
Principles of nutrition for sports and fitness training, health and special populations (with diabetes, obesity and cardiovascular disease) which participate in exercise. The course covers principles of exercise and nutrient metabolism and applied topics.

234.226 Physiological Aspects of Exercise and Health I 15 credits
A study of the cardiovascular, respiratory, neuromuscular and endocrine responses and adaptions to exercise and training, with emphasis on the assessment and maintenance of optimal health and fitness, and physical performance in the general population and athletes.

SPORT AND EXERCISE SCIENCE

234.227 Applied Sport Science 15 credits
A study of the contributions that applications of the physical sciences, quantitative methods, and technology have made to understanding, measuring, assessing and enhancing sport and sports performance. Topics may include limits to performance, modelling exercise phenomena, biomechanics and quantitative applications in sport.

234.230 Sport Communication 15 credits
An examination of the theoretical background of sport communication, which includes an application of skills and principles within the topic.

234.231 Sport Marketing 15 credits
A practical application of marketing and sponsorship principles to the sport context.
### MANAGEMENT

<table>
<thead>
<tr>
<th>Code</th>
<th>Credits</th>
<th>Title</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.232</td>
<td>15</td>
<td>Sport Business</td>
<td>This course explores the theories, concepts and practices relating to strategic management, governance, organisational behaviour, and human resource management in sport organisations.</td>
</tr>
<tr>
<td>234.233</td>
<td>15</td>
<td>Sport Event Management</td>
<td>This course examines specific management aspects of sport events.</td>
</tr>
<tr>
<td>234.234</td>
<td>15</td>
<td>Sport Management Planning and Promotion</td>
<td>A study of the theories, concepts and practices of sport management planning and promotion in New Zealand, including risk management and the management of sport organisations and resources.</td>
</tr>
<tr>
<td>234.235</td>
<td>15</td>
<td>Outdoor Recreation Management</td>
<td>This course introduces the students to the theories, concepts, and practices of outdoor recreation management in New Zealand. This will include areas such as adventure tourism, risk management, and the management of outdoor resources.</td>
</tr>
</tbody>
</table>

### SPORT AND EXERCISE SCIENCE

<table>
<thead>
<tr>
<th>Code</th>
<th>Credits</th>
<th>Title</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.236</td>
<td>15</td>
<td>Sport Coaching: Management and Leadership</td>
<td>This course examines aspects of contemporary sport coaching. It focuses on management skills, leadership theories/styles and examines ethical issues related to sport coaching.</td>
</tr>
<tr>
<td>234.238</td>
<td>15</td>
<td>Professional Development for the Sport Industry</td>
<td>A preparation for the Sport Practicum through field experience and critical reflection.</td>
</tr>
<tr>
<td>234.239</td>
<td>15</td>
<td>Sport Economics</td>
<td>An introduction to fundamental economic principles and concepts and their application in the sport sector. Particular emphasis will be placed on the organisation and the structure of sports leagues, public finance and sports, and labour market issues.</td>
</tr>
</tbody>
</table>

### PHYSICAL EDUCATION AND HEALTH

<table>
<thead>
<tr>
<th>Code</th>
<th>Credits</th>
<th>Title</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.242</td>
<td>15</td>
<td>Motor Skill Learning</td>
<td>Students will study the principles and theories of motor skill acquisition and their application to sport coaching.</td>
</tr>
<tr>
<td>234.243</td>
<td>15</td>
<td>Sport Pedagogy</td>
<td>A critical examination that extends students’ knowledge of the skills and methodologies relating to the learning and instruction of a range of physical activities and sports within educational contexts.</td>
</tr>
<tr>
<td>234.244</td>
<td>30</td>
<td>Sport Performance</td>
<td>Students will apply principles of playing, training and practice to their own performance in one selected sport for a single playing season.</td>
</tr>
</tbody>
</table>

### HEALTH SCIENCES

<table>
<thead>
<tr>
<th>Code</th>
<th>Credits</th>
<th>Title</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.312</td>
<td>15</td>
<td>Advanced Exercise Prescription and Therapy</td>
<td>This course gives an in-depth knowledge of the role of exercise in rehabilitation. Students will be able to develop and implement exercise programmes to assist with recovery from musculo-skeletal injury and various disease states, and to influence indicators of psychological health.</td>
</tr>
</tbody>
</table>

### MANAGEMENT

<table>
<thead>
<tr>
<th>Code</th>
<th>Credits</th>
<th>Title</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.315</td>
<td>15</td>
<td>Fitness and Athletic Conditioning</td>
<td>This course provides an understanding of various exercise techniques and methods to developing fitness and conditioning programmes for the athletic population.</td>
</tr>
</tbody>
</table>

### HEALTH SCIENCES

<table>
<thead>
<tr>
<th>Code</th>
<th>Credits</th>
<th>Title</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.316</td>
<td>30</td>
<td>Exercise Prescription Practicum</td>
<td>This practicum is designed to provide practical experience in exercise or sport related environments according to individual interests.</td>
</tr>
</tbody>
</table>

### SPORT AND EXERCISE SCIENCE

<table>
<thead>
<tr>
<th>Code</th>
<th>Credits</th>
<th>Title</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.322</td>
<td>15</td>
<td>Sport Biomechanics II</td>
<td>An in-depth study of the kinematics and dynamics of the human body and the factors that influence skilful and efficient performance of bodily movements in sport and everyday life. This course will provide students with advanced techniques and methods required to undertake quantitative analysis of complex skills.</td>
</tr>
<tr>
<td>234.323</td>
<td>15</td>
<td>Exercise Physiology II</td>
<td>An examination of physiological mechanisms relevant to the limits of human sport and exercise performance, and how these change at different stages of the life-cycle and with impaired health. The adaptation and co-ordination of these mechanisms in acute and chronic exercise, and how these can be modulated by training and with the use of ergogenic aids.</td>
</tr>
</tbody>
</table>

### HEALTH SCIENCES

<table>
<thead>
<tr>
<th>Code</th>
<th>Credits</th>
<th>Title</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.326</td>
<td>15</td>
<td>Physiological Aspects of Exercise and Health II</td>
<td>A study of physiological concepts and mechanisms in relation to exercise and the effect on human health.</td>
</tr>
</tbody>
</table>

### MANAGEMENT

<table>
<thead>
<tr>
<th>Code</th>
<th>Credits</th>
<th>Title</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.331</td>
<td>15</td>
<td>Sport in the Social Context</td>
<td>An examination of the political and social contexts of sport. Attention will be focused on an array of contemporary issues in global and local sport that emphasise the complexity of understanding the meaning, purpose, and organisation of sport, as well as the links between sport and other social institutions.</td>
</tr>
</tbody>
</table>

### SPORT AND EXERCISE SCIENCE

<table>
<thead>
<tr>
<th>Code</th>
<th>Credits</th>
<th>Title</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.335</td>
<td>15</td>
<td>Critical Issues in Sport Management</td>
<td>An investigation of critical issues in sport management.</td>
</tr>
<tr>
<td>234.338</td>
<td>30</td>
<td>Sport Management/Coaching Practicum</td>
<td>The practicum is designed to provide practical experience in the sport management or coaching areas according to individual interests and experience.</td>
</tr>
<tr>
<td>234.343</td>
<td>15</td>
<td>Sport Pedagogy II</td>
<td>This course examines the principles and practices associated with effective sport pedagogy especially as it is applied to the delivery of game instruction in school and sport contexts.</td>
</tr>
</tbody>
</table>

### PHYSICAL EDUCATION AND HEALTH

<table>
<thead>
<tr>
<th>Code</th>
<th>Credits</th>
<th>Title</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.345</td>
<td>15</td>
<td>An Integrated Model of Physical Education</td>
<td>Exploration of an integrated model of physical education using a range of movement areas, learning and teaching methodologies within the context of outdoor education.</td>
</tr>
<tr>
<td>234.346</td>
<td>15</td>
<td>Promoting Hauora through To Aoriki</td>
<td>Analysing and applying the concept of Hauora (a holistic, Maori view of total well-being) through the practices of Te Ao Maori (The World of Movement) in a physical education setting. Critically examine a range of Maori movement perspectives providing considerable integration of the Te Ao Maori world view and the principles of the Treaty of Waitangi in contemporary Aotearoa New Zealand society.</td>
</tr>
<tr>
<td>234.347</td>
<td>15</td>
<td>Current Issues in Health and Physical Education</td>
<td>An introduction to the theory and practice of health and physical education through the examination of a range of international/national perspectives</td>
</tr>
</tbody>
</table>
on cultural issues with consideration to the Treaty of Waitangi relevant to undergraduate students.

**MANAGEMENT**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.360</td>
<td>Sport Psychology</td>
<td>15</td>
</tr>
</tbody>
</table>

This course examines theory, research and practice in aspects of sport psychology.

**SPORT AND EXERCISE SCIENCE**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.361</td>
<td>Exercise Psychology</td>
<td>15</td>
</tr>
</tbody>
</table>

An examination of the association between psychological factors and participation in exercise and physical activity, and, in turn, how such participation affects personal functioning, health and well-being.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.716</td>
<td>Advanced Physical Conditioning</td>
<td>30</td>
</tr>
</tbody>
</table>

An advanced level study of the research surrounding physical conditioning and the training processes for sporting performance and for targeted physical fitness.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.717</td>
<td>Advanced Exercise Prescription for Musculoskeletal Conditions</td>
<td>15</td>
</tr>
</tbody>
</table>

An advanced course on clinical musculoskeletal conditions and examining the pertinent indications and contra-indications of exercise for these conditions.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.718</td>
<td>Advanced Exercise Prescription for Cardiopulmonary Conditions</td>
<td>30</td>
</tr>
</tbody>
</table>

An advanced course on clinical cardiopulmonary conditions which will examine the understanding of the aetiology of the condition and subsequent prescription of safe, realistic and effective exercise programmes.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.719</td>
<td>Advanced Topics in Clinical Exercise, Health and Disease</td>
<td>30</td>
</tr>
</tbody>
</table>

The course will develop an advanced level of knowledge of exercise in health and disease management, with specific emphasis placed on the physiological, psychological and functional adaptations achieved with appropriate dose-response of exercise in neurological conditions, metabolic and endocrine disorders, and common cancers.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.720</td>
<td>Skeletal Muscle Metabolism</td>
<td>15</td>
</tr>
</tbody>
</table>

An advanced level study of muscle metabolism during contraction and how this may be altered with chronic contractile activity.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.721</td>
<td>Muscle Mechanics</td>
<td>15</td>
</tr>
</tbody>
</table>

An advanced level study of skeletal muscle structure, function and, motor control during contraction and exercise of a varying nature and how this may change with chronic contractile activity.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.722</td>
<td>Advanced Biomechanics</td>
<td>15</td>
</tr>
</tbody>
</table>

Advanced study of selected topics in the biomechanics of human bodily movement to provide an in-depth knowledge of techniques and methods for quantitative analysis of complex skills. Analysis of gait will be covered as a fundamental component of all movement, and aspects of clinical biomechanics may also be included.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.723</td>
<td>Advanced Topics in Exercise Science</td>
<td>15</td>
</tr>
</tbody>
</table>

Evaluation and critical analysis of important and topical research in sport and clinical exercise physiology. Students will gain competencies in a range of research techniques relating to Exercise Science.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.731</td>
<td>Advanced Sport in the Social Context</td>
<td>30</td>
</tr>
</tbody>
</table>

An advanced examination of the meaning and role(s) of sport and leisure in contemporary society with particular reference to selected topical issues and the implications that these have on the organisation and management of sport.

**MANAGEMENT**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.732</td>
<td>Advanced Sport Management</td>
<td>30</td>
</tr>
</tbody>
</table>

An examination of contemporary sport and recreation management practice in New Zealand and overseas.
MAORI RESOURCE AND ENVIRONMENTAL MANAGEMENT

235.211 15 credits
Maori Agribusiness Systems
An introduction to Maori agribusiness systems including the values, science and business processes aligned to these. Particular emphasis will be placed on the concepts of land and resource utility, kaitiakitanga and the relationship of these kaupapa Maori based systems to the present day. These systems will be discussed in context with Te Tiriti o Waitangi and present day legislation.

235.311 15 credits
Maori Policy and Agribusiness
This course examines the key issues and practice of Maori agribusiness policy. The roles and responsibilities of policy agencies in relation to Maori policy, research and development, implementation and monitoring relative to agribusiness are considered. Alternative policy approaches to achieving Maori driven outcomes are examined and presented. These processes will be discussed in context with Te Tiriti o Waitangi and natural resource management.

235.312 15 credits
Case Studies in Maori Agribusiness
This course explores Maori agribusiness through a series of case studies in the field with an emphasis on the temporal understanding of Maori agribusiness. Each case study has an emphasis on analysis and decision making and is applied to a range of Maori agribusinesses.

235.701 15 credits
Maori Values and Resource Management
In this applied course students will learn about Māori concepts and values associated with the management of natural resources. Students will gain an appreciation of the importance of indigenous values, and in particular Māori values and management approaches to sustainable resource management. Case studies will be undertaken to develop skills in the management of natural resources.

235.702 15 credits
Maori Resource and Environmental Management - Whenua
This course offers the opportunity for postgraduate students to learn and apply Maori concepts, values and science processes to the management of whenua or land and whenua sustainability. These values will be discussed in context with Te Tiriti o Waitangi and present day legislation. Case studies will be undertaken to develop skills in the management of Maori whenua or land resources.

235.703 15 credits
Maori Resource and Environmental Management - Fresh Water
A course that offers the opportunity for postgraduate students to learn about the Maori concepts, values and science processes associated with the management of fresh water. Particular emphasis is placed on the importance of Maori values as they apply to sustainable fresh water management. These values will be discussed in context with Te Tiriti o Waitangi and present day legislation. Case studies will be undertaken to develop skills in the management of Maori fresh water resources.

235.704 15 credits
Maori Resource and Environmental Management - Flora and Fauna
This course offers the opportunity for postgraduate students to learn about the Maori concepts, values and science processes associated with the management of native flora and fauna. Particular emphasis is placed on the importance of Maori values and practices as they apply to sustainable management of native flora and fauna resources. These values will be discussed in context with Te Tiriti o Waitangi and present day legislation. Case studies will be undertaken to develop skills in the Maori component of management of native flora and fauna.

235.705 15 credits
Maori Resource and Environmental Management - Foreshore and Oceans
A course that offers the opportunity for postgraduate students to learn about the Māori concepts, values and science processes associated with the management of the foreshore and ocean resources. Particular emphasis is placed on the importance of Māori values and practices as they apply to sustainable management of foreshore and ocean resources. These values will be discussed in context with Te Tiriti o Waitangi and present day legislation. Case studies will be undertaken to develop skills in the Māori component of management of foreshore and ocean resources.

235.706 15 credits
Maara kai - Traditional and Contemporary Maori Food Production
A course that offers the opportunity for postgraduate students to learn about traditional and contemporary Maori food production including the values and science processes aligned to this activity. Particular emphasis will be placed on the concepts of land and crop management systems, kaitiakitanga and the relationship of these kaupapa Māori based systems to the present day. These systems will be discussed in context with Te Tiriti o Waitangi and present day legislation.

235.707 30 credits
Maori Natural Resource Policy
This course examines the key issues and practice of Maori resources policy. The roles and responsibilities of policy agencies in relation to Maori resources policy research, development, implementation and monitoring are considered. Alternative policy approaches to achieving Maori and natural resource management outcomes are examined through selected case studies. These processes will be discussed in context with Te Tiriti o Waitangi.

NANOSCIENCE

236.201 15 credits
Nanoscience
A study of the interdisciplinary field of nanosciences with examination of contemporary theories, topics and issues.

236.301 15 credits
Advanced Nanoscience
Investigation of nanoscale systems and materials using principles of physical chemistry and quantum mechanics. Advanced techniques for characterising nanoscale materials are discussed. A project-based laboratory course reinforces taught concepts.

236.302 15 credits
Nanoscience and Chemistry Research Project
Students will carry out a research project in an area of nanoscience or chemistry under the supervision of an academic staff member. Projects may range from theoretical investigations, to synthetic preparations, to characterisation of nanomaterials on surfaces. Interdisciplinary topics will be encouraged.

236.798 30 credits
Research Report

236.870 60 credits
Research Report

236.871 45 credits
Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work.

236.872 45 credits
Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work.

236.875 90 credits
Thesis
A supervised and guided independent study resulting in a published work.

236.897 60 credits
Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

236.898 60 credits
Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

236.899 120 credits
Thesis
A supervised and guided independent study resulting in a published work.

236.900 120 credits
PhD Nanoscience
VISUAL AND MATERIAL CULTURE

237.117 15 credits
Maori Art and Design Studio I - Toi Atea
An introduction to the development of personal forms of expression through an engagement with the values, concepts, traditions, art/design forms and structures of the whare whakairo.

237.130 15 credits
Communication for Makers
This course introduces students to academic writing and oral communication skills in the creative arts with a focus on stylistic characteristics and critical thinking. The course is underpinned by a basic overview of historical epochs from the 18th century to the present day.

237.131 15 credits
Conversations in Creative Cultures
This course introduces students to the concept of world views, to key issues and debates concerning cultural identity in Aotearoa New Zealand and their implications for creative practices.

237.211 15 credits
Maori Visual and Material Culture - Toi Atea
An exploration of the conventions and values that underpin Maori visual and material culture. Emphasis is given to identifying the major art forms and the key continuities and changes that characterise development from customary to contemporary practice.

237.217 15 credits
Maori Art and Design Studio IIA - Toi Atea
The development of individual work that grows out of the investigation of a select range of Maori concepts, art forms, imagery, values and approaches that reflect a Maori world view.

237.218 15 credits
Maori Art and Design Studio IIB - Toi Atea
Further development of individual work that grows out of the investigation of a select range of Maori concepts, art forms, imagery, values and approaches that reflect a Maori world view.

237.230 15 credits
Creative Cultures & Contexts I
This course introduces students to histories of design and art to develop a critical appreciation of change and context. It will include the analysis of selected visual and material cultural practices in a series of theme based modules that explore the origins and impacts of consumerism, globalisation, sustainability.

237.231 15 credits
Creative Cultures & Contexts II
In this course students will explore and discover a broad range of critical perspectives relevant to the creative arts. They will select from a series of thematic modules, designed to prompt further consideration and questioning of creative practices.

237.317 15 credits
Maori Art and Design Studio IIIA - Toi Atea
Developing visual responses to the exploration of issues (social, political, environmental, global) significant to Maori people and their communities.

237.318 15 credits
Maori Art and Design Studio IIIB - Toi Atea
Further development of a range of visual responses to issues (social, political, environmental, global) of significance to Maori people and their communities.

237.330 15 credits
Creative Cultures & Ideas
In this course students will explore and appraise a range of ideas that support the critical positioning of creative practices. The selected ideas will be explored through interdisciplinary engagement.

237.331 15 credits
Creative Cultures & Display
In this course students will critically engage with a range of curatorial concepts in order to investigate modes of representation, collection, archiving, display and distribution. The course will overview key historical developments in 19th and 20th century museum practices and examine selected cultural and ethical concerns for both community and institutional contexts.

237.401 15 credits
The Material Turn
Students will apply selected theories from the fields of material culture studies in Aotearoa New Zealand and internationally to inform and evaluate understandings of creative practices.

237.402 15 credits
The Visual Field
Students will apply selected theories from visual culture studies in Aotearoa New Zealand and internationally to inform and evaluate understandings of creative practices.

237.403 15 credits
Studies in Material Culture B
A variety of case studies which include materiality as cultural process, material culture and remembering, and the reification of domestic everyday life.

237.404 15 credits
Studies in Visual Culture B
A series of case studies which examine the shift from art history and film studies to contemporary visual culture.

237.417 30 credits
Maori Art and Design Studio IV - Toi Atea
An advanced course to focus and refine visual language and personal tikanga through negotiated projects that explore topics of direct reference to Maori people and their communities.

237.465 15 credits
Creative Exposition
In this course students will situate their creative practice through writing. They will extend and hone their critical, analytical and reflective skills through written exposition that focuses on projecting themselves and their practice externally. This advanced programme of study will encourage discussion on diverse approaches to creative research exposition and its relevance for a range of academic and/or professional contexts.

237.701 30 credits
Studies in Material Culture
A critical consideration of major theories in the field of material culture studies and how these inform research approaches and findings in Aotearoa New Zealand and internationally. After an initial survey of the historical development of the field, these theories will be explored through a variety of case studies which may include materiality as cultural process, material culture and remembering, and material culture and the domestic.

237.702 30 credits
Studies in Visual Culture
A survey of major theories about and current approaches to the social construction of visual experience in Aotearoa New Zealand and internationally. After considering the shift from art history and film studies to visual culture, these theories will be explored through a series of topics which may include practices of looking, cultural history and visuality, the photographic image, painting and visual culture, and popular visual culture.

237.791 30 credits
Special Topic

237.799 30 credits
Research Report
This course consists of an individually supervised piece of work to provide training in research and writing for a thesis. It provides the opportunity for critical examination of a topic, issue or problem within the fields of visual and material culture studies. An initial module of research training is followed by the completion of the independent research project.

237.800 120 credits
MPhil Thesis
A supervised and guided independent study resulting in a published work.

237.801 60 credits
MPhil Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

237.802 60 credits
MPhil Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

237.816 60 credits
Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.
239.373 15 credits
AgriCommerce Capstone
An integrative course designed to capture the breadth of knowledge gained in the degree and utilise the value of teams in addressing international food and agribusiness challenges to New Zealand industries. Emphasis will be placed on the application of knowledge to understand and analyse international environments and identify sustainable, competitive export strategies for an agribusiness firm.

239.391 15 credits
Special Topic

239.885 45 credits
Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work.

239.886 45 credits
Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work.

239.887 60 credits
Research Report

239.888 90 credits
Thesis
A supervised and guided independent study resulting in a published work.

239.889 120 credits
Thesis
A supervised and guided independent study resulting in a published work.

240.260 15 credits
Logistics and Supply Chain Fundamentals
A study of logistics and supply chain management fundamental concepts. The supply chain management paradigm that underpins modern business is fully explored with a specific focus on customer service, forecasting, process integration, relationship management, and performance measurement.

240.262 15 credits
Transportation Systems
This course studies transportation systems with an emphasis on international intermodal transportation. The economic and operating characteristics of differing transportation systems will be examined, along with costs and regulations of transportation services and the role of information technology on transportation systems.

240.263 15 credits
Logistics Operations
A study of the role and structure of integrated logistics systems, including performance measurement and the application of information technology. Fundamental operational trade-offs are explored in relation to inventory, warehousing and capacity utilisation.

240.362 15 credits
Supply Chain Trends and Applications
A study of the impact of current industry trends on how businesses can engineer and operate their logistics and supply chains to create greater value for the organisation.

240.363 30 credits
Supply Chain Integration
A study of the functioning of modern supply chains, their design, coordination, management and the crucial role of collaboration. Focus will be placed on inter-organisational integration and internal process alignment.
### LOGISTICS AND SUPPLY CHAIN MANAGEMENT

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>240.364</td>
<td>Purchasing and Supply Management</td>
<td>15</td>
</tr>
<tr>
<td>240.365</td>
<td>Demand Chain Management</td>
<td>15</td>
</tr>
<tr>
<td>240.366</td>
<td>Global Logistics</td>
<td>15</td>
</tr>
<tr>
<td>240.752</td>
<td>Integrated Logistics</td>
<td>30</td>
</tr>
<tr>
<td>240.753</td>
<td>Supply Chain System Analysis</td>
<td>15</td>
</tr>
<tr>
<td>240.754</td>
<td>Supply Chain Optimisation</td>
<td>15</td>
</tr>
<tr>
<td>240.755</td>
<td>Executive Supply Chain Management</td>
<td>30</td>
</tr>
<tr>
<td>240.756</td>
<td>Value Chain Management</td>
<td>15</td>
</tr>
<tr>
<td>240.757</td>
<td>Logistics in Humanitarian Aid Projects</td>
<td>15</td>
</tr>
<tr>
<td>240.758</td>
<td>Research Methods in Supply Chain Management</td>
<td>30</td>
</tr>
<tr>
<td>240.885</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>240.895</td>
<td>Thesis 90 Credit Part 2</td>
<td>45</td>
</tr>
<tr>
<td>240.897</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>240.898</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>240.889</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>240.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>240.887</td>
<td>Research Report</td>
<td>60</td>
</tr>
<tr>
<td>240.895</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>240.897</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>240.898</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>240.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>240.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>240.887</td>
<td>Research Report</td>
<td>60</td>
</tr>
<tr>
<td>240.895</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>240.897</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>240.898</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>240.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>240.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>240.887</td>
<td>Research Report</td>
<td>60</td>
</tr>
<tr>
<td>240.895</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>240.897</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>240.898</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>240.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>240.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>240.887</td>
<td>Research Report</td>
<td>60</td>
</tr>
<tr>
<td>240.895</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>240.897</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>240.898</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>240.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>240.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>240.887</td>
<td>Research Report</td>
<td>60</td>
</tr>
<tr>
<td>240.895</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>240.897</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>240.898</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>240.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>240.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>240.887</td>
<td>Research Report</td>
<td>60</td>
</tr>
<tr>
<td>240.895</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>240.897</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>240.898</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>240.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>240.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
</tbody>
</table>

### CHINESE

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>241.101</td>
<td>Chinese 1A</td>
<td>15</td>
</tr>
<tr>
<td>241.102</td>
<td>Chinese 1B</td>
<td>15</td>
</tr>
<tr>
<td>241.103</td>
<td>Ancient Chinese World pre-republic (1912)</td>
<td>15</td>
</tr>
<tr>
<td>241.105</td>
<td>Business Chinese</td>
<td>15</td>
</tr>
<tr>
<td>241.106</td>
<td>Chinese for Heritage Speakers A</td>
<td>15</td>
</tr>
<tr>
<td>241.107</td>
<td>China under Transformation: Economy, Society and Diplomacy</td>
<td>15</td>
</tr>
</tbody>
</table>

### AGRIBUSINESS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>240.752</td>
<td>Integrated Logistics</td>
<td>30</td>
</tr>
</tbody>
</table>

### AGRO BUSINESS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>240.753</td>
<td>Supply Chain System Analysis</td>
<td>15</td>
</tr>
<tr>
<td>240.754</td>
<td>Supply Chain Optimisation</td>
<td>15</td>
</tr>
<tr>
<td>240.755</td>
<td>Executive Supply Chain Management</td>
<td>30</td>
</tr>
<tr>
<td>240.756</td>
<td>Value Chain Management</td>
<td>15</td>
</tr>
<tr>
<td>240.757</td>
<td>Logistics in Humanitarian Aid Projects</td>
<td>15</td>
</tr>
<tr>
<td>240.758</td>
<td>Research Methods in Supply Chain Management</td>
<td>30</td>
</tr>
</tbody>
</table>

### CHINESE

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>241.101</td>
<td>Chinese 1A</td>
<td>15</td>
</tr>
<tr>
<td>241.102</td>
<td>Chinese 1B</td>
<td>15</td>
</tr>
<tr>
<td>241.103</td>
<td>Ancient Chinese World pre-republic (1912)</td>
<td>15</td>
</tr>
<tr>
<td>241.105</td>
<td>Business Chinese</td>
<td>15</td>
</tr>
<tr>
<td>241.106</td>
<td>Chinese for Heritage Speakers A</td>
<td>15</td>
</tr>
<tr>
<td>241.107</td>
<td>China under Transformation: Economy, Society and Diplomacy</td>
<td>15</td>
</tr>
</tbody>
</table>

### CHINESE

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>241.101</td>
<td>Chinese 1A</td>
<td>15</td>
</tr>
<tr>
<td>241.102</td>
<td>Chinese 1B</td>
<td>15</td>
</tr>
<tr>
<td>241.103</td>
<td>Ancient Chinese World pre-republic (1912)</td>
<td>15</td>
</tr>
<tr>
<td>241.105</td>
<td>Business Chinese</td>
<td>15</td>
</tr>
<tr>
<td>241.106</td>
<td>Chinese for Heritage Speakers A</td>
<td>15</td>
</tr>
<tr>
<td>241.107</td>
<td>China under Transformation: Economy, Society and Diplomacy</td>
<td>15</td>
</tr>
</tbody>
</table>

### CHINESE

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>241.101</td>
<td>Chinese 1A</td>
<td>15</td>
</tr>
<tr>
<td>241.102</td>
<td>Chinese 1B</td>
<td>15</td>
</tr>
<tr>
<td>241.103</td>
<td>Ancient Chinese World pre-republic (1912)</td>
<td>15</td>
</tr>
<tr>
<td>241.105</td>
<td>Business Chinese</td>
<td>15</td>
</tr>
<tr>
<td>241.106</td>
<td>Chinese for Heritage Speakers A</td>
<td>15</td>
</tr>
<tr>
<td>241.107</td>
<td>China under Transformation: Economy, Society and Diplomacy</td>
<td>15</td>
</tr>
</tbody>
</table>

### CHINESE

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>241.101</td>
<td>Chinese 1A</td>
<td>15</td>
</tr>
<tr>
<td>241.102</td>
<td>Chinese 1B</td>
<td>15</td>
</tr>
<tr>
<td>241.103</td>
<td>Ancient Chinese World pre-republic (1912)</td>
<td>15</td>
</tr>
<tr>
<td>241.105</td>
<td>Business Chinese</td>
<td>15</td>
</tr>
<tr>
<td>241.106</td>
<td>Chinese for Heritage Speakers A</td>
<td>15</td>
</tr>
<tr>
<td>241.107</td>
<td>China under Transformation: Economy, Society and Diplomacy</td>
<td>15</td>
</tr>
</tbody>
</table>
this level to discuss topics relevant to themselves and to Chinese culture and society.

**242.202**  
**Chinese 2B**  
15 credits  
Aims to further develop intermediate level proficiency in Putonghua (Mandarin), building on skills in reading, writing, listening and speaking. Entails a further set of intermediate level structures, vocabulary and characters that are reinforced through oral and written exercises. Students discuss topics appropriate to this level and that are relevant to themselves and to Chinese culture and society.

**242.206**  
**Chinese for Heritage Speakers B**  
15 credits  
The course provides Chinese heritage speakers with reading and writing proficiency at the advanced level (Chinese Proficiency Test Level V), as well as an understanding of Chinese culture and society. The course further studies common radicals and construction of characters, and most frequent rhetorical devices used in essay writing.

**242.207**  
**Chinese Diaspora**  
15 credits  
This course will examine the emergence and transformation of Chinese international migration in the global context of China’s interactions with the outside world and diaspora’s changing patterns of political, social and cultural adaptations in various regions in the world.

**242.208**  
**Contemporary Chinese Society in Literature and Film**  
15 credits  
An integrated account of social and historical developments of contemporary China (from 1912 to the early 1990s) through a study of selected literary texts and films. No knowledge of Chinese is required.

**242.301**  
**Chinese 3A**  
15 credits  
Provides students with pre-advanced level proficiency in Putonghua (Mandarin), building on skills in reading, writing, listening and speaking. Pre-advanced level structures, vocabulary and characters extend and refine linguistic capabilities through oral and written exercises, and students will acquire comprehension and communication skills to deal confidently and accurately with various situations.

**242.302**  
**Chinese 3B**  
15 credits  
Provides students with advanced level proficiency in Putonghua (Mandarin), building on skills in reading, writing, listening and speaking. Advanced level structures, vocabulary and characters extend and refine linguistic capabilities through oral and written exercises, and students will acquire greater comprehension and communication skills to deal confidently and accurately with various situations.

**242.304**  
**Contrastive Study of Chinese and English**  
15 credits  
A systematic study of Chinese grammar based on contrastive analysis as an approach to develop communicative skills through increased language awareness. Topics include basic concepts, sentence structure, special verbal constructions, tense and aspect, and complements.

**242.305**  
**Translation from and into Chinese**  
15 credits  
An advanced introduction to the theory and practice of translation from and into Chinese, with an emphasis on the development and application of written translation skills.

**242.395**  
**Individual Research Project in Chinese Studies**  
15 credits  
An advanced-level research project on an approved topic about Chinese language, literature, history, politics or other cultural aspect.

**242.102**  
**Japanese 1B**  
15 credits  
This course builds on the introductory level proficiency in Japanese established in 242.101 Japanese 1A developing further basic competence in Japanese listening, speaking, reading and writing skills. An additional 87 kanji are learnt. An increased range of sentence structures and vocabulary useful for everyday situations and interactions in Japan are introduced.

**242.103**  
**Introduction to Japanese Culture**  
15 credits  
An overview of the cultural development of Japan from early times to the present.

**242.201**  
**Japanese 2A**  
15 credits  
This course provides students with a pre-intermediate level of reading, writing, listening and speaking proficiency in Japanese building on skills established in prior study. Student will use a range of written and oral exercises to practise new grammatical structures, vocabulary and approximately 80 new kanji, and will acquire the tools to discuss topics of relevance to themselves and Japanese culture and society at an appropriate level.

**242.202**  
**Japanese 2B**  
15 credits  
This course further develops students’ reading, writing, listening and speaking proficiency in Japanese at pre-intermediate level, extending skills gained in 242.201 Japanese 2A. Student will continue to use a range of written and oral exercises to practise new grammatical structures, vocabulary and approximately 100 new kanji, and will improve their ability to discuss topics of relevance to themselves and Japanese culture and society at an appropriate level. The use of respect language (keigo) will also be introduced.

**242.203**  
**Japanese Language and Society**  
15 credits  
An exploration of language use as a reflection of Japanese culture and social structures.

**242.205**  
**Japanese Cinema**  
15 credits  
This course will introduce Japanese cinema in English translation as an art form that strongly reflects its culture. Traditional samurai films, contemporary social problem films and animations are used to explore how films address issues of modernity and national identity. No previous knowledge of Japanese language, history, or culture is required.

**242.301**  
**Japanese 3A**  
15 credits  
This course provides students with a pre-advanced level of reading, writing, listening and speaking proficiency in Japanese building on skills established in prior study. Students will continue to extend and refine their ability in Japanese through using a range of exercises practising more advanced vocabulary and idioms, grammatical structures, respect language (keigo) and approximately 244 new kanji. Students will be expected to develop comprehension and communication skills to deal confidently and accurately with various situations.

**242.302**  
**Japanese 3B**  
15 credits  
This course further extends students’ Japanese proficiency in reading, writing, listening and speaking to advanced level, building on skills established in 242.301 Japanese 3A. Students will continue to further extend and refine their ability in Japanese through practising an increased range of vocabulary and idioms, grammatical structures, respect language (keigo) and approximately 208 new kanji. Students will be expected to develop their comprehension and communication skills for confident and accurate use in more varied situations.

**242.304**  
**Reading and Writing about Current Japan**  
15 credits  
Selected issues of contemporary Japanese society will be studied through the medium of texts in the Japanese language. Further development of Japanese skills in reading and writing.
### FRENCH

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>243.101</td>
<td>Introductory French Language I</td>
<td>15</td>
</tr>
<tr>
<td>243.102</td>
<td>Introductory French Language II</td>
<td>15</td>
</tr>
<tr>
<td>243.201</td>
<td>Intermediate French Language I</td>
<td>15</td>
</tr>
<tr>
<td>243.202</td>
<td>Intermediate French Language II</td>
<td>15</td>
</tr>
<tr>
<td>243.301</td>
<td>Advanced French Language</td>
<td>15</td>
</tr>
<tr>
<td>243.304</td>
<td>Contemporary French Popular Culture</td>
<td>15</td>
</tr>
<tr>
<td>243.305</td>
<td>Close Encounters - New Zealand Seen Through French Eyes</td>
<td>15</td>
</tr>
</tbody>
</table>

### SPANISH

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>245.101</td>
<td>Introductory Spanish Language I</td>
<td>15</td>
</tr>
<tr>
<td>245.102</td>
<td>Introductory Spanish Language II</td>
<td>15</td>
</tr>
<tr>
<td>245.103</td>
<td>Hispanic Culture and Heritage</td>
<td>15</td>
</tr>
<tr>
<td>245.201</td>
<td>Intermediate Spanish Language I</td>
<td>15</td>
</tr>
<tr>
<td>245.202</td>
<td>Intermediate Spanish Language II</td>
<td>15</td>
</tr>
<tr>
<td>245.203</td>
<td>The Sound of Spanish: Diction, Dialects and Diversity</td>
<td>15</td>
</tr>
<tr>
<td>245.204</td>
<td>Latin American Voices</td>
<td>15</td>
</tr>
<tr>
<td>245.301</td>
<td>Advanced Spanish Language</td>
<td>15</td>
</tr>
<tr>
<td>245.302</td>
<td>Theory and Practice of Spanish Translation</td>
<td>15</td>
</tr>
<tr>
<td>245.303</td>
<td>Latin American Rhythms and Politics: From Tango to Rock</td>
<td>15</td>
</tr>
<tr>
<td>245.304</td>
<td>Travellers’ Tales: the Invention of Latin America</td>
<td>15</td>
</tr>
<tr>
<td>245.305</td>
<td>Spanish Conversation on Film</td>
<td>15</td>
</tr>
<tr>
<td>245.700</td>
<td>Advanced Spanish Communication</td>
<td>30</td>
</tr>
<tr>
<td>245.701</td>
<td>Latin American Cultural Identities</td>
<td>30</td>
</tr>
</tbody>
</table>
Hispanic Postcolonial Representations
Study of a diversity of literary and cultural discourses that exemplify the legacy and impact of and response to the various colonial and neo-colonial encounters that have characterised the Spanish-speaking cultures in different regions worldwide.

Research Report
A supervised and guided independent study resulting in a final Report.

Research Report Spanish (60)

Thesis 120 Credit Part 1
A supervised and guided independent study presented in a form suitable for publication.

Thesis 120 Credit Part 2
A supervised and guided independent study presented in a form suitable for publication.

Thesis 90 Credit Part 1
A supervised and guided independent study presented in a form suitable for publication.

Thesis 90 Credit Part 2
A supervised and guided independent study presented in a form suitable for publication.

Thesis
A supervised and guided independent study presented in a form suitable for publication.

Thesis
A supervised and guided independent study presented in a form suitable for publication.

Thesis 90 Credit Part 1
A supervised and guided independent study presented in a form suitable for publication.

Thesis 90 Credit Part 2
A supervised and guided independent study presented in a form suitable for publication.

Thesis
A supervised and guided independent study presented in a form suitable for publication.

Thesis
A supervised and guided independent study presented in a form suitable for publication.

Thesis 90 Credit Part 1
A supervised and guided independent study presented in a form suitable for publication.

Core Skills for Natural Scientists
This course introduces the sociology of science and develops the fundamental tools necessary for undertaking scientific inquiry and disseminating the scientific knowledge and understanding gained from these inquiries.

Systems and Models in the Natural Sciences
This course integrates the scientific concepts of Systems and Models into the study of the Natural Sciences. Critical analyses of these concepts are used to enhance the students understanding and development of the fundamental tools required for undertaking scientific inquiry.

GENETICS

Bacteriophage Discovery and Genomics
A course in which students will participate in a ‘hunt’ for new bacteriophages - viruses that target and destroy specific strains of bacteria. Students in this course will isolate, name and sequence a bacteriophage that they discover, while learning about microbiology and practicing the skills needed to work in the field of microbiology. Massey University is one of over 90 institutions that participate in the HHMI Science Education Alliance Phage Hunters Advancing Genomics & Evolutionary Science (SEA PHAGES) programme. Students will learn about this fascinating aspect of the microbial world while building practical laboratory skills and learning how to use state of the art software to analyse genomes. In addition, students in this course will personally and publicly hone their written and oral communication skills.

NATURAL SCIENCES

Science and Sustainability
This course examines the major scientific issues behind our understanding of sustainability including: biodiversity, population, food and water resources, energy, climate change, and policy-making. Learning will be achieved through lectures, class discussions and enquiry-based group projects.

Core Skills for Natural Scientists
This course introduces the sociology of science and develops the fundamental tools necessary for undertaking scientific inquiry and disseminating the scientific knowledge and understanding gained from these inquiries.

Systems and Models in the Natural Sciences
This course integrates the scientific concepts of Systems and Models into the study of the Natural Sciences. Critical analyses of these concepts are used to enhance the students understanding and development of the fundamental tools required for undertaking scientific inquiry.

247

COLLEGE OF SCIENCES COURSES

Foundation Mathematics 1
This course introduces students to basic mathematical and statistical concepts. Content includes numeric and algebraic skills, functions, graphs and statistics. The course is designed to lead into 100-level courses that require basic mathematics and/or statistics.

Foundation Mathematics 2
This course introduces students to fundamental mathematical and statistical concepts. Content includes algebra, functions, calculus and statistics. The course is designed to lead into 100-level courses that require algebraic fluency.

Foundation Physical Sciences
This course focuses on basic physical concepts including, units of measurement, dynamics and forces, as well as the properties of atoms, atomic structure, and basic concepts of chemistry.

Foundation Biological Sciences
An introduction to cells as the unit of life, evolution as biology’s unifying theme, DNA and molecular genetics; the diversity of life, and organisms and their environment.

Communication in the Sciences
A course designed to introduce science students to the communication skills required for a science-related career. Students will learn how knowledge is made in science, how science documents are developed to communicate to a target audience, and how to work within a team in a science-related context. Students will develop skills in information literacy, rhetorical analysis, report writing, developing a position course, presenting information to an audience through a structured seminar, accurate integration of secondary source material (primary, secondary and tertiary literature), data collection and presentation, team analysis and appropriate scientific style (clarity, concision, correctness, and narrative technique).

Written Communication for Information Sciences
Students learn to express their ideas effectively in writing in a manner appropriate to both the university and the information technology industry. Regular and focused writing practice is an essential component of the course.

Special Topic
A course of study which will be designed to either meet the individual requirements of a student in a special circumstance or be used to facilitate development of a new course.

New Zealand Internship Experience
Practice and experience working within the New Zealand agri-food or wildlife management sector. Students will follow an agreed work plan and
will document and present their internship experience through various communication channels.

247.292 15 credits
Special Topic
A 200-level course available for use in special cases to assist in completion of a student undergraduate programme.

BIOLOGY
247.300 15 credits
Research in Biosciences
The course provides an opportunity for third year undergraduate students in the biological sciences to gain research experience in an academic laboratory. Under supervision of faculty students will develop a short research proposal, carry out the proposed research, write a research report, and present their findings.

COLLEGE OF SCIENCES COURSES
247.310 30 credits
ICT Industry Engagement Project
Students participate in the production of a significant software application in an ICT industry context. Students work in an industry-led team and are fully engaged at a detailed level in at least one (or more) of the research, design, implementation, management and/or testing phases of software development.

247.392 15 credits
Special Topic
A 300-level course available for use in special cases to assist in completion of a student undergraduate programme.

247.712 30 credits
Advanced Topics in Molecular Biology
This course will involve use of the current literature to critically examine the experimental systems used to advance knowledge in Molecular Biology.

247.782 15 credits
Special Topic
A course of study which will be designed to either meet the individual requirements of a student in a special circumstance or be used to facilitate development of a new course.

247.783 15 credits
Special Topic
A course of study which will be designed to either meet the individual requirements of a student in a special circumstance or be used to facilitate development of a new course.

STATISTICS
247.790 15 credits
Special Topic Applied Statistics

247.791 15 credits
Special Topic in Data Analysis

COLLEGE OF SCIENCES COURSES
247.792 15 credits
Special Topic
A course of study which will be designed to either meet the individual requirements of a student in a special circumstance or be used to facilitate development of a new course.

247.793 15 credits
Special Topic
A course of study which will be designed to either meet the individual requirements of a student in a special circumstance or be used to facilitate development of a new course.

247.795 90 credits
BSc Honours Research Portfolio
A Research Portfolio including: (1) Preparation of a research proposal incorporating literature review, research planning, assessment of ethical issues, and methodology; (2) Completion of a Research Project; (3) Production of a Research Dissertations; Presentation of a Seminar.

249
INCLUSIVE EDUCATION
249.284 15 credits
Introduction to Equity and Inclusion in Education
Students will examine and evaluate equity and inclusion in New Zealand education for children and young people with disabilities, including: historical and human rights developments; cultural implications; influential theoretical models; and the development of inclusive cultures and approaches to teaching and learning.

249.285 15 credits
Understanding Learners with Diverse Needs
An examination of teaching strategies, educational implications and learning needs associated with particular disabilities and impairments.

249.286 15 credits
Equity and Diversity in Education
Explores critical issues related to equity and diversity in life-long and life-wide learning. Examines the role of education in the marginalisation and exclusion of learners, how these inequities are reproduced, and the principles and practices that promote equity.

249.287 15 credits
Early Intervention
An investigation of current early intervention services and of the methods used in identification, assessment and teaching of young children with special needs.

249.334 15 credits
Creating Inclusive Classrooms
A study of children who have special needs, including learning disabilities, intellectual, sensory or physical handicaps, behavioural disorders or special abilities. Emphasis is placed on the translation of research findings and theory into practice.

249.382 15 credits
Teaching Strategies for Diverse Learners
Teachers will analyse theory and research underlying a range of teaching approaches and assessment, and collect assessment data and develop a programme to meet one student’s special needs.

249.384 15 credits
Consultation and Collaboration in Inclusive Education
An examination of methods and practices used in a consultative approach to assist learners with special needs in an inclusive educational environment.

249.700 0 credits
Braille Proficiency
In order to complete the Postgraduate Diploma in Specialist Teaching (Blind and Low Vision), evidence that the candidate has successfully completed the Trans-Tasman Braille Proficiency Examination (Unified English Braille) must be submitted.

249.741 30 credits
Assessment and Planning for Learners with Diverse Needs
A study of contemporary assessment and programming practices for students with special needs. The implications of theory and research for teaching practice will be stressed.

249.742 30 credits
Teaching Methods for Learners with Diverse Needs
A study of contemporary teaching approaches for different areas of special needs, with a particular emphasis on the implications of theory and research for teaching practice.

249.744 30 credits
Understanding Learners with Behaviour Difficulties
An advanced study of emotional and behavioural difficulties. Major topics include terminology, definition, classification, contributing causes, theoretical perspectives, behavioural characteristics, educational and ethical considerations, and remediation with a focus on the ecological perspective.

249.745 30 credits
Theory and Foundations of Autism Spectrum Disorder
An advanced study of theoretical and research-based foundations of specialist teaching relating to understanding, recognising, assessing and providing for learners with Autism Spectrum Disorder.
249.746 30 credits
Theory and Foundations of Blind and Low Vision Education
An advanced study of theoretical and research-based foundations for specialist teachers relating to the understanding of the development and learning needs of students who are blind or have low vision.

249.749 30 credits
Evidence-based Interprofessional Practice in Autism Spectrum Disorder
An examination of evidence-based practices in the education of learners with Autism Spectrum Disorder, including common professional practices of specialist teachers and other educational and health professionals involved in special and inclusive education.

249.750 30 credits
Practicum Autism Spectrum Disorder
A supervised practicum working with learners with Autism Spectrum Disorder.

249.751 30 credits
Evidence-based Interprofessional Practice in Blind and Low Vision Education
An examination of evidence-based practices for specialist teachers of learners who are blind or low vision, including common professional practices of specialist teachers and other educational and health professionals involved in special and inclusive education.

249.752 30 credits
Practicum in Blind and Low Vision Education
A supervised practicum working with learners who are blind or have low vision.

249.753 30 credits
Theory and Foundations of Learning and Behaviour Diversity
An advanced study of theoretical and research-based foundations of specialist teaching relating to understanding, recognising, assessing and providing for learners who have needs in the area of Learning and Behaviour.

249.754 30 credits
Evidence-based Interprofessional Practice in Learning and Behaviour Diversity
An examination of evidence-based practices in the area of Learning and Behaviour, including common professional practices of specialist teachers and other educational and health professionals involved in special and inclusive education.

249.755 30 credits
Practicum in Learning and Behaviour Diversity
A supervised practicum in the area of Learning and Behaviour difficulties.

249.760 30 credits
Theory and Foundations of Complex Educational Needs
An advanced study of theoretical and research-based foundations of specialist teaching relating to understanding, recognising, assessing and providing for learners who have complex educational needs.

249.761 30 credits
Evidence-based Interprofessional Practice in Complex Educational Needs
An examination of evidence-based practices for specialist teachers of learners who have complex educational needs, including common professional practices of specialist teachers and other educational and health professionals involved in special and inclusive education.

249.763 30 credits
Practicum in Complex Educational Needs
A practicum to support the inclusion of learners with complex educational needs in education.

249.770 15 credits
Supervision and Mentoring in Specialist Teaching
This course critically examines advanced theory and practice in the area of mentoring and supervision in special and inclusive education. Students will engage in practical applications in their teaching and learning context.

249.771 15 credits
Additional Areas of Specialist Teaching
An advanced study of theoretical and research-based foundations of specialist teaching relating to understanding, recognising, assessing and providing for learners who have needs in the areas of: Autism Spectrum Disorder; Blind and Low Vision; Complex Educational Needs; Gifted and Talented; and Learning and Behaviour.
health communication; audience engagement and persuasion; the impact of evolving public attitudes to health knowledge; innovative methods for health communication.

HEALTH

250.704 15 credits
Special Topic

250.705 30 credits
Special Topic

250.741 30 credits
Managing Professional Practice
The management and leadership of health professional practice in the New Zealand context is examined and discussed.

250.801 30 credits
Special Topic

251

OCCUPATIONAL HEALTH AND SAFETY

251.100 15 credits
Work and Health
An exploration of the fundamental relations between work and health. Including: meaning of work, components of good work and workplace health and safety hazards and their impact on human health and organisational sustainability, and a historical introduction to regulation and management of occupational health and safety.

251.271 15 credits
Occupational Health and Safety I
An introduction to Occupational Health and Safety and its application to workplaces in New Zealand. The course will explore the complex relationship between health and safety, factors in the working environment affecting health and safety and systems intended to regulate and manage the working environment.

251.272 15 credits
Occupational Health and Safety II
A detailed study of hazards commonly found in the work environment.

251.370 15 credits
Health and Safety Auditing

251.372 15 credits
Occupational Hygiene
A study of the principles of occupational hygiene and their application to the workplace in New Zealand. Topics include the recognition, evaluation and control of health hazards in the work environment; noise measurement and control; relevant legislation and standards; dust, vapour and gas measurement techniques; ventilation and case studies.

251.374 15 credits
Project in Occupational Health and Safety
An applied research course in which the student conducts an extended, systematic enquiry into a particular topic in occupational safety and health.

251.375 15 credits
Special Topic in Occupational Health and Safety
A special topic in Occupational Health and Safety.

251.731 30 credits
Advanced Occupational Safety and Health
An examination of current issues in Occupational Safety and Health and issues commonly found in the work environment.

251.770 30 credits
Health and Safety Auditing
A comprehensive examination and critical analysis of current theories and practice in relation to auditing and assessing organisational health and safety performance.

251.772 30 credits
Advanced Occupational Hygiene
An advanced course studying the current issues in occupational safety and health, which involves the recognition, evaluation and control of health hazards in the work environment, including the study of noise, ventilation systems and air pollution.

251.773 30 credits
Hazard Management
A comprehensive analysis of Hazard Management and the application of Hazard Management methodologies and legislation.

251.775 30 credits
Special Topic in Occupational Safety and Health

SLEEP AND CIRCADIAN SCIENCE

252

252.201 15 credits
Sleep, Circadian Rhythms, and Shift Work
This course provides an introduction to sleep and circadian science, emphasising their vital importance for understanding human health, recovery, and performance. It explores the challenges to sleep and circadian physiology posed by the 24/7 society, and examines the sleep health of New Zealanders.

252.301 15 credits
Sleep, Health and Performance
This course extends fundamental concepts in sleep and circadian science. It examines the causes and consequences of sleep loss, as well as misalignment of the circadian body clock with the day/night cycle. The course has a particular emphasis on the impact of sleep duration, quality and timing, and circadian dysregulation, on health and performance.

252.701 30 credits
Sleep and Circadian Science for Health Practitioners
An examination of sleep and circadian science in relation to health and healthcare, including healthy sleep, sleep disorders and sleep in those with medical conditions.

252.702 30 credits
Sleep, Fatigue Risk Management and Occupational Safety and Health
The application of sleep and circadian science in fatgue risk management, shift work, and occupational health and safety. An overview of the organisational processes required to implement a fatigue risk management system, as well as regulatory requirements for management of fatigue and shift work in occupational safety and health.

COUNSELLING AND GUIDANCE

253

253.250 15 credits
Counselling Principles and Practice
An examination of the fundamental principles of counselling, with particular emphasis on the central assumptions, theoretical constructs and applications of major approaches.

253.255 15 credits
Cultural Issues in Counselling
An examination of selected cultural issues relevant to counselling theory and process.

253.353 15 credits
Guidance Principles and Practice
An examination of the fundamental principles of guidance. Guidance practice is studied, focusing on roles, organisation and intervention procedures.

253.355 15 credits
Professional Issues in Counselling
An in-depth consideration of significant professional issues in the field of counselling.

253.750 30 credits
Counselling Theory
A study of the theoretical bases of counselling. The course examines the place of counselling in society, its philosophical foundations, empirical status and major principles. Particular emphasis is given to selected approaches.

253.753 30 credits
Guidance in Education
A study of guidance in educational settings. Attention is given to the philosophical foundations of guidance, its social implications, organisation and roles. Intervention procedures for individuals and groups are examined.
### EDUCA 254

#### EDUCATION STUDIES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>254.101</td>
<td>15</td>
<td>An Introduction to Social and Cultural Studies in Education</td>
<td>A critical examination of social, cultural, political, historical and philosophical influences on the development of education in Aotearoa/New Zealand and internationally.</td>
</tr>
<tr>
<td>254.102</td>
<td>15</td>
<td>Introduction to Professional and Ethical Practice in Different Learning Contexts</td>
<td>An introduction to the practice of professionals working with learners with multicultural and diverse needs. Providing a theoretical overview of ethical and professional practice and observational experience of professionals in action.</td>
</tr>
<tr>
<td>254.103</td>
<td>15</td>
<td>Learning in the Digital Age</td>
<td>An introduction to the relationship between learning and digital technologies within formal, non-formal and informal settings. An emphasis is placed on the changing conceptions of literacy in the digital age.</td>
</tr>
<tr>
<td>254.162</td>
<td>15</td>
<td>Introduction to Literacy and Numeracy</td>
<td>An introduction to the development of specialised subject content and pedagogical content knowledge for teachers of literacy and numeracy in Aotearoa/New Zealand.</td>
</tr>
<tr>
<td>254.201</td>
<td>15</td>
<td>Philosophy of Education</td>
<td>This course explores the philosophical complexities of education in its personal, institutional and social dimensions. Students will be introduced to some of the major debates in philosophy of education and engage in the critical and continual practice of applying philosophy across the many contexts of education.</td>
</tr>
<tr>
<td>254.203</td>
<td>15</td>
<td>Sociologically Imagining Education</td>
<td>This course explores the sociology of education by critically inquiring into the relationship between personal experience, education and society. Students will be introduced to primary sociological concepts like race, class and gender to critically reflect on education.</td>
</tr>
<tr>
<td>254.210</td>
<td>15</td>
<td>Historical Perspectives on Education</td>
<td>An exploration of the ways New Zealand's current education institutions have been influenced by evolving philosophies of education, alongside key historical, sociological, ideological, political, and economic forces.</td>
</tr>
<tr>
<td>254.231</td>
<td>15</td>
<td>Curriculum Theory, Policy and Practice</td>
<td>An introduction through the skills of critical analysis to the politics of curriculum formation and implementation. A study of the historical basis of curriculum formation in Aotearoa/New Zealand, broad curriculum traditions, curriculum in relation to class, cultural, ethnic and gender differences and the move to education marketisation.</td>
</tr>
<tr>
<td>254.301</td>
<td>15</td>
<td>Philosophy of Education II</td>
<td>A philosophical study of teaching with a focus on the ethics of selected aspects of educational and classroom practice of concern to teachers, parents and students.</td>
</tr>
<tr>
<td>254.303</td>
<td>15</td>
<td>Advanced Sociology of Education</td>
<td>An analysis of the social processes that generate inequality in education.</td>
</tr>
<tr>
<td>254.304</td>
<td>15</td>
<td>Critical Theories of Education</td>
<td>Education as an everyday practice is the focus for critical theories of education. This course explores ways education has been theorised as a practice of liberation as well as a practice of oppression. Students will use these concepts to examine the role of education in shaping the social structure of Aotearoa New Zealand.</td>
</tr>
<tr>
<td>254.330</td>
<td>15</td>
<td>Philosophy for Children</td>
<td>An introduction to the history, theory and practices of encouraging children to think philosophically.</td>
</tr>
<tr>
<td>254.336</td>
<td>15</td>
<td>Learning in the Digital World</td>
<td>This course is an exploration of what it means to be a learner in digital social worlds.</td>
</tr>
<tr>
<td>254.337</td>
<td>15</td>
<td>Teaching and Learning with Pasifika Peoples in NZ</td>
<td>An examination of the educational experiences of Pasifika peoples in New Zealand in formal and informal settings both in the past and present with a focus on effective teaching and learning practices.</td>
</tr>
<tr>
<td>254.340</td>
<td>15</td>
<td>Politics of Education</td>
<td>This course considers the politics of education in Aotearoa New Zealand, using current social issues and education policy reforms to examine role of education in a democracy.</td>
</tr>
<tr>
<td>254.377</td>
<td>15</td>
<td>Teaching and Learning Languages up to Year 10</td>
<td>This course provides students with an overview of the theory and practice of teaching languages in New Zealand schools up to Year 10 level.</td>
</tr>
<tr>
<td>254.701</td>
<td>30</td>
<td>Ethics in Education</td>
<td>A critical study of the ethics of selected aspects of educational policy and practice.</td>
</tr>
<tr>
<td>254.702</td>
<td>30</td>
<td>Facing Big Questions in Education</td>
<td>An interdisciplinary study of important questions around pedagogy, learning, curriculum and assessment, which challenge teachers in a variety of educational settings. The course will help teachers develop purposeful and practical connections between scholarly work and their own practice.</td>
</tr>
<tr>
<td>254.704</td>
<td>30</td>
<td>Education and Historical Analysis</td>
<td>An advanced study using case studies of the ways in which education historians have analysed education in New Zealand and elsewhere.</td>
</tr>
<tr>
<td>254.706</td>
<td>30</td>
<td>Advanced Studies in Curriculum Policy and Practice</td>
<td>A study of historical and contemporary curriculum from formation to practice. Changes in curriculum and assessment are examined in the light of local and global influences. Students apply theory and practice-based research to issues of knowledge, learning, teachers' work, students' experiences and school-based curricula.</td>
</tr>
</tbody>
</table>
EDUCATIONAL AND DEVELOPMENTAL PSYCHOLOGY

256.201 Educational Psychology
An examination of the contribution of psychology to an understanding of educational processes with a focus on the learner, learning processes and instruction. Issues of theory, research and application will be studied in a variety of educational situations.

256.303 Sustainable Learning
An analysis of how to best support learning and teaching in educational settings through the application of Western and Maori frameworks.

256.304 Positive Behaviour for Learning
This course provides in depth exploration of the strategies and interventions for maintaining positive learning environments that support effective school engagement and achievement.

PSYCHOLOGY

256.701 Ako: Psychology of Learning and Teaching
A study of how learners and teachers process within an ecological and developmental framework emphasising what learners bring to their learning and factors that support and hinder engagement. A focus on the use of psychological tools for learning/teaching (use of language, literacy and numeracy) allows in depth consideration of complex higher order processes and how they can be developed.

256.702 Ahurei: The Psychology of Unique Differences
A study of how learners and teachers bring their diversity (defined by sociocultural, medical, developmental, and psychological frameworks) to their learning and teaching. A critical analysis of the way society and government systems defines and responds to diversity is central to this course, as is consideration of how contemporary inclusive education and positive psychology can better support learning for all.

256.703 He Taiao Ako: Psychology of Educational Settings
A study of formal and informal educational settings, beginning with the teaching-learning relationship that is parenting, and moving through formal child and adolescent educational contexts into adult education. The psychological frameworks that help us understand the complexity of these settings and the interactions that occur within them are examined, along with how best to approach professional work in these settings.

256.704 Waiora: Psychology of Wellbeing and Ako
A study of traditional and contemporary positive approaches to understanding and responding to mental health and wellbeing needs. A focus on the roles of schools in promotion and prevention is provided with reference to systemic, whole school, small group, and individual interventions. Evidence-based approaches to intervention are introduced, along with processes for risk-assessment in relation to mental health.

256.705 Whanaungatanga: Psychology of Relationships in Ako
A study into space for relationships and relationship trust that underpin development and learning. The role of tikanga and psychological approaches that rely on relationships, such as interviewing, counselling, mediation, conflict resolution are explored, along with the multi-disciplinary situations that are inherent in educational and developmental psychology.

EDUCATIONAL AND DEVELOPMENTAL PSYCHOLOGY

256.744 Educational Issues Among Pacific Islands Peoples in New Zealand
A critical examination of current issues in education which affect Pacific Islands peoples in New Zealand. Students will consider the place of Pacific Islands peoples in New Zealand society and design strategies for meeting their educational needs within specified professional fields of interest.

256.765 Core Theory and Foundations of Specialist Teaching
Advanced study of generic core theory and foundations of specialist teaching common to professionals working in relevant areas.

256.773 Educational Policy Analysis
An analysis of selected policy issues, theories and methods in the analysis of educational policies.

256.774 Evaluation of Educational Organisations
A study of approaches used for evaluating educational institutions with emphasis on issues around school effectiveness and improvement including global influences of standardization and control, and ethical and culturally appropriate practices.

256.775 Management of Human Resources in Educational Organisations
A study of issues in and strategies for the effective management of personnel in educational organisations.

256.794 Ahurei: The Psychology of Unique Differences
A study of how learners and teachers bring their diversity (defined by sociocultural, medical, developmental, and psychological frameworks) to their learning and teaching. A critical analysis of the way society and government systems defines and responds to diversity is central to this course, as is consideration of how contemporary inclusive education and positive psychology can better support learning for all.

256.795 Whakapiki: Psychology of Change and Development
A study of models and approaches that support the instigation and facilitation of change at the system, classroom, home, or individual levels. Contemporary practice in talking therapies, motivational interviewing, and brief therapy are explored and consideration is also given to specific issues such as disaster response, the impacts of trauma, principles of psychological recovery and the development of resilience.
256.845  Advanced Professional Practice in Educational Psychology II
Continued advanced study and supervised professional practice in Educational Psychology with particular emphasis on the Core Competencies (NZ Psychologists Board) required for clinical practice.

258.720  Foundations of Literacy Education
An advanced study of the acquisition of literacy skills in students focusing on how knowledge of language structure and the cognitive processes involved in literacy learning can be translated into effective teaching practices.

258.721  Teaching Students with Literacy Learning Difficulties
An examination of best practices for the assessment and teaching of students with literacy learning difficulties.

258.722  The Nature, Prevention and Remediation of Literacy Learning Difficulties
An advanced study of theory and research on reading and writing difficulties experienced by students focusing on intervention strategies/programmes that can be used to help these students overcome their literacy learning problems.

258.723  Teaching Writing in the Classroom
An advanced study of research into written composition development; strategies for enhancing student competencies and for overcoming specific areas of need in writing in contemporary classrooms.

259  EDUCATIONAL ADMINISTRATION AND LEADERSHIP

259.771  Educational Leadership in Action
A study of leadership in action including reflective practice, professional and curriculum leadership, and decision-making in education, based on selected organisational and policy contexts.

259.772  Theory and Process in Educational Leadership
A critical examination of discourses, policies and practices of educational organisation, leadership and reform.

259.776  Gender Issues and Educational Leadership
This course examines a range of social justice issues and challenges for educational leaders that emerge out of intersections between gender, sexuality and ethnicity.

259.777  Leadership and Learning in Diverse Contexts
This course examines educational leadership aims and practice within an Aotearoa / New Zealand context, through critical self reflection, drawing on local and international research and literature about leadership, learning and change.

259.780  Language Policy and Assessment
A critical study of theory, research, practice and current trends in English language policy, planning and assessment in an educational context.

260  SECONDARY TEACHING

260.420  Teaching Mathematics
This course provides students with an overview of the theory and practice of teaching Mathematics in the context of the New Zealand Curriculum Framework at secondary school level.

260.421  Teaching Senior Mathematics
An introduction to the teaching of Mathematics in Years 11, 12 and 13.

260.422  Teaching Science
This course provides students with an overview of the theory and practice of teaching Science in the context of the New Zealand Curriculum Framework at secondary school level.

260.423  Teaching Senior Agriculture/Biology/Horticulture
An introduction to the teaching of Agriculture/Biology/Horticulture in Years 11, 12 and 13.
260.424 15 credits
Teaching Senior Chemistry
An introduction to the teaching of Chemistry in Years 11, 12 and 13.

260.425 15 credits
Teaching Senior Physics
An introduction to the teaching of Physics in Years 11, 12 and 13.

260.426 15 credits
Teaching Technology
This course provides students with an overview of the theory and practice of teaching technology in the context of the New Zealand curriculum at secondary school level.

260.427 15 credits
Teaching Senior Technology
An introduction to the teaching of Technology in Years 11, 12 and 13.

TECHNOLOGY, SCIENCE AND MATHEMATICS EDUCATION

260.428 15 credits
Teaching Graphics
An introduction to the teaching of Graphics in Years 9 to 13.

SECONDARY TEACHING

260.429 15 credits
Teaching Languages
An introduction to the teaching of languages in the New Zealand secondary school setting.

260.430 15 credits
Teaching Senior Languages
An introduction to the teaching of languages in Years 11, 12 and 13.

260.431 15 credits
Teaching English
This is a generic course which will provide an overview of the theory and practice of teaching English in the context of the New Zealand Curriculum Framework at secondary school level.

260.432 15 credits
Teaching Senior English
An introduction to the teaching of English in Years 11, 12 and 13.

260.433 15 credits
Teaching Drama
An introduction to the teaching of Drama in Years 9 to 13.

260.434 15 credits
Teaching Social Studies
This course provides students with an overview of the theory and practice of teaching Social Studies in the context of the New Zealand Curriculum Framework at secondary school level.

260.435 15 credits
Teaching Senior History
An introduction to the teaching of History in Years 11, 12 and 13.

260.436 15 credits
Teaching Senior Geography
An introduction to the teaching of Geography in Years 11, 12 and 13.

260.437 15 credits
Teaching Senior Commerce
An introduction to the teaching of Economics in Years 11, 12 and 13.

260.438 15 credits
Teaching Music
This course provides students with an overview of the theory and practice of teaching music in the context of the New Zealand curriculum at secondary school level.

260.439 15 credits
Teaching Senior Music
This course provides students with an overview of the teaching of secondary school music in years 11, 12 and 13.

260.440 15 credits
Musicianship for School Instrumental Music Teachers
The development of skills and knowledge in musical performance and leadership as appropriate to instrumental Music teaching in the school setting.

260.441 15 credits
Teaching Health and Physical Education
This course provides students with an overview of the theory and practice of teaching Health and Physical Education in the context of the New Zealand Curriculum Framework at secondary school level.

260.442 15 credits
Teaching Senior Physical Education
An introduction to the teaching of Health and Physical Education in Years 11, 12 and 13.

260.443 15 credits
Teaching Health
An introduction to the teaching of Health Education in years 9 and 10.

260.444 15 credits
Teaching Visual Arts
This course provides students with an overview of the theory and practice of teaching the visual arts in the context of the New Zealand curriculum at secondary school level.

260.445 15 credits
Teaching Senior Visual Arts
This course provides students with an overview of the theory and practice of teaching the visual arts in Years 11, 12 and 13.

260.446 15 credits
Teaching Senior Art History
An introduction to the teaching of Art History in Years 12 and 13.

260.483 15 credits
Secondary Teaching Experience I
This course introduces students to pedagogical knowledge in educational contexts and prepares for personal and professional growth through ongoing reflection.

260.484 15 credits
Secondary Teaching Experience II
This course provides students with the opportunity to extend and diversify their pedagogical knowledge through the synthesis and application of teaching skills and reflective practice.

260.490 15 credits
Teaching in Context I
An examination of the roles and responsibilities of teachers in promoting learning for all learners. Drawing on international research, students will reflect on themselves as learners and teachers together with factors that influence learning and teaching.

260.491 15 credits
Teaching in Context II
An examination of the roles and responsibilities of teachers in promoting learning. Drawing on international research, students will reflect on and analyse the relationship between social, cultural, historical, and contemporary educational contexts and their influence on learning and teaching.

260.492 15 credits
Teaching and Learning in a Secondary Context
An examination of the roles and responsibilities of teachers in promoting learning for adolescent learners within a secondary context. Drawing on international research, students will reflect on and analyse a range of contextual factors and their influence on learning and teaching in secondary school educational settings.

260.760 30 credits
Secondary Curriculum 1
An introduction to and analysis of the professional requirements of the New Zealand Curriculum and assessment frameworks.

260.761 30 credits
Secondary Curriculum 2
Clinical application and analysis of learning areas in the New Zealand Curriculum and of assessment frameworks.

E-LEARNING

261.760 30 credits
Instructional Design for E-Learning
This course provides an introduction to formal instructional design processes. It links general instructional design theories, issues in instructional design for E-Learning and practical instructional design activity in context. Special
attention to the role of technologies and the particular issues associated with networked/online delivery of educational programmes.

261.764 Foundations of E-Learning
Students undertake a study of the concepts, principles and history which underpin contemporary E-Learning. The course includes a particular focus on the historical links between E-Learning and distance education, flexible delivery mechanisms, the role of technology in flexible delivery and the implied shifts in roles and responsibilities for stakeholders in educational programmes which employ E-Learning. The course includes a critical experiential learning dimension in which contemporary concepts and principles of flexible delivery are embodied in the design of the course.

261.765 Trends in E-Learning
The course is a study of the ongoing evolution of E-Learning through an examination of contemporary E-Learning research and practice. The approach to the course is generative with learner contributions forming a significant part of the ongoing evolution of course content. Topics covered include not only issues of teaching and learning, but also learning design, new/emerging technologies and support processes.

261.766 Teaching for E-Learning
An examination and critique of the principles and practices of teaching with new educational technologies emphasising analyses of implications for distance and distributed learning.

262 GIFTED AND TALENTED

262.339 The Education of Gifted and Talented Students
A study of conceptual issues associated with the education of the gifted and talented in a multicultural context. Methods of identification and educational programmes for children with special abilities are examined as well as contemporary issues.

262.751 Theory and Foundations of Gifted and Talented Education
An advanced study of theoretical and research-based foundations for understanding, identifying, and developing an individual's exceptional abilities and qualities through analysis and application of the concepts, principles, and history underpinning gifted and talented education.

262.752 Evidence-based Interprofessional Practice in Gifted and Talented Education
An examination of evidence-based practices in the education of gifted and talented students, including common professional practices of specialist teachers and other educational and health professionals involved in special and inclusive education.

262.753 Practicum in Gifted and Talented Education
A supervised practicum in gifted and talented education.

263 LEARNING AND TEACHING

263.200 Teaching as an Act of Influencing Others
An exploration of the ethics, principles, and key processes of everyday teaching and learning as a basic form of social interaction, giving students the opportunity to explore teaching and learning across the lifespan.

263.301 Learning and Motivation
A study of contemporary theory and research on motivation in educational contexts with emphasis on implications for learning and for educational practice.

263.315 Teaching and Learning in Everyday Settings
A study of informal teaching and learning practices in a workplace, volunteer, leisure, cultural or community organisation setting. Focus is on the application of everyday teaching and learning theory in a real community context where access is self-negotiated by the student.

263.331 Assessment and Learning
Assessment concepts and procedures for learning and teaching, the construction and use of educational assessments, and contemporary issues in evaluation.

263.701 Enhancing Teacher Learning and Mentoring
An advanced study of teacher learning in which a teacher examines and alters their practice and influences others in light of research and professional learning literature.

263.704 Advanced Studies in Motivation and Learning
A study of learning and the applications of national and international theory and research within learning contexts with an emphasis on contemporary learning themes.

263.705 Assessment for Learning and Teaching
Contemporary New Zealand and international assessment theory, practice and policy are examined and critiqued with application for educators in their learning context.

263.706 Adolescent Learning and Engagement
An in-depth study of the developmental and learning needs of adolescent students and the implications for teaching, assessment and curriculum. Issues are critically examined, such as international and national trends in achievement for various groups of students, engaging students in learning, schooling options and transitions.

263.760 Pedagogy 1
An examination and application of effective and culturally responsive pedagogies in clinical and community settings.

263.761 Pedagogy 2
An extended examination and application of effective and culturally responsive pedagogies in clinical and community settings.

263.860 Inquiry 1
An evidence-informed inquiry that addresses existing or emerging challenges of teaching practice.

263.861 Inquiry 2
An extended evidence-informed inquiry that addresses existing or emerging challenges of practice especially with priority learners.

264 EDUCATION SUPPORT

264.101 How People Learn
An examination of how people learn in formal and informal settings.

264.102 Classroom Management
An examination of classroom management that addresses the management of diverse behaviours whilst creating a positive learning environment.

265 EARLY CHILDHOOD EDUCATION

265.120 Principles of the Early Years Curriculum
The principles and practices of the New Zealand Early Childhood Curriculum and the junior years of the New Zealand Curriculum (essential learning areas, essential learning skills), including implementation through routines and programmes as well as the role of the adult in facilitating children’s learning.

265.289 Learning and Development in the Early Years
A study of the dynamic, socially constructed learning and development of infants, toddlers and young children (birth to eight years old). Implications for working with young children in the early years and working in partnership with family/whanau are considered.
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>265.293</td>
<td>Studies in Infants and Toddlers</td>
<td>15</td>
</tr>
<tr>
<td>265.322</td>
<td>Perspectives in Early Years Education</td>
<td>15</td>
</tr>
<tr>
<td>265.344</td>
<td>Issues in Early Childhood Education</td>
<td>15</td>
</tr>
<tr>
<td>265.374</td>
<td>Leadership in Early Childhood</td>
<td>15</td>
</tr>
<tr>
<td>265.470</td>
<td>ECE Professional Inquiry and Practice 1</td>
<td>15</td>
</tr>
<tr>
<td>265.471</td>
<td>Learning and Development in Early Childhood Education Contexts</td>
<td>15</td>
</tr>
<tr>
<td>265.472</td>
<td>Advanced Studies of Infants and Toddlers</td>
<td>15</td>
</tr>
<tr>
<td>265.473</td>
<td>Integrating Early Childhood Curriculum: Mathematics and Literacy</td>
<td>15</td>
</tr>
<tr>
<td>265.474</td>
<td>ECE Curriculum, Assessment, Planning &amp; Evaluation</td>
<td>15</td>
</tr>
<tr>
<td>265.475</td>
<td>The Arts in Early Childhood Education</td>
<td>15</td>
</tr>
<tr>
<td>265.476</td>
<td>Curriculum and Teacher Inquiry in ECE</td>
<td>15</td>
</tr>
<tr>
<td>265.736</td>
<td>Quality in Early Years Education</td>
<td>30</td>
</tr>
<tr>
<td>265.737</td>
<td>Young Children and Their Families</td>
<td>30</td>
</tr>
<tr>
<td>265.738</td>
<td>Children's Play and Learning in an Intentional Teaching Practice</td>
<td>30</td>
</tr>
<tr>
<td>265.740</td>
<td>Advanced Studies on Learning in the Early Years</td>
<td>30</td>
</tr>
</tbody>
</table>

**EDUCATION RESEARCH**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>267.390</td>
<td>Educational Research Literacy</td>
<td>15</td>
</tr>
<tr>
<td>267.470</td>
<td>Mixed Methods Research in Education</td>
<td>15</td>
</tr>
<tr>
<td>267.781</td>
<td>Research Methods in Professional Practice</td>
<td>30</td>
</tr>
<tr>
<td>267.782</td>
<td>Quantitative Research in Education</td>
<td>15</td>
</tr>
<tr>
<td>267.783</td>
<td>Qualitative Research in Education</td>
<td>15</td>
</tr>
<tr>
<td>267.790</td>
<td>Indigenous Research Methodologies</td>
<td>30</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>267.860</td>
<td>Professional Inquiry</td>
<td>60</td>
</tr>
</tbody>
</table>
**Professional Inquiry**
A critical evaluation and inquiry into an educational issue of professional interest, based on a critique of relevant theory and literature.

**Specialist Teaching Research Project**
This course allows students to conduct and report research in an area of specialist teaching using academic research conventions.

**Thesis 120 Credit Part 1**
An advanced preparation for research, including a critical review of research literature, methodological design, ethics application and a refined research proposal.

**Thesis 120 Credit Part 2**
An advanced realisation of proposed research, subsequent analysis and scholarly report.

**Specialist Teaching Professional Inquiry**
An advanced analysis of a professional practice in an area of specialist teaching to inquire into the impact of that practice. Addresses the inquiry skills fundamental to quality culturally responsive professional thinking and action in an area of specialist teaching.

**Thesis**
Course enables students to conduct and report research using academic research conventions.

---

**MĀORI MEDIUM PRIMARY TEACHING**

**Te Aho Matua Taiao o ngā Kura Kaupapa Māori I**
He titamataki kia te titiro ki te tū niaotanga o te kaiako, ki ngā akoranga taiao Māori, whakahaere ā-akomanga, te ako takitahi, ā-rōpū, ā-akomanga, ā-marautanga hoki e hīngāi pū āna ki Te Aho Matua. An introduction to the professional role of the teacher with reference to Te Aho Matua and to Māori medium professional practices, classroom organisation, learning of individuals and groups, learning environments and key curriculum areas.

**Te Kupu Tā I - Pānui Tuhituhi i Te Kura Kaupapa**
Māori medium professional practices, classroom organisation, learning of individuals and groups, learning environments and key curriculum areas.

**Te Kupu Tā II - Pānui Tuhituhi i Te Kura Kaupapa**
Māori medium professional practices, classroom organisation, learning of individuals and groups, learning environments and key curriculum areas.

---

**Advanced Directed Study in Education**
This course provides the vehicle for students to integrate the work in Parts I and II of the programme through the production and defence of a research proposal and any necessary pilot work in preparation for undertaking the thesis.

---

**Māori Medium Primary Teaching**

**Te Aho Matua Taiao o ngā Kura Kaupapa Māori I**
He titamataki kia te titiro ki te tū niaotanga o te kaiako, ki ngā akoranga taiao Māori, whakahaere ā-akomanga, te ako takitahi, ā-rōpū, ā-akomanga, ā-marautanga hoki e hīngāi pū āna ki Te Aho Matua. An introduction to the professional role of the teacher with reference to Te Aho Matua and to Māori medium professional practices, classroom organisation, learning of individuals and groups, learning environments and key curriculum areas.

---

**Te Aho Matua Marautanga I**
He titamataki tēnei ki te wherawhērā i ngā ariā me ngā āhuatanga ako, me te whakaako ki ngā akoranga ā-tini e hangai pū ki ngā marautanga e whakakohia ana i roto i ngā kura tuatahi tae atu hoki ki ngā kura taiao Māori. Mā te ako i ngā āhuatanga e pā ana ki ngā Pou Toi e whai kiko e whai tikanga, e whakatinana ai ēnei āhuatanga katoa. An introduction to the theory and practice of learning and teaching through a multidisciplinary approach to subject knowledge relevant to primary schools and Māori Medium sites. Subject knowledge is explored through the practical application of Māori performing and visual arts.

---

**Te Taiao mō Te Aho Matua o ngā Kura Kaupapa Māori II**
Ka ako te tauira ki te whakarieite i te taiao ako mā te whakamahia i ngā akoranga katoa o te tau tuatahi. Me whakawhakena te ākonga i ngā pukenga whakahaere, i ngā rautaki whakako, i ngā mahinga aromatawai kia tā te Aho Matua tauira. Students will learn to prepare the learning environment by drawing on their learnings from the first year. Using Te Aho Matua as a framework, students develop management and pedagogical strategies and assessment practices.

---

**Te Tiringa**
He whakawhānui i te mātauranga i te reo me ngā tikanga o te marae hei ako, hei whakaako i ēnei mātauranga. He āta titiro kia mārama te ahurei ako. He āta titiro kia mārama te ahurei ako. He āta titiro kia mārama te ahurei ako.
The combination of the protocol, the preparations, administration and planning appropriate for the Te Aho Matua environment maximising benefits for the children. An in-depth analysis and engagement in research-informed, reflective teaching and management practices for a sustained period using a Te Aho Matua framework.

Tikanga Pāngarau III

Ka ata rangahau i te mātauranga pāngarau me ngā arā pāngarau me te ata aro ki te tika o te whakaaro i te pāngarau i ngā āko Māori. Advanced study of mathematical concepts and pedagogical content knowledge for primary teachers with a focus on effective pedagogical practices in Māori medium settings.

Te Wenu

He ata rangahau i ngā whakaakoaranga, i ngā aromatawhai, i ngā whakaahare e rerekē noa e āhangai ana ki te pai o te āko i te reo pānui ki ngā ākonga rengaranga kē i tātai tiaio Māori. An in-depth study of differentiated instruction, assessment and management as it applies to effective practice of teaching literacy skills for diverse learners, within a Māori context.

Te Kupu Tā - Te Pānui Tuhitihui i Te Kura Kaupapa Māori III

Ka ata rangahau i te mātauranga pāngarau me ngā arā pāngarau me te ata aro ki te tika o te whakaaro i te pāngarau i ngā āko Māori. Advanced study of mathematical concepts and pedagogical content knowledge for primary teachers with a focus on effective pedagogical practices in Māori medium settings.

Te Ira Tangata o Te Aho Matua - Ngā Hua o te Ako i roto i ngā Āko Māori He atu mātakitaki, he tauriterite i ngā kawa me ngā tikanga o tauwhi, ki ētahi o ngā āko iwi taketake hei aromatawhai i ngā pātanga o tā tauwhi aro ki te mātauranga me ngā pānaha mātauranga. An examination and comparison of western perspectives of knowledge with Māori and indigenous world views in order to assess the implications of contemporary western perspectives on education and educational systems.

Te Wenu

He ata rangahau i ngā whakaakoaranga, i ngā aromatawhai, i ngā whakaahare rerekē noa e āhangai ana ki te pai o te āko i te reo pānui, reo tuhiwhi ki ngā ākonga rengaranga kē i tātai tiaio Māori. An in-depth study of differentiated instruction, assessment and management as it applies to effective practice of teaching literacy skills for diverse learners, within a Māori context.

Te Puanga

Whai muri mai i Te Aro ā-Kapa i te tau tuahai kai huru ki He tīhono-hono tonu i ngā marau kei raro i te kaupapa matua me ai ki ngā Kura Kaupapa Māori. Ka ata nui i ngā tikanga tawhito me ngā tikanga hou e āhangai pā ana ki ngā hangarua me ōna whakamahinga, ki tā te tirohanga Māori. Ko te wai, ko te waka ana te tauira.

After the introduction to the integrated curriculum approach, students will continue to develop their ability to integrate subjects under a principal theme in ways Kura Kaupapa Māori do. An emphasis on customary and contemporary Māori practices and their associated technologies. Water and waka aroha provide the example.
assess, evaluate, moderate, critique and appraise the learning environment and learners. An in-depth study of the self within an array of Māori medium and mainstream educational contexts, with a focus on a kaupapa Māori theoretical analysis of whānau, hapū, iwi relationships, interactions, and learning within contemporary social, cultural and spiritual contexts.

269.341

Te Marautanga o Te Aho Matua o ngā Kura Kaupapa Māori III: ko te tuitui i ngā kaupapa hei marautanga

Kia tā motohake te taurua e waihangā ana i te marautanga o te akomanga kei reira a ia e whakangungu ana. He āta aro i ētahi akoranga tawhito, akoranga hou a te Māori he tūpapa i ngā tūtūoka ā-marau. Ka āta whakawhanaekia ki ngā marau me ōna mātāraunga, ka whātoto hoki i ngā ariā o tā te tiaio mō Te Aho Matua.

Independent create and implement the curriculum within the classroom the student is based for practicum. An in-depth study of customary and contemporary Māori practices using an interdisciplinary approach. Further development of subject and curriculum knowledge and the relevant pedagogy as applied to the Te Aho Matua environment.

269.417

Te Kawa o Te Kura IV

He whai wāhi ki te rōnaki me te rangahau ā akomanga i ngā whakaakoaranga i roto i te tiaio Māori, ka whakamahere, ka whakahaere, ka pūrongo i ātahi tātahi kaupapa rangahau o ōna tirohanga ā-rōpū. An individual, research-informed supervised classroom enquiry, in a Māori Medium setting, where students plan, undertake and report on an investigation with a group of children.

269.421

Te Ako

Ka āta arohaehae i ngā ariā, i ngā rangahau, i ngā tikanga ako o te pānui e aro nui ana ki te hanganga me te kawenga o te pānui mō ngā mōno katoa. A critical analysis of theories, research and pedagogies of literacy with a particular focus on Māori literacy programme design and implementation for all learners.

269.430

Te Kura Nui

He rangahau motuhake tēnei e aro nui ana ki ngā tikanga ako, tikanga whakaako o tā te Māori rānei, o tā ātahi iwi iwi taketake rānei i roto i tātahi tiaio ako whai taukoko. An in-depth self selected study of Māori or indigenous pedagogical theory and practice undertaken within a supervised field based inquiry.

269.431

Te Aro ā-Tahi

He tātahi, he arotakenga whakaritenga ā akomanga, whakanaungatanga ngaitoanga ki tā te kura, ki tā te hapori, ki tā ngā kaupapa here. An analysis and evaluation of a whole-class programme and professional relationships in the wider context of school, community and policy environments.

MAORI EDUCATION

269.136

Te Unga Whakaara - Introductory Māori Language

An introductory study of Te Reo Māori with the focus on developing confidence and competence in listening and speaking for use in a variety of classroom and Early Childhood settings.

269.232

Multicultural Education

Education in multicultural societies. An examination of the significance of language and culture to learning and teaching through the study of policy, practices and processes, with special references to the New Zealand situation.

269.234

Bilingual Education

An examination of historical, social and political issues linked to bilingualism focusing on language shift, maintenance and revitalisation in educational contexts as they impact on migrant and indigenous groups with a particular focus on Aotearoa/New Zealand.

269.235

He Kōrero Paki

He Whakamātau ki ngā kōrero ā waha, ā tuhi. He wānanga i ngā mōteatea ā kupu nei kia hangaia e te tauira ko tōnā ake tuhiinga, kōrero motohake. To analyse the myths, legends, contemporary writings, songs and poetry of Māori as they relate to classroom delivery.

269.274

The Treaty of Waitangi: Implications for Education

Historical background, the texts of the Treaty of Waitangi and modern debate will be examined. Participants will analyse and evaluate, from a Treaty perspective, the New Zealand education system and in particular their own educational institution.

269.276

Understanding Cultural Difference

Students will develop the skills and knowledge appropriate to understanding their own culture and to becoming aware of key factors and issues involved when teaching students from other cultures in a New Zealand learning setting.

269.332

Maori Issues in Education

A study of relationships between cultural and educational and of the extent of Māori educational needs and aspirations.

269.334

Nga Whakatauaunga

Te Mana Motuhake o Te Aho Matua me ōna kaupapa here hei taki i te Anga Marautanga ki roto i te ara matua o ngā Kura Kaupapa me ōna ngākoma rautaki. An examination of policies relating to school and classroom organisation and management as these affect Māori.

269.371

He Akonga Reo Rua i Aoteaoroa/Bilingual Education for Aotearoa

A study of the historical background and theory of bilingual education in Aotearoa and its implications for developing and evaluating bilingual educational programmes.

269.372

Understanding Migrant Cultures in Aotearoa/New Zealand

A study of immigrants and immigration in Aotearoa/New Zealand with a focus on developing effective cross-cultural teaching skills.

269.373

Ethnic Relations and Education

An examination of ideas about ‘race’ and ‘ethnicity’ and their influence on education policies and practice.

269.711

Policy and Development in Māori Education

The course provides a critical analysis of policies for Māori education and of selected education policies which impact on Māori education. The role of the state and of school, urban and iwi communities of influence in relation to particular perceptions of Māori, and therefore of appropriate educational policy and development and practice will be explored.

269.732

Cultural Differences and Education

An examination of the sources and consequences of cultural differences and their interaction with educational practice.

269.733

Mana Motuhake: Contemporary Issues in Maori & Indigenous Education

An analysis of power, politics and resistance that underpin a range of contemporary and topical social issues which impact on Maori and/or indigenous education. A critical examination of the role of advocacy, activism and protest in advancing Maori and indigenous rights and aspirations in the context of education.

269.734

Mana Whanau: Whanau Engagement in Education

A critical examination of the role of whanau participation in education and the ways in which educators, educational institutions and organisations are able to engage with their Maori community to ensure successful social, cultural and educational outcomes for their Maori students within the paradigm of whanau ora.

269.735

Mana Kura: Leadership in Maori Education

A critical examination of traditional and contemporary forms of Maori professional, personal and cultural leadership and the role of iwi, community and tribal organisations in educational governance.

269.736

Mana Matarauranga: Indigeneity, Innovation & Information

A critical examination of the role of information in indigenous societies and the impact of new technologies, social media, and the use of e-learning in indigenous education contexts.
## EARLY YEARS TEACHING

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>270.200</td>
<td>He Huarahi Ako: Maori Education for Teachers</td>
<td>15 credits</td>
</tr>
<tr>
<td>270.201</td>
<td>Te Noho Marae/Marae Learning for Teachers</td>
<td>15 credits</td>
</tr>
<tr>
<td>270.238</td>
<td>He Kōrero Paki</td>
<td>15 credits</td>
</tr>
</tbody>
</table>

## SPEECH AND LANGUAGE THERAPY

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>271.150</td>
<td>Introduction to Communication Disorders</td>
<td>15 credits</td>
</tr>
<tr>
<td>271.151</td>
<td>Anatomy and Physiology of Speech and Hearing</td>
<td>15 credits</td>
</tr>
<tr>
<td>271.152</td>
<td>Speech-Language Therapy and the Treaty of Waitangi</td>
<td>15 credits</td>
</tr>
<tr>
<td>271.154</td>
<td>Speech and Language Development</td>
<td>15 credits</td>
</tr>
<tr>
<td>271.253</td>
<td>Child Language Disorders I</td>
<td>15 credits</td>
</tr>
<tr>
<td>271.254</td>
<td>Articulation and Phonological Disorders in Children</td>
<td>15 credits</td>
</tr>
<tr>
<td>271.255</td>
<td>Assessment Methods for Speech and Language Disorders</td>
<td>15 credits</td>
</tr>
<tr>
<td>271.256</td>
<td>Field Work and Clinical Skills I</td>
<td>15 credits</td>
</tr>
<tr>
<td>271.257</td>
<td>Child Language Disorders II</td>
<td>15 credits</td>
</tr>
<tr>
<td>271.258</td>
<td>Neurogenic Communication Disorders I</td>
<td>15 credits</td>
</tr>
<tr>
<td>271.259</td>
<td>Augmentative and Alternative Communication</td>
<td>15 credits</td>
</tr>
<tr>
<td>271.260</td>
<td>Fluency Disorders</td>
<td>15 credits</td>
</tr>
<tr>
<td>271.261</td>
<td>Motor Speech Disorders</td>
<td>15 credits</td>
</tr>
<tr>
<td>271.262</td>
<td>Research Methods for Speech and Language Therapy</td>
<td>15 credits</td>
</tr>
</tbody>
</table>

## PAEDIATRIC DYSPHAGIA

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>271.486</td>
<td>Speech and Language Therapy Practice and Diverse Clinical Populations</td>
<td>15 credits</td>
</tr>
<tr>
<td>271.487</td>
<td>Paediatric Dysphagia and Feeding Disorders</td>
<td>15 credits</td>
</tr>
<tr>
<td>271.488</td>
<td>Aural Rehabilitation, Assessment and Intervention</td>
<td>15 credits</td>
</tr>
<tr>
<td>Course Code</td>
<td>Credits</td>
<td>Course Title</td>
</tr>
<tr>
<td>-------------</td>
<td>---------</td>
<td>--------------</td>
</tr>
<tr>
<td>271.489</td>
<td>15</td>
<td>Voice Disorders, Assessment and Treatment</td>
</tr>
<tr>
<td>271.490</td>
<td>15</td>
<td>Advanced Topics in Speech and Language Therapy</td>
</tr>
<tr>
<td>271.496</td>
<td>15</td>
<td>Advanced Clinical Course I</td>
</tr>
<tr>
<td>271.498</td>
<td>15</td>
<td>Advanced Clinical Course II</td>
</tr>
<tr>
<td>271.710</td>
<td>30</td>
<td>Evidenced-Based Practice in Speech and Language Therapy</td>
</tr>
<tr>
<td>271.711</td>
<td>30</td>
<td>Critical and Current Issues in Speech and Language Therapy</td>
</tr>
<tr>
<td>271.712</td>
<td>30</td>
<td>Theoretical Issues in Speech and Language Therapy</td>
</tr>
<tr>
<td>271.720</td>
<td>30</td>
<td>Research Report</td>
</tr>
<tr>
<td>271.786</td>
<td>15</td>
<td>Advances in SLT and Diverse Clinical Populations</td>
</tr>
<tr>
<td>271.787</td>
<td>15</td>
<td>Advanced Paediatric Dysphagia and Feeding Disorders</td>
</tr>
<tr>
<td>271.788</td>
<td>15</td>
<td>Advances in Aural Rehabilitation</td>
</tr>
<tr>
<td>271.789</td>
<td>15</td>
<td>Advanced Voice Disorders, Assessment and Treatment</td>
</tr>
<tr>
<td>271.796</td>
<td>15</td>
<td>Advanced Clinical Practicum 1</td>
</tr>
<tr>
<td>271.798</td>
<td>15</td>
<td>Advanced Clinical Practicum II</td>
</tr>
<tr>
<td>271.808</td>
<td>60</td>
<td>Thesis 120 Credit Part 1</td>
</tr>
<tr>
<td>271.809</td>
<td>60</td>
<td>Thesis 120 Credit Part 2</td>
</tr>
<tr>
<td>271.810</td>
<td>120</td>
<td>Thesis</td>
</tr>
</tbody>
</table>

**APPLIED LINGUISTICS**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Title</th>
<th>Course Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>272.703</td>
<td>30</td>
<td>Contemporary Approaches to Language Teaching Methodology</td>
<td>A critical survey of different approaches and methods used to develop language skills.</td>
</tr>
<tr>
<td>272.704</td>
<td>30</td>
<td>Contextualising Curriculum and Materials Design</td>
<td>A study of the principles, practice and contextualised nature of curriculum and materials design.</td>
</tr>
<tr>
<td>272.715</td>
<td>30</td>
<td>Current Issues in Applied Linguistics</td>
<td>A critical examination of current issues in applied linguistics research from both theoretical and practical perspectives.</td>
</tr>
<tr>
<td>272.800</td>
<td>120</td>
<td>MPhil Thesis</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>272.801</td>
<td>60</td>
<td>MPhil Thesis 120 Credit Part 1</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>272.802</td>
<td>60</td>
<td>MPhil Thesis 120 Credit Part 2</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>272.816</td>
<td>60</td>
<td>Thesis 120 Credit Part 1</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>272.817</td>
<td>60</td>
<td>Thesis 120 Credit Part 2</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>272.873</td>
<td>60</td>
<td>Research Report Applied Linguistics</td>
<td>A critical examination of current issues in applied linguistics research from both theoretical and practical perspectives.</td>
</tr>
<tr>
<td>272.881</td>
<td>45</td>
<td>Thesis 90 Credit Part 1</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>272.882</td>
<td>45</td>
<td>Thesis 90 Credit Part 2</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>272.883</td>
<td>90</td>
<td>Thesis</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>272.899</td>
<td>120</td>
<td>Thesis</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>272.900</td>
<td>120</td>
<td>PhD Applied Linguistics</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
</tbody>
</table>
## ADULT EDUCATION

**273.721**  
Knowledge and Power in Tertiary Education  
This course involves critical reflection on the relationship between knowledge and power within the teaching/learning process. Concepts and theories within the sociology of knowledge are applied to tertiary education contexts.  
**30 credits**

**273.722**  
Adult Learning: Myths and Realities  
This course examines in depth the development of thinking about adult learning and critically evaluates adult learning theories and their relevance to current New Zealand contexts and participants’ own teaching practice.  
**30 credits**

**273.723**  
Cultures and Learning: Diversity in Tertiary Education  
This course critically examines how people are expected to learn in selected cultural contexts explores participants’ own attitudes to cultural diversity and enables construction of practical strategies to provide effective learning experiences in diverse cultural contexts.  
**30 credits**

**273.724**  
The Expert Teacher of Adults: Principles and Practice  
This course critically examines concepts such as expertise, quality teaching, the student experience and student outcomes in adult teaching. It considers the impact of new technologies on tertiary teaching and training; and evaluates the implications of research for the participant’s own practice in diverse cultural contexts.  
**30 credits**

**273.725**  
Leadership and Communication in Tertiary Education  
This course critically examines the concepts of leadership and communication in tertiary education contexts, and develops a practical insight into the uses and misuses of those concepts and their related practices in specific teaching/learning contexts.  
**30 credits**

**273.784**  
Learning and Teaching in Tertiary Education  
This course introduces participants to and extends their understanding on theories and practices of tertiary teaching, including theories of learning and motivation relevant to learners in tertiary and professional contexts. Participants will apply their learning in their own practice.  
**30 credits**

**273.785**  
Assessment and Evaluation in Tertiary Education  
This course offers an in-depth examination of principles, theories and practices underpinning diverse assessment tools, models and approaches in tertiary contexts to facilitate student learning. The course will enable participants to examine assessment policy in context, and create assessment approaches within their practice.  
**30 credits**

## PHYSICAL EDUCATION AND HEALTH

**274.315**  
Kinesiology  
An advanced study of the forces that influence the efficiency of human movement.  
**15 credits**

**274.707**  
Issues in Health and Physical Education  
An advanced analysis of the theory and practice of health and physical education through a range of international/national perspectives on cultural issues and controversies with consideration to the Treaty of Waitangi.  
**30 credits**

## HUMAN DEVELOPMENT

**275.102**  
Human Development  
An introduction to the study of lifespan human development and learning within changing social and physical contexts.  
**15 credits**

**275.202**  
Development through Relationships  
Processes, tasks and crises of human development; studying abuse and neglect from an attachment perspective including biological, personal and social contexts.  
**15 credits**

**275.203**  
Development in Childhood  
An examination of physical, cognitive and psychosocial development during infancy and childhood in diverse contexts.  
**15 credits**

**275.204**  
Adult Development  
A consideration of the developmental characteristics of adults in various contexts.  
**15 credits**

**275.208**  
Development in Adolescence  
An examination of the physical, cognitive and psychosocial development during adolescence and emerging adulthood in diverse contexts.  
**15 credits**

**275.237**  
Narrative in Human Development  
An introduction to narrative as a research methodology in human development through the thematic analysis of autobiography.  
**15 credits**

**275.304**  
Development of Gender  
An in-depth study of gender development across the lifespan, including consideration of biological, sociological, and developmental perspectives of gender.  
**15 credits**

**275.307**  
Infants in Families  
This course on babies in families studies theories, models, research and the various ways these have been applied.  
**15 credits**

**275.320**  
Risk and Resilience across the Lifespan  
An applied study of human development, examining risk, protective, and promotive factors which contribute to resilience and positive developmental outcomes across the lifespan.  
**15 credits**

## MATHEMATICS EDUCATION

**276.330**  
Mathematics and Literacy in Society  
An exploration of the importance of being literate and numerate through an indepth study of our engagement with mathematics and literacy in everyday life.  
**15 credits**

**276.396**  
Mathematics in the Middle Years  
This course examines the development of mathematics knowledge in the middle years with a focus on the development of students’ mathematical thinking and understanding of rational numbers, algebra, geometry and measurement, and statistics.  
**15 credits**

**276.700**  
Developing Mathematical Inquiry Communities  
An in-depth study of the research, theory and evidence-based practices associated with mathematical inquiry aimed at raising student achievement. Participants will analytically investigate how mathematical inquiry learning communities are constructed and how they support all learners to engage in mathematics at a high level of achievement.  
**30 credits**

**276.730**  
Enterprising STEM Education  
Students will develop scholarship, engagement, and teaching that is enterprising, particularly in the areas of science, technology, engineering, and mathematics (S.T.E.M.). The course will provide an interdisciplinary approach to integrating STEM into practice across the disciplines. The course will involve the participation of students in problem-based and project-based learning activities.  
**30 credits**

**276.782**  
Mathematics Education  
An exploration of the role of mathematics in education and society - with a focus on the nature of mathematics, the mathematics curriculum and learning theories and trajectories associated with rational number, algebra, geometry and statistics.  
**30 credits**
### PRIMARY TEACHING

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>278.264</td>
<td>30</td>
<td>The Child in Diverse Contexts</td>
<td>Development of the knowledge and skills necessary for a critical analysis of the underlying relationships between the child, whanau, family, community, school and society.</td>
</tr>
<tr>
<td>278.420</td>
<td>15</td>
<td>Teaching Experience I</td>
<td>A preparation for professional practice in school contexts, through teaching, critical self-reflection and evaluation of practice. Students will critique theory, content knowledge and pedagogical content knowledge in light of international research.</td>
</tr>
<tr>
<td>278.421</td>
<td>15</td>
<td>Teaching Experience II</td>
<td>An advanced preparation for professional practice through the application, integration, synthesis, and critical self-evaluation of theory, content knowledge and pedagogical content knowledge in light of international research.</td>
</tr>
<tr>
<td>278.422</td>
<td>15</td>
<td>Teaching in Context I</td>
<td>An examination of the roles and responsibilities of teachers in promoting learning for all learners. Drawing on international research, students will reflect on themselves as learners and teachers together with factors that influence learning and teaching.</td>
</tr>
<tr>
<td>278.423</td>
<td>15</td>
<td>Teaching in Context II</td>
<td>An examination of the roles and responsibilities of teachers in promoting learning. Drawing on international research students will reflect on and critically analyse the relationship between social, cultural, historical, and contemporary educational contexts and their influence on learning and teaching.</td>
</tr>
<tr>
<td>278.424</td>
<td>15</td>
<td>Mathematics Teaching in the Primary School</td>
<td>A study of content knowledge and pedagogical content knowledge for teaching mathematics in primary schools in Aotearoa/New Zealand.</td>
</tr>
<tr>
<td>278.425</td>
<td>15</td>
<td>Effective Pedagogy in Mathematics</td>
<td>A study of the teaching of mathematics for diverse learners in primary classrooms in Aotearoa/New Zealand.</td>
</tr>
<tr>
<td>278.426</td>
<td>15</td>
<td>Literacy Development and Pedagogy</td>
<td>An evaluation of the theory and practice of the teaching of reading and writing. An examination of the processes involved in skillful reading and writing and analysis of research-based practices in reading and writing instruction at the primary levels.</td>
</tr>
<tr>
<td>278.427</td>
<td>15</td>
<td>Literacy Assessment and Instruction</td>
<td>An examination of the theory, research, and methods of reading and writing assessment that inform instruction.</td>
</tr>
<tr>
<td>278.428</td>
<td>15</td>
<td>Education in Science, Social Science and Technology</td>
<td>An overview and critical appraisal of the theory and practice of learning and teaching in Science, Social Science and Technology through an inquiry-based approach to curriculum knowledge, content knowledge and pedagogical content knowledge relevant to primary school education in Aotearoa/New Zealand.</td>
</tr>
<tr>
<td>278.429</td>
<td>15</td>
<td>Education in the Arts, Hauora and Learning Languages</td>
<td>An overview and appraisal of the theory and practice of learning and teaching in the Arts, Hauora and Learning Languages through a multidisciplinary approach to curriculum knowledge, content knowledge and pedagogical content knowledge relevant to primary school education in Aotearoa/New Zealand.</td>
</tr>
<tr>
<td>278.461</td>
<td>15</td>
<td>Classroom Enquiry</td>
<td>An individual, research-informed supervised classroom enquiry where students plan, undertake and report on an investigation with a group of children in order to refine teaching, diagnostic and formative assessment skills.</td>
</tr>
<tr>
<td>278.463</td>
<td>15</td>
<td>Te Hononga - Engaging with Maori in Education</td>
<td>A bicultural understanding of the implications of social, political and cultural contexts of education with an emphasis on the role of whanau and community for teaching and learning within educational settings.</td>
</tr>
<tr>
<td>278.760</td>
<td>30</td>
<td>Primary Curriculum 1</td>
<td>An introduction to and analysis of the professional requirements of the New Zealand Curriculum and assessment frameworks.</td>
</tr>
<tr>
<td>278.761</td>
<td>30</td>
<td>Primary Curriculum 2</td>
<td>Clinical application and analysis of learning areas in the New Zealand Curriculum and of assessment frameworks.</td>
</tr>
</tbody>
</table>

### SOCIAL POLICY

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>279.101</td>
<td>15</td>
<td>Social Policy: An Introduction</td>
<td>An introduction to social policy with particular relevance to the history and patterns of social and economic development in New Zealand.</td>
</tr>
<tr>
<td>279.201</td>
<td>15</td>
<td>Social Policy: Concepts and Theories</td>
<td>An exploration of the influence of different political theories and key concepts (such as freedom, equality and justice) on the development of social policy in New Zealand. Applications to contemporary policy case studies are included.</td>
</tr>
<tr>
<td>279.203</td>
<td>15</td>
<td>Law, Government and Social Policy</td>
<td>An introduction to law, politics and the role of government in a democratic society. Examination of the constitutional framework of government in New Zealand and focus on the part played in public policy processes by the executive, legislative and judicial branches of government. A number of specific statutes are studied as examples of the outcomes of legislative processes.</td>
</tr>
<tr>
<td>279.301</td>
<td>15</td>
<td>Government Policy, Planning and Administration</td>
<td>An examination of government policy, planning and administration. Attention will be focussed on providing the conceptual tools for analysing the policy process and then applying them to specific legislation.</td>
</tr>
<tr>
<td>279.302</td>
<td>15</td>
<td>Policy Research and Evaluation</td>
<td>An examination of the relationship between policy and research and the concepts, techniques and issues involved in policy and programme evaluation. The course includes practical experience in evaluation research.</td>
</tr>
<tr>
<td>279.401</td>
<td>15</td>
<td>Social Policy Evaluation</td>
<td>An examination of social policy programmes and/or legislation which provides students with an opportunity to explore areas of particular interest.</td>
</tr>
<tr>
<td>279.701</td>
<td>30</td>
<td>Social Policy and Political Economy</td>
<td>An advanced study of the nature and prospects for social policy (and the welfare state in particular) in contemporary societies. An examination of key political concepts, alternative models of political economy, competing theoretical perspectives of the state and social policy, and empirical developments both in New Zealand and internationally.</td>
</tr>
</tbody>
</table>
### PROCESS AND ENVIRONMENTAL TECHNOLOGY

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>280.703</td>
<td>Social Policy Studies</td>
<td>30</td>
</tr>
<tr>
<td>279.795</td>
<td>Research Report (30)</td>
<td>30</td>
</tr>
<tr>
<td>279.798</td>
<td>Research Report (60)</td>
<td>60</td>
</tr>
<tr>
<td>279.800</td>
<td>MPhil Thesis</td>
<td>120</td>
</tr>
<tr>
<td>279.801</td>
<td>MPhil Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>279.802</td>
<td>MPhil Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>279.816</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>279.817</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>279.837</td>
<td>Research Report Social Policy (60)</td>
<td>60</td>
</tr>
<tr>
<td>279.881</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>279.882</td>
<td>Thesis 90 Credit Part 2</td>
<td>45</td>
</tr>
<tr>
<td>279.898</td>
<td>Thesis</td>
<td>90</td>
</tr>
<tr>
<td>279.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>279.900</td>
<td>PhD Social Policy</td>
<td>120</td>
</tr>
</tbody>
</table>

### PROCESS ENGINEERING

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>280.102</td>
<td>Preparation and Preservation of Fresh Meat</td>
<td>15</td>
</tr>
<tr>
<td>280.103</td>
<td>Meat Plant Services and Utilities</td>
<td>15</td>
</tr>
<tr>
<td>280.104</td>
<td>Co-products Derived from Meat Animals</td>
<td>15</td>
</tr>
</tbody>
</table>

### PROCESS AND ENVIRONMENTAL TECHNOLOGY

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>280.002</td>
<td>Elementary Meat Science</td>
<td>30</td>
</tr>
<tr>
<td>280.016</td>
<td>Elementary Meat Mathematics</td>
<td>15</td>
</tr>
<tr>
<td>280.017</td>
<td>Elementary Meat Mathematics</td>
<td>15</td>
</tr>
<tr>
<td>280.101</td>
<td>Animal Production Through to Carcass Classification</td>
<td>15</td>
</tr>
</tbody>
</table>

**Additional Notes:**
- **Social Policy Studies**: A critical review of social policy in New Zealand with particular emphasis on policy processes, institutional frameworks, social policy delivery systems, outcomes.
- **Research Report**: A systematic enquiry into an area of public policy which is to be presented in the form of a research report. The policy analysis will be expected to use appropriate research techniques, and most typically will be in the form of a piece of applied policy or programme evaluation.
- **MPhil Thesis**: A supervised and guided independent study resulting in a published work.
- **Thesis**: A supervised and guided independent study resulting in a published work.
- **Research Report**: A supervised and guided independent study resulting in a published work.
- **Elementary Meat Science**: Elementary chemistry, biology and physics as they apply to meat science. Atomic and molecular structure, bonding, chemical equilibria, acids and bases as well as an introduction to organic chemistry. Biological systems including single and multicellular organisms. The study of force, work, energy, heat, light and electricity.
- **Elementary Meat Mathematics**: Elementary mathematics applicable to the operation of a meat processing plant including mathematical principles as linear equations and statistics.
- **Animal Production Through to Carcass Classification**: Current and future practices for meat production from farm to carcasses leaving the slaughter floor. Topics include animal growth and development, genetics and breeding, on-farm opportunities to influence carcass and meat quality, pre-slaughter handling of meat-producing animals, slaughter and carcass dressing procedures, carcass classification, animal welfare, occupational safety and health, and factory farming.
- **Preparation and Preservation of Fresh Meat**: The microbiology, biochemistry and technology involved in the production of fresh and frozen meat and meat products as well as ways of increasing their chilled and frozen shelf life. Includes a review of hazardous microbes carried by fresh meat and meat products and their control in a modern processing facility.
- **Meat Plant Services and Utilities**: Theory and application of services into the meat plant, including refrigeration, steam, hot water, air and the supply of potable water and the handling of wastewater as well as other waste streams. Issues such as waste minimisation, legislation environmental management, and resource optimisation will also be considered.
- **Co-products Derived from Meat Animals**: Technology including the applied microbiology and chemical involved in the processing of hides and pelts to the finished leather stage, edible and inedible processing of blood, foetal blood and co-products, casings, specialised chemicals, collagen and yields for the various co-product options.
## COURSE DETAILS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>280.304</td>
<td>Bioseparation and Purification Processes</td>
<td>15</td>
</tr>
<tr>
<td>280.341</td>
<td>Environmental Technology</td>
<td>15</td>
</tr>
<tr>
<td>280.371</td>
<td>Process Engineering Operations</td>
<td>15</td>
</tr>
<tr>
<td>280.372</td>
<td>Reaction Technologies and Process Modelling</td>
<td>15</td>
</tr>
<tr>
<td>280.373</td>
<td>Process Improvement</td>
<td>15</td>
</tr>
<tr>
<td>280.374</td>
<td>Process Control</td>
<td>15</td>
</tr>
<tr>
<td>280.375</td>
<td>Industrial Refrigeration</td>
<td>15</td>
</tr>
<tr>
<td>280.376</td>
<td>Chemical and Bioprocess Engineering</td>
<td>15</td>
</tr>
<tr>
<td>281.272</td>
<td>Signals and Systems</td>
<td>15</td>
</tr>
<tr>
<td>281.273</td>
<td>Communication Network Architectures</td>
<td>15</td>
</tr>
<tr>
<td><strong>Electronics and Information Engineering</strong></td>
<td></td>
<td><strong>25</strong></td>
</tr>
<tr>
<td>281.272</td>
<td>Signals and Systems</td>
<td>15</td>
</tr>
<tr>
<td>281.273</td>
<td>Communication Network Architectures</td>
<td>15</td>
</tr>
<tr>
<td>281.274</td>
<td>Image and Video Processing</td>
<td>15</td>
</tr>
<tr>
<td>281.275</td>
<td>Digital Signal Processing</td>
<td>15</td>
</tr>
<tr>
<td>281.276</td>
<td>Embedded Systems Design</td>
<td>15</td>
</tr>
<tr>
<td>281.277</td>
<td>Control Engineering</td>
<td>15</td>
</tr>
<tr>
<td>281.278</td>
<td>Communication Systems</td>
<td>15</td>
</tr>
<tr>
<td>281.279</td>
<td>Data Communication Networks</td>
<td>15</td>
</tr>
<tr>
<td>281.280</td>
<td>Analogue Electronic Systems</td>
<td>15</td>
</tr>
<tr>
<td>281.281</td>
<td>Digital Electronic Systems</td>
<td>15</td>
</tr>
<tr>
<td>281.282</td>
<td>Control Engineering</td>
<td>15</td>
</tr>
<tr>
<td>281.283</td>
<td>Process Improvement</td>
<td>15</td>
</tr>
<tr>
<td>281.284</td>
<td>Process Control</td>
<td>15</td>
</tr>
<tr>
<td>281.285</td>
<td>Process Control</td>
<td>15</td>
</tr>
<tr>
<td>281.286</td>
<td>Industrial Refrigeration</td>
<td>15</td>
</tr>
<tr>
<td>281.287</td>
<td>Chemical and Bioprocess Engineering</td>
<td>15</td>
</tr>
</tbody>
</table>

### 280.304 Bioseparation and Purification Processes
The principles and practice of bioseparations and purification processes. The following unit operations will be included: distillation, leaching, liquid/liquid extraction, protein fractionation, flocculation and chromatographic separations. A laboratory course.

### 280.341 Environmental Technology
This course will review physical, chemical, and biological principles and processes to treat pollutants with emphasis on the design and operation of biological treatment processes based on bioenergetics and biokinetics principles. Students are introduced to the processes for waste management, nutrient removal, hazardous pollutant detoxification, energy generation from waste, and the use of algae and macrophytes in environmental technology.

### 280.371 Process Engineering Operations
The application of engineering principles to operations used in the food or chemical processing industries. Operations such as evaporation, drying, membrane technologies, refrigeration and process cooling systems will be used as examples of how the underlying principles of thermodynamics, conservation and transport of heat, mass and momentum can be used to select, design and optimise industrial processes.

### 280.372 Reaction Technologies and Process Modelling
A systematic approach to modelling processing operations in terms of heat, mass and momentum transfer. Modelling reactions and reactor systems to predict the progress of reactions in food preservation and processing operations, chemical and enzymatic catalysis, and biochemical reaction systems. A laboratory course.

### 280.373 Process Improvement
This course critically appraises key industrial processes by establishing their core reaction engineering and thermodynamics, identifying theoretical limits in terms of material and heat balances across product life cycles and by defining their current effectiveness. ‘Potential for further improvement’ is evaluated, such as new emerging competitor processes, alternative reaction pathways, process intensification concepts, hazard mitigation, or emerging life cycle custodianship practises.

### 280.374 Process Control
Practical process control techniques including tuning single proportional integral derivative controllers, choosing appropriate control loops for a processing plant and measurement instrumentation. An overview of advanced control techniques. Programmable logic controllers. A practical course.

### 280.375 Industrial Refrigeration
The customer/contractor interface and preparation of specifications; ozone depletion, global warming and refrigerant choice; estimation of heat loads; prediction of chilling and freezing and design of chillers and freezers; product weight loss; refrigeration plant layout and design; operational efficiency of refrigeration systems; absorption refrigeration; water vapour and refrigeration.

### 280.376 Chemical and Bioprocess Engineering
Integrated design of processes based on the application of thermodynamic and transport phenomena principles. Systematic methods for the development of dynamic modelling, simulation and visualisation of heat and mass transport applied to chemical and bioprocessing industries.

### 281.272 Signals and Systems
A study of signals and linear systems and their applications in modern engineering. Representation of continuous and discrete time signals and systems in the time and frequency domains. Stability, feedback, sampling and aliasing. Introduction to design of analogue and digital filters. Provides a foundation for later studies in control engineering, advanced signal processing and communications.

### 281.273 Communication Network Architectures
This course presents the underlying concepts for modern communication network architectures, which includes an overview of network architectures and their functions. It explores the fundamental operating principles of current physical systems that transport electrical signals across a network. It investigates technologies that enable the transmission of vast quantities of information across a modern network.

### 281.274 Image and Video Processing
Fundamental image processing operations are introduced, including point operations, linear and non-linear local filters, segmentation and classification operations. Several different vision systems are examined in detail. Machine vision system design is considered, analysing both technical and economic feasibility. Image and video compression technologies are analysed, with particular emphasis on transform coding. Techniques for the mitigation of compression artefacts are discussed.
281.776 Advanced Communication Engineering
This course covers the foundation of modern communication systems, satellite communication systems and wireless networks. It provides an in-depth study of the wireless medium, wireless network planning and operation, communication systems and standards. There is thorough examination of advanced topics including equalization, rake receivers, MIMO & smart antenna systems, wireless network security.

281.785 Advanced Computer Engineering
A study of the architecture of computer systems. It investigates different number representations and techniques of computer arithmetic. Multi-core and multi-processor systems are introduced and techniques for managing concurrency are covered. This course builds an understanding of the design and development of microprocessors and microcontrollers.

281.786 Advanced Micro- and Nano-electronics
This course will cover microelectronic and nanoelectronic devices, fabrication processes and CMOS integrated circuit design. CMOS integrated MEMS sensor design will also be introduced. Computer aided design tools will be used for design, layout and verification of integrated circuits.

MECHATRONICS AND AUTOMATION ENGINEERING

282.360 Manufacturing Engineering and Computer Aided Design
This course provides students with knowledge in the working principles of, and the concepts needed to design for, traditional and modern manufacturing processes. Processes covered include a range of manufacturing methods dealing with plastics and metals. It also teaches Computer Aided Design (CAD) as an engineering communication and design tool. A practical course with projects that link manufacturing and CAD.

282.371 Mechanical Engineering – Solid Dynamics
Properties of materials including stress and strain, yield, strengthening methods and failure. Selection of materials by property profiles, and manipulation of material properties. Mechanics of materials including axial loading, shear, beams, torsion, stress concentrations and structures.

282.372 Mechanical Engineering – Mechanism and Component Design
This course is a study of advanced static and dynamic analysis of loaded structures and mechanisms and it will introduce the finite element method of stress analysis.

282.373 Mechanical Engineering – Fluid Mechanics & Thermodynamics
This course applies fluid mechanics to systems which might be encountered in engineering practice. Topics include fluid properties, hydrostatics, laminar and turbulent flow, energy and continuity equations in one dimension. The course also covers basic concepts of thermodynamics, including perfect gas properties and zeroth, first and second laws.

282.758 Simulation, Modelling and Optimisation
A practical course in modelling, simulation and optimisation of systems in industry.

282.762 Robotics and Automation
A study of automation and industrial robotics, its elements and systems. This course uses projects that allow students to integrate multiple mechatronic and robotic systems capable of automating specific, repetitive tasks such as those commonly found in industry. Students will study the control of industrial robots and design vision systems for component identification. Subsystems will be integrated to follow a systems approach to the design of Industrial robotic applications with consideration of programming, control and process design. A practical, project based course.

282.772 Industrial Systems Design and Integration
Design of mechatronic elements and components to form a working system. Review of sensors for integration into a microcontroller- and/or PC-controlled, mechatronics system. Robotics, the use of simulation packages to effectively analyse mechatronics systems, future manufacturing technologies and how they may impact on the field of mechatronics. A practical, project based course.

282.778 Mechatronics
An advanced study of mechatronics design philosophy, its elements, and systems. The course focuses on motion control and interfacing, sensors and interfacing, microcontroller and programming applications, behaviour control and implementation, dynamics simulation of working machines, mechatronics in PC-based control system, integration of mechanical, pneumatic and electric and electronics systems. A practical, project based course.

AGRONOMY

283.006 Pasture and Crop Production
An introduction to the importance of pastoral farming to New Zealand agriculture and the role of legumes in pastures. The identification, selection, and establishment of pasture species and crops, including weed control. The seasonality of pasture growth and matching pasture growth with animal requirements, through monitoring of grazing systems, supplementary feeding, and crop management.

AGRICULTURE / HORTICULTURE PLANTS

283.101 Plants in Agriculture
An introduction to the pasture, arable crop and tree species that are important to New Zealand’s agriculture. The growth and development of agricultural plants, their responses to the environment, and how these responses affect both vegetative and reproductive yield. Identification of agricultural plants. Introduction to the identification and biology of weeds, pest and pathogens important to agricultural plant production.

283.201 Pasture and Crop Agronomy
The husbandry of agricultural plants and the management of plant communities at the farm level. Topics include balancing pasture growth and animal demand, pasture assessment, pasture establishment, cash crops, growth and utilisation of forage crops and control of weeds and pests.

AGRONOMY

283.301 Pasture Production and Practice
The practical application of pasture production and grazing management principles to grazing systems. An introduction to sward dynamics and the herbage factors influencing both the productivity and utilisation of grazed pastures.

283.305 Arable Production and Technology
Seed production and technology, selected arable crops and the use of precision agriculture technology to improve the efficiency and sustainability of crop production. Emphasis will be on achieving production objectives for yield, quality and harvest scheduling. Physiological aspects of seed and crop production. Management of inputs such as fertiliser and irrigation using detailed farm maps, GPS and GIS.

283.311 Controlling Weeds
Aspects of weed biology will be studied to help understand how to obtain efficient and effective weed control. The full range of control techniques, both chemical and non-chemical, will be discussed. Students will learn how to develop integrated weed control programmes for their specific area of interest in agriculture, horticulture, forestry or conservation.

283.321 Trees on Farms
A study of aspects of the biology and ecology of trees which influence their use on farms and in farming systems. Woodlots and wood products; biomass production and effluent disposal; agroforestry systems and forage production. The value of trees for soil stabilisation, shelter, amenity and landscape management.

AGRICULTURE / HORTICULTURE PLANTS

283.322 Landscape Revegetation
Consideration of plant and environmental factors affecting establishment of plants by informal means in the landscape; techniques for establishment of species - rich herbaceous and woody vegetation; maintenance factors
affecting vegetation structure and species composition; links between ecological aspects of plant science and management of created landscapes.

**283.701**  
**Advanced Pasture Production and Practice**  
An advanced course in the understanding and application of the principles of pasture production and pasture management to grazing systems. Each student will have an approved course of study designed to meet their individual requirements.

**AGRANOMY**

**283.702**  
**Advanced Agronomy**  
Advanced studies in agronomy based on a selection of two modules from within the following: seed technology, arable crop, pasture management, weed science and seed science.

**283.704**  
**Urban and Farm Forestry**  
Advanced studies in forestry including management and environmental issues. Students are required to select either the farm forestry or urban forests and landscapes modules.

**283.707**  
**Plant Breeding**  
An overview of methods used in plant breeding. Special emphasis is given to molecular breeding and breeding for tolerance to abiotic stress with topics including mapping, markers and QTL, transgenics, metabolomics, polyglycoid, cytogenetics, tissue culture, IP and ethics. A block course allows students to see application of these techniques to plant breeding programmes in industry, and encourages discussion and networking.

**283.708**  
**Quantitative Plant Breeding**  
A career development course on the application of quantitative genetics and plant breeding. Topics include objective setting, plant genetic resources, base population development, quantitative genetic variation, selection efficiency, selection of multiple traits, GxE interactions, line development, backcross breeding, recurrent selection and variety development. Two block courses allow students to visit plant breeders, and encourage discussion and networking.

**HORTICULTURE (PRODUCTION & LANDSCAPE)**

**284.101**  
**Production Horticulture**  
The dynamic interaction between plants, people and the environment, primarily in the fruit and vegetable sectors. An integrative analysis of the underlying production systems, industry structures and organisation including an introduction to seed science and technology. An intensive practical programme.

**284.201**  
**Horticultural Production Systems**  
An interdisciplinary study of the major vegetable and fruit production systems in NZ, and overseas. Different systems and subsystems will be analysed using indicators including productivity, quality, profitability and sustainability.

**284.301**  
**Horticultural Crop Development & Yield**  
Physiological and applied aspects of monitoring, predicting and manipulating crop growth and development in production horticulture in order to optimize yield, quality and timeliness. Prediction of crop growth and development in response to changes in the environment and the associated decisions made by growers.

**PLANT HEALTH**

**284.322**  
**Managing the Landscape**  
A study of the issues and processes of landscape management using botanic gardens and urban and rural parks as the study example. Topics include deterioration and restoration of vegetation and formation of long-term vegetation plans; managing biodiversity and visual value; formation of a management plan. Management processes include; inventory and evaluation; development of goals for preservation, enhancement and use; and strategies for vegetation and visual quality. Field trips and field exercises are used to illustrate the study topics.

**AGRICULTURE / HORTICULTURE PLANTS**

**284.342**  
**Hort Productivity and Quality**  
The role of crop architecture and the modification of the aerial environment for optimising yield and pre-harvest product quality, as well as the factors affecting quality and shelf life of horticultural commodities through the handling chain.

**HORTICULTURE (PRODUCTION & LANDSCAPE)**

**284.703**  
**Vegetable Production Science**  
The science and production of quality vegetable products from establishment to harvest. Topics will align to student interests in vegetable crop science including: factors affecting productivity and quality, specialist production systems including root, tuber and leafy crops, crop nutrition, irrigation and harvest.

**284.704**  
**Fruit Production Science**  
Production of quality products of subtropical, warm and cool temperate fruits. Topics meet student interest and could include factors affecting productivity and quality; manipulation of tree, flower and fruit development; biological production systems; pre-harvest factors influencing product quality; quality management.

**284.741**  
**Post-harvest Physiology**  
Reviews the role of physiological principles in post-harvest systems. Topics covered depend upon class interests, and may include control of water loss, functions of cell walls and membranes; calcium; ethylene; chilling injury; genetic manipulation; modified atmospheres and non-chemical disease control.

**285**

**PLANT HEALTH**

**285.201**  
**Understanding Plant Protection**  
The importance of diseases, pests and weeds to horticultural, agricultural and forestry production, trade, gardening and conservation is outlined. The course introduces the biology of these organisms and gives an understanding of their management and control. An introduction to strategies available for chemical, non-chemical and integrated control methods is included together with examples. A course of practical work.

**285.301**  
**Controlling Plant Pests and Diseases**  
Aspects of plant pest and pathogen biology will be studied to help understand how to obtain efficient and effective control. The full range of control techniques, both chemical and non-chemical, will be discussed. Students will learn about pests and diseases in their specific area of interest in agriculture, horticulture, forestry or conservation, be shown how to diagnose problems, and obtain experience in managing an integrated pest and disease control program in a simulated crop.

**285.742**  
**Advanced Plant Protection**  
Selected topics in Plant Protection including representative types of pathogens, fungicide resistance, biological control agents for disease, host resistance mechanisms, weed control, herbicide activity, and principles and methods of integrated management of arthropod (insect and mite) pests.

**AGRICIENCE**

**286.101**  
**Equine Production**  
A study of equine production in New Zealand, and in other countries with major equine populations. Using the different equine production systems as examples, the processes from birth to intended use are compared. The effects of various industries’ controls and regulations on owners, trainers and administrators are considered.
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>286.131</td>
<td>Introduction to Equine Nutrition and Health</td>
<td>15</td>
</tr>
<tr>
<td>286.211</td>
<td>Equine Reproduction and Breeding</td>
<td>15</td>
</tr>
<tr>
<td>286.221</td>
<td>Structure and Function of the Equine Athlete</td>
<td>15</td>
</tr>
<tr>
<td>286.222</td>
<td>The Equine Lower Limb</td>
<td>15</td>
</tr>
<tr>
<td>286.251</td>
<td>Equine Behaviour, Training and Welfare</td>
<td>15</td>
</tr>
<tr>
<td>286.321</td>
<td>Responses to Training in the Equine Athlete</td>
<td>15</td>
</tr>
<tr>
<td>286.701</td>
<td>Advanced Equine Production</td>
<td>15</td>
</tr>
<tr>
<td>286.711</td>
<td>Equine Science</td>
<td>15</td>
</tr>
<tr>
<td>287.320</td>
<td>Product Design</td>
<td>15</td>
</tr>
<tr>
<td>287.341</td>
<td>Quality Systems Design</td>
<td>15</td>
</tr>
<tr>
<td>287.342</td>
<td>Agile Manufacturing</td>
<td>15</td>
</tr>
<tr>
<td>287.455</td>
<td>Advanced Industrial Management Practices</td>
<td>15</td>
</tr>
<tr>
<td>287.533</td>
<td>Agile Manufacturing</td>
<td>15</td>
</tr>
<tr>
<td>287.732</td>
<td>Quality Assurance Project</td>
<td>30</td>
</tr>
<tr>
<td>287.733</td>
<td>Quality Management</td>
<td>30</td>
</tr>
<tr>
<td>287.734</td>
<td>Statistical Methods for Quality</td>
<td>30</td>
</tr>
<tr>
<td>287.735</td>
<td>Quality Improvement</td>
<td>15</td>
</tr>
</tbody>
</table>

**INDUSTRIAL INNOVATION**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>287.320</td>
<td>Product Design</td>
<td>15</td>
</tr>
<tr>
<td>287.341</td>
<td>Quality Systems Design</td>
<td>15</td>
</tr>
</tbody>
</table>

**PRODUCTION TECHNOLOGY**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>287.342</td>
<td>Agile Manufacturing</td>
<td>15</td>
</tr>
<tr>
<td>287.455</td>
<td>Advanced Industrial Management Practices</td>
<td>15</td>
</tr>
<tr>
<td>287.533</td>
<td>Agile Manufacturing</td>
<td>15</td>
</tr>
<tr>
<td>287.732</td>
<td>Quality Assurance Project</td>
<td>30</td>
</tr>
<tr>
<td>287.733</td>
<td>Quality Management</td>
<td>30</td>
</tr>
<tr>
<td>287.734</td>
<td>Statistical Methods for Quality</td>
<td>30</td>
</tr>
<tr>
<td>287.735</td>
<td>Quality Improvement</td>
<td>15</td>
</tr>
</tbody>
</table>

**EQUINE**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>286.131</td>
<td>Introduction to Equine Nutrition and Health</td>
<td>15</td>
</tr>
<tr>
<td>286.211</td>
<td>Equine Reproduction and Breeding</td>
<td>15</td>
</tr>
<tr>
<td>286.221</td>
<td>Structure and Function of the Equine Athlete</td>
<td>15</td>
</tr>
<tr>
<td>286.222</td>
<td>The Equine Lower Limb</td>
<td>15</td>
</tr>
<tr>
<td>286.251</td>
<td>Equine Behaviour, Training and Welfare</td>
<td>15</td>
</tr>
<tr>
<td>286.321</td>
<td>Responses to Training in the Equine Athlete</td>
<td>15</td>
</tr>
</tbody>
</table>

**INDUSTRIAL INNOVATION**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>287.320</td>
<td>Product Design</td>
<td>15</td>
</tr>
<tr>
<td>287.341</td>
<td>Quality Systems Design</td>
<td>15</td>
</tr>
</tbody>
</table>

**PRODUCTION TECHNOLOGY**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>287.342</td>
<td>Agile Manufacturing</td>
<td>15</td>
</tr>
<tr>
<td>287.455</td>
<td>Advanced Industrial Management Practices</td>
<td>15</td>
</tr>
<tr>
<td>287.533</td>
<td>Agile Manufacturing</td>
<td>15</td>
</tr>
<tr>
<td>287.732</td>
<td>Quality Assurance Project</td>
<td>30</td>
</tr>
<tr>
<td>287.733</td>
<td>Quality Management</td>
<td>30</td>
</tr>
<tr>
<td>287.734</td>
<td>Statistical Methods for Quality</td>
<td>30</td>
</tr>
<tr>
<td>287.735</td>
<td>Quality Improvement</td>
<td>15</td>
</tr>
</tbody>
</table>

**EQUINE**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>286.131</td>
<td>Introduction to Equine Nutrition and Health</td>
<td>15</td>
</tr>
<tr>
<td>286.211</td>
<td>Equine Reproduction and Breeding</td>
<td>15</td>
</tr>
<tr>
<td>286.221</td>
<td>Structure and Function of the Equine Athlete</td>
<td>15</td>
</tr>
<tr>
<td>286.222</td>
<td>The Equine Lower Limb</td>
<td>15</td>
</tr>
<tr>
<td>286.251</td>
<td>Equine Behaviour, Training and Welfare</td>
<td>15</td>
</tr>
<tr>
<td>286.321</td>
<td>Responses to Training in the Equine Athlete</td>
<td>15</td>
</tr>
</tbody>
</table>

**INDUSTRIAL INNOVATION**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>287.320</td>
<td>Product Design</td>
<td>15</td>
</tr>
<tr>
<td>287.341</td>
<td>Quality Systems Design</td>
<td>15</td>
</tr>
</tbody>
</table>

**PRODUCTION TECHNOLOGY**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>287.342</td>
<td>Agile Manufacturing</td>
<td>15</td>
</tr>
<tr>
<td>287.455</td>
<td>Advanced Industrial Management Practices</td>
<td>15</td>
</tr>
<tr>
<td>287.533</td>
<td>Agile Manufacturing</td>
<td>15</td>
</tr>
<tr>
<td>287.732</td>
<td>Quality Assurance Project</td>
<td>30</td>
</tr>
<tr>
<td>287.733</td>
<td>Quality Management</td>
<td>30</td>
</tr>
<tr>
<td>287.734</td>
<td>Statistical Methods for Quality</td>
<td>30</td>
</tr>
<tr>
<td>287.735</td>
<td>Quality Improvement</td>
<td>15</td>
</tr>
</tbody>
</table>

**EQUINE**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>286.131</td>
<td>Introduction to Equine Nutrition and Health</td>
<td>15</td>
</tr>
<tr>
<td>286.211</td>
<td>Equine Reproduction and Breeding</td>
<td>15</td>
</tr>
<tr>
<td>286.221</td>
<td>Structure and Function of the Equine Athlete</td>
<td>15</td>
</tr>
<tr>
<td>286.222</td>
<td>The Equine Lower Limb</td>
<td>15</td>
</tr>
<tr>
<td>286.251</td>
<td>Equine Behaviour, Training and Welfare</td>
<td>15</td>
</tr>
<tr>
<td>286.321</td>
<td>Responses to Training in the Equine Athlete</td>
<td>15</td>
</tr>
</tbody>
</table>

**INDUSTRIAL INNOVATION**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>287.320</td>
<td>Product Design</td>
<td>15</td>
</tr>
<tr>
<td>287.341</td>
<td>Quality Systems Design</td>
<td>15</td>
</tr>
</tbody>
</table>

**PRODUCTION TECHNOLOGY**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>287.342</td>
<td>Agile Manufacturing</td>
<td>15</td>
</tr>
<tr>
<td>287.455</td>
<td>Advanced Industrial Management Practices</td>
<td>15</td>
</tr>
<tr>
<td>287.533</td>
<td>Agile Manufacturing</td>
<td>15</td>
</tr>
<tr>
<td>287.732</td>
<td>Quality Assurance Project</td>
<td>30</td>
</tr>
<tr>
<td>287.733</td>
<td>Quality Management</td>
<td>30</td>
</tr>
<tr>
<td>287.734</td>
<td>Statistical Methods for Quality</td>
<td>30</td>
</tr>
<tr>
<td>287.735</td>
<td>Quality Improvement</td>
<td>15</td>
</tr>
</tbody>
</table>

**EQUINE**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>286.131</td>
<td>Introduction to Equine Nutrition and Health</td>
<td>15</td>
</tr>
<tr>
<td>286.211</td>
<td>Equine Reproduction and Breeding</td>
<td>15</td>
</tr>
<tr>
<td>286.221</td>
<td>Structure and Function of the Equine Athlete</td>
<td>15</td>
</tr>
<tr>
<td>286.222</td>
<td>The Equine Lower Limb</td>
<td>15</td>
</tr>
<tr>
<td>286.251</td>
<td>Equine Behaviour, Training and Welfare</td>
<td>15</td>
</tr>
<tr>
<td>286.321</td>
<td>Responses to Training in the Equine Athlete</td>
<td>15</td>
</tr>
</tbody>
</table>

**INDUSTRIAL INNOVATION**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>287.320</td>
<td>Product Design</td>
<td>15</td>
</tr>
<tr>
<td>287.341</td>
<td>Quality Systems Design</td>
<td>15</td>
</tr>
</tbody>
</table>

**PRODUCTION TECHNOLOGY**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>287.342</td>
<td>Agile Manufacturing</td>
<td>15</td>
</tr>
<tr>
<td>287.455</td>
<td>Advanced Industrial Management Practices</td>
<td>15</td>
</tr>
<tr>
<td>287.533</td>
<td>Agile Manufacturing</td>
<td>15</td>
</tr>
<tr>
<td>287.732</td>
<td>Quality Assurance Project</td>
<td>30</td>
</tr>
<tr>
<td>287.733</td>
<td>Quality Management</td>
<td>30</td>
</tr>
<tr>
<td>287.734</td>
<td>Statistical Methods for Quality</td>
<td>30</td>
</tr>
<tr>
<td>287.735</td>
<td>Quality Improvement</td>
<td>15</td>
</tr>
</tbody>
</table>

**EQUINE**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>286.131</td>
<td>Introduction to Equine Nutrition and Health</td>
<td>15</td>
</tr>
<tr>
<td>286.211</td>
<td>Equine Reproduction and Breeding</td>
<td>15</td>
</tr>
<tr>
<td>286.221</td>
<td>Structure and Function of the Equine Athlete</td>
<td>15</td>
</tr>
<tr>
<td>286.222</td>
<td>The Equine Lower Limb</td>
<td>15</td>
</tr>
<tr>
<td>286.251</td>
<td>Equine Behaviour, Training and Welfare</td>
<td>15</td>
</tr>
<tr>
<td>286.321</td>
<td>Responses to Training in the Equine Athlete</td>
<td>15</td>
</tr>
</tbody>
</table>

**INDUSTRIAL INNOVATION**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>287.320</td>
<td>Product Design</td>
<td>15</td>
</tr>
<tr>
<td>287.341</td>
<td>Quality Systems Design</td>
<td>15</td>
</tr>
</tbody>
</table>

**PRODUCTION TECHNOLOGY**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>287.342</td>
<td>Agile Manufacturing</td>
<td>15</td>
</tr>
<tr>
<td>287.455</td>
<td>Advanced Industrial Management Practices</td>
<td>15</td>
</tr>
<tr>
<td>287.533</td>
<td>Agile Manufacturing</td>
<td>15</td>
</tr>
<tr>
<td>287.732</td>
<td>Quality Assurance Project</td>
<td>30</td>
</tr>
<tr>
<td>287.733</td>
<td>Quality Management</td>
<td>30</td>
</tr>
<tr>
<td>287.734</td>
<td>Statistical Methods for Quality</td>
<td>30</td>
</tr>
<tr>
<td>287.735</td>
<td>Quality Improvement</td>
<td>15</td>
</tr>
</tbody>
</table>
### 287.736 Service Quality
15 credits
The concept of service quality and the definition of customer models for evaluating the service function, using customer data for improvement, and the design and management of a service function.

### 287.737 Quality and People
15 credits
Industrial management theory and industrial engineering techniques in production environments and an appreciation of the human factors and management technologies that underpin the techniques.

### 287.738 Quality and Production
15 credits
Interrelationship of the production function and product quality requirements. Contemporary practices and techniques to maintain and improve product quality through design, planning, manufacturing and related operations.

### 287.740 Innovation Management
15 credits
An advanced course of study of innovation management practices applied to product innovation, including new product strategy, portfolio management, organisational management and performance measurement and knowledge management. Investigation of current literature and industry practice, applied to companies of different sizes and types.

### 287.741 Quality System Development and Management
15 credits
All organisations require to effectively manage the quality of their goods and services, and that of the processes and systems that produce or deliver them. This course introduces the key principles of quality systems and their control and management. This includes core definitions, key theorists, relevant standards, documentation requirements, and associated tools, methods and principles for managing and controlling quality.

### 287.742 Business Process Improvement
15 credits
In order to remain competitive all organisations need to continually improve their processes. Major approaches to business process improvement include business process reengineering, benchmarking, business excellence and six sigma (DMAIC). This course introduces the student to the major tools, techniques and strategic approaches to process improvement, applicable within any type of industry or organisation.

### 287.743 Lean Operations
15 credits
A Lean organisation is based upon the principles of creating customer value and minimising waste. This course reviews theory and techniques required to analyse operational performance and to design improved methods. It also considers the various approaches to implement a Lean transformation. The skills learnt could be applied in manufacturing, a supply chain or any service business.

### 287.744 Advanced Manufacturing Strategies
15 credits
Advanced studies of manufacturing and technological systems and the role of the technologist as a change agent and manager. Problem-solving skills, the Goldratt Thinking Processes, advanced scheduling concepts. Emphasizes the needs of technology managers, including the development of professional skills and thinking processes applied to improvement of systems. Significant components of case study, computer simulation laboratories, computer applications, group work.

### 287.899 Thesis
120 credits
A supervised and guided independent study resulting in a thesis.

### CREATIVE MEDIA PRODUCTION

#### 289.101 Introduction to Web and Mobile Media
15 credits
In this course students will be introduced to industry standard web and mobile media platforms and authoring tools. Students will gain a creative and technical knowledge and understanding of media concepts and production processes essential for the production of interactive media on multiple platforms.

#### 289.102 Visualisation for Media Production
15 credits
In this studio course students develop visualisation and rendering techniques to enable them to give visual form to abstract ideas and concepts. These visualisations will be applied to a range of formats including storyboarding, concept visualisation and character development.

#### 289.103 Introduction to Computer Animation
15 credits
In this course students will be introduced to industry standard digital tools for 2D and 3D computer animation. Students will gain a creative and technical knowledge and understanding of character, movement and rendering processes essential for the production of computer animation.

#### 289.104 Introduction to Visual Effects and Motion Graphics
15 credits
In this studio course students will develop and apply techniques of digital special effects and motion graphic effects. Students will acquire fundamental skills with effects such as dynamics, particles, fluids, light and rendering, and apply these to a range of example production situations.

#### 289.105 Introduction to Digital Video Production
15 credits
In this course students will be introduced to industry standard digital video production tools and environments. Students will gain a creative and technical knowledge and understanding of camera, lighting, editing and post-production processes essential for the creation of moving image formats.

#### 289.106 Introduction to Game Technologies and Mechanics
15 credits
In this course students will be introduced to industry standard digital tools for games. Students will gain a basic creative and technical knowledge and understanding of game mechanics, concepts and production processes essential for the production of games platforms.

#### 289.107 Introduction to Audio Production and Sound Design
15 credits
In this course students will be introduced to industry standard digital audio production tools and environments. Students will gain a creative and technical knowledge and understanding of sound design concepts and audio production processes essential for the production of sound and music for multiple media and platforms.

#### 289.108 Introduction to Animatronics and Modelling
15 credits
In this course students will be introduced to basic electronics and animatronics modelling. Students will gain a creative and technical knowledge and understanding of animatronics and modelling and physical computing required for the production of computer-controlled objects and physical effects.

#### 289.110 Introduction to Time-based Editing
15 credits
In this course students will be introduced to industry standard digital tools for time-based editing. Students will gain a creative and technical knowledge and understanding of approaches and methodologies essential for editing material for film, television, animation, game, augmented reality and emerging media.

#### 289.111 Introduction to 3D Modelling and Texturing
15 credits
In this course students will be introduced to industry standard digital tools for the creation of 3D assets. Students will gain a creative and technical knowledge and understanding of approaches and methodologies essential for the production of 3D assets for computer animation, visual effects, games, augmented reality and emerging media.
In this course students will be introduced to industry standard techniques for film and video production on location. Students will gain a creative and technical knowledge and understanding of lighting and digital recording processes essential for the creation and development of externally-based (non-studio) productions.

**Creative Media Production Special Topic 1a**
This course focuses on a particular aspect of creative media production at introductory level focusing on digital platforms or technologies to result in outputs that demonstrate creativity and/or innovation. Offerings change from year to year and the course may not be offered in a particular year.

**Creative Media Production Special Topic 1b**
This course focuses on a particular aspect of creative media production at introductory level focusing on digital platforms or technologies to result in outputs that demonstrate creativity and/or innovation. Offerings change from year to year and the course may not be offered in a particular year.

**Creative Media Production Special Topic 1c**
This course focuses on a particular aspect of creative media production at introductory level focusing on digital platforms or technologies to result in outputs that demonstrate creativity and/or innovation. Offerings change from year to year and the course may not be offered in a particular year.

**Media Innovation and Creativity**
In this course students will gain an understanding of how formats have been disrupted by digital technology, challenging old models and creating new opportunities. Students will then explore applied research and innovation techniques used for developing and assessing the social, cultural and commercial viability of cross-media proposals.

**Cross-Media Production**
In this course students choose two media production subjects with the aim of developing cross-media competences. While furthering technical knowledge students examine forms critically with appropriate reference to social and cultural values and diversities applying aesthetic and narrative processes and forms through the production of short creative media projects.

**Intermedia**
In this course students work together exploring experimental and hybrid media arts practices such as installation, site specific, video, sound, performance and internet art. With a focus on the histories of avant-garde and experimental electronic arts the course will encourage students to work across disciplines and forms of artistic expression integrating media technology.

**Media Production Development**
In this course students work professionally with trans-disciplinary teams assisting in the production of externally focused projects. Students take on assistant production roles that support various scheduled production tasks.

**Media Post-production Development**
In this course students work professionally with trans-disciplinary teams assisting in the production of externally focused projects. Students take on assistant post-production roles that support various scheduled post-production tasks.

**Computer Animation Production**
In this course students will further their application of industry standard digital tools for 2D and 3D computer animation for animation production. Students will gain extended creative and technical knowledge and understanding of character, movement and rendering processes and develop their knowledge and application of aesthetics and form.

**Visual Effects Production**
In this studio laboratory course students will further develop their application of digital special effects and motion graphic effects for production. Students will gain extended skills with effects such as dynamics, particles, fluids, light and rendering, and develop their knowledge and applications of aesthetics and form.

**Game Technologies Project**
In this course students will further their application of industry standard digital tools for a games project. Students will gain extended creative and technical knowledge and understanding of game mechanics, concepts and production processes essential for the production of games platforms and develop their knowledge and application of aesthetics and form.

**Video and Sound Production**
In this course students will further their application of industry standard digital audio and video production tools for video and sound productions. Students will gain extended creative and technical knowledge and understanding of video production, sound design concepts and audio production processes and develop their knowledge and application of aesthetics and form.

**Web and Interactive Production**
In this course students will further their application of industry standard digital tools and techniques for development of interactive projects across different platforms. Students will gain extended creative and technical knowledge and understanding of development processes and programming, and develop their knowledge and application of aesthetics and form.

**Working with Scripted Material**
In this course students will be reading, interpreting, and working with scripted content with the intent of realising the material through various creative media production practices. Students will work with scripts and student-created material for film, television, animation, game, augmented reality, and other emerging media.

**Portfolio and Dissemination**
In this course students will prepare for progression to postgraduate study or transition to industry in the development of an online portfolio managing processes advantageous to their graduate progression and future networks. Students will also develop creative and organisational approaches to devising a range of events such as exhibitions, screenings and performances and gain a critical understanding of audience, site, experience, liveness, and spectacle.

**Creative Media Production Special Topic 2a**
This course focuses on a particular aspect of creative media production at intermediate level focusing on digital platforms or technologies to result in well-developed outputs that demonstrate creativity and/or innovation. Offerings change from year to year and the course may not be offered in a particular year.

**Creative Media Production Special Topic 2b**
This course focuses on a particular aspect of creative media production at intermediate level focusing on digital platforms or technologies to result in well-developed outputs that demonstrate creativity and/or innovation. Offerings change from year to year and the course may not be offered in a particular year.

**Portfolio and Dissemination**
In this course students will prepare for progression to postgraduate study or transition to industry in the development of an online portfolio managing processes advantageous to their graduate progression and future networks. Students will also develop creative and organisational approaches to devising a range of events such as exhibitions, screenings and performances and gain a critical understanding of audience, site, experience, liveness, and spectacle.
In this course students will apply research, ideation and value proposition methodologies with a view to developing content solutions in response to cross-media industry briefs. Students will be required to prepare presentations using appropriate audio-visual media in the form of a professional pitch to the client.

**Major Project Pre-production**
In this course students will be supported in producing a group pre-production document detailing the planning and resourcing requirements for Major Project Production and Post-production studio courses. Students will be required to work effectively as a team and communicate professionally at all times agreeing scope and schedules of work with clients.

**Major Project Production**
In this studio course students will be required to work creatively and professionally in cross media teams leading in the process of producing assets responding to industry briefs developed in the Major Project Innovation Lab and Preproduction courses. Students will again be required to communicate with the client and manage and meet deadlines according to schedules and budgets.

**Major Project Postproduction**
In this studio course students will demonstrate their ability to put into practice postproduction skills and knowledge learned throughout the degree. Students will be required to work creatively and professionally in interdisciplinary post-production teams and deliver finished works and assets as agreed with the client for final signoff.

**Major Project Production**
In this studio production course, students will be required to work to an advanced technical, creative and professional standard through cross-media teams to complete their Year 3 Major Project. Students will put into production the projects developed in the Major Project Innovation Lab and Preproduction courses, producing digital assets, content, programming, and executables/deliverables appropriate to their brief. Students will be required to manage deadlines, schedules, budgets and external communications to ensure project completion.

**Critical Response and Reflection**
In this course students develop an understanding of disciplinary specific theoretical and methodological frameworks relevant to creative media production. Through engagement with pertinent critical texts, students will become equipped with the intellectual tools for the critical exploration and reflection of creative work undertaken in their Major Project.

**Advanced Computer Animation Practice**
In this course students will gain an advanced knowledge of computer animation techniques, approaches, and methodologies, and apply them to the production of a group project. Students will gain an understanding of professional computer animation production pipeline and advanced digital rendering techniques.

**Advanced VFX Practice**
In this course students will gain advanced knowledge of digital visual effects techniques, technologies approaches, and methodologies and apply them to the production of a group project. Students will gain an understanding of professional computer VFX production pipelines digital tool programming, and advanced rendering techniques.

**Advanced Game Practice**
In this course students will gain advanced knowledge of game development techniques. Students will also gain an advanced understanding of desktop, mobile and console packaging techniques, and strategies for online distribution.

**Advanced Video and Sound Practice**
In this course students will gain advanced knowledge of video and sound recording techniques. Students will also gain an advanced understanding of professional production pipeline, international travel procedures and equipment.

**Advanced Web and Interactive Practice**
In this course students will gain advanced knowledge of web, mobile, and interactive media development techniques. Students will also gain an advanced understanding of front and back-end technologies and techniques, and strategies for online distribution.

**Creative Media Production Special Topic 3a**
This course focuses on a particular aspect of creative media production at an advanced level focusing on digital platforms or technologies to result in professional standard outputs that demonstrate creativity and/or innovation. Offerings change from year to year and the course may not be offered in a particular year.

**RETAIL**

**Retail Practice Internship**
The internship will provide an overview of product and service delivery to customers in the retail environment. The internship will focus on a chosen retail industry and contrast the differences between competing retailers of varying sizes and retail models.

**Fundamentals of Retailing**
An introduction to the fundamental concepts and principles of retailing from local and international viewpoints.

**Retail Knowledge Internship**
The internship provides the participant with a practical understanding of the components of a retail operation from buying (supply end) to delivery (customer end). The internship will focus on a chosen industry in retail and examine the differences in the components of a retail operation between retailers of different sizes and retail models, both domestically and internationally. The internship will examine the relationships between sourcing, supplying and servicing customers through retail environments.

**Retail Operations**
This course explores the functions that occur within a retail store (physical and virtual), and how they are integrated to deliver the retailer’s business proposition to satisfy customer needs and wants.

**Retail Buying and Planning**
A study of the theory and practice of effective product buying from suppliers, and the planning of product range construction and execution of merchandising the range to the customer in the retail environment. The course critically evaluates models of retail buying, category management and product range planning and explores their impact in both traditional retail and e-commerce contexts.

**Store Design and Visual Merchandising**
This course examines the ‘path to purchase’ that customers undertake when navigating physical or virtual store environments. It explores the theory and practices used to design retail premises to maximise sales and return on investment, and considers how merchandise is ranged and displayed ‘in-store’ to deliver on retail metrics.

**Retail Experience Internship**
This capstone internship involves extensive work within a retail business to analyse and critique current practices against retail and business theories and international best practice.

**Retail Strategy and Business Planning**
A study of the strategic planning frameworks and models used by retail businesses to construct strategies to ensure business viability. This course evaluates historical practices of strategy formation as well as how changes in the modern marketplace are affecting retail strategy.
## MAORI AND INDIGENOUS BUSINESS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>291.701</td>
<td>Theories of Learning</td>
<td>15</td>
</tr>
<tr>
<td>291.702</td>
<td>The Maori Economy</td>
<td>15</td>
</tr>
<tr>
<td>291.703</td>
<td>Critical Analysis and Writing</td>
<td>15</td>
</tr>
<tr>
<td>291.704</td>
<td>Decision Making in Business</td>
<td>15</td>
</tr>
<tr>
<td>291.711</td>
<td>Maori in Business 1</td>
<td>15</td>
</tr>
<tr>
<td>291.712</td>
<td>Business Communication</td>
<td>15</td>
</tr>
<tr>
<td>291.713</td>
<td>Process and Project Management</td>
<td>15</td>
</tr>
<tr>
<td>291.714</td>
<td>People Management</td>
<td>15</td>
</tr>
<tr>
<td>291.721</td>
<td>Maori in Business 2</td>
<td>15</td>
</tr>
<tr>
<td>291.722</td>
<td>Marketing</td>
<td>15</td>
</tr>
<tr>
<td>291.723</td>
<td>Innovation and Entrepreneurs</td>
<td>15</td>
</tr>
<tr>
<td>291.724</td>
<td>Finance and Accounting</td>
<td>15</td>
</tr>
</tbody>
</table>

### Course Descriptions

**Theories of Learning**
Explores advanced theoretical approaches to learning, development and knowledge creation. Applies learning theories, human resource development theories, theories of Indigenous development, and approaches to organisational learning to a Maori business and development context.

**The Maori Economy**
Examines the size, nature and potential of the New Zealand and Maori economy. Explore the influence of external factors on Maori and Indigenous business and their impact on economic, social and cultural wellbeing. Applies economic theory and models of business growth to Indigenous and Maori business.

**Critical Analysis and Writing**
Develops abilities in intellectual analysis and critique in the context of complex theoretical and business issues. Explores genres and form to develop advanced techniques in writing and critical thinking appropriate for academic contexts.

**Decision Making in Business**
Takes a cross cultural approach to advanced theory and practice in business based problem solving and decision-making. Provides an in-depth analysis at individual, group, organisational and national levels of granularity. Includes the development of strategies in risk analysis and the assessment of complex business issues which have economic, cultural and ethical dimensions.

**Maori in Business 1**
Examines a range of economic perspectives and theories, with a specific focus on their relevance to the philosophical and cultural values and practices that inform Maori and Indigenous business.

**Business Communication**
Explores theoretical approaches to business communication and the alternative techniques and technologies that can be deployed.

**Process and Project Management**
Examines the essentials of managing both existing processes and new projects. Emphasis is placed on selecting and developing appropriate metrics and on evaluating the core trade-offs between time, quality, and cost.

**People Management**
A multi-faceted review of staffing, employee development, performance management, reward, diversity management and employee well-being that leads to a critical consideration of how these dimensions of people management can be interpreted and implemented in the context of Maori and Indigenous worldviews.

**Maori in Business 2**
Analyses Maori and Indigenous business, with a specific focus on the contemporary contexts of Maori and Indigenous business and considers governance and policy contexts.

**Marketing**
Provides advanced marketing theory, current debate and practice. Relates and critiques current thinking and its application to Maori and Indigenous businesses.

**Innovation and Entrepreneurs**
Develops understanding and practice in innovation and entrepreneurship. The course has a focus on the application of theories leading to innovation and entrepreneurial activity in Maori and Indigenous business contexts.

**Finance and Accounting**
Practice and theory of analyses of data that inform the financial decisions mid-level and senior business people make. Gain skills in critically interpreting financial data, making reasoned decisions and recommending consequential actions.

### Additional Courses

**Maori in Business 3**
This capstone course involves a sophisticated exposition of theory and a critical analysis of a business problem which informs an independent piece of research. An emphasis is placed on developing theoretically and data driven recommendations in response to an identified strategic issue.

**Career Management**
Independent application of specialised knowledge of Indigenous career management theories to students’ own careers, to multicultural organisations and to Maori and Indigenous business communities as a whole.

**International Business**
Considers issues and strategies for Maori and Indigenous businesses operating on a global platform. Students will analyse competing priorities and cultural perspectives that international business involves and apply this knowledge to complex business situations.

**Advanced Social Enterprise**
Provides an advanced course requiring strategic and entrepreneurial thinking combined with the Tikanga (values, skills and attitudes) developed through the programme. Work as independent teams to investigate an issue related to Maori or Indigenous people and determine an innovative and sustainable solution.

### PORTUGUESE

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>292.101</td>
<td>Introductory Portuguese Language 1</td>
<td>15</td>
</tr>
<tr>
<td>292.102</td>
<td>Introductory Portuguese Language 2</td>
<td>15</td>
</tr>
<tr>
<td>292.201</td>
<td>Intermediate Portuguese Language 1</td>
<td>15</td>
</tr>
<tr>
<td>292.202</td>
<td>Intermediate Portuguese Language 2</td>
<td>15</td>
</tr>
<tr>
<td>292.301</td>
<td>Advanced Portuguese Language</td>
<td>15</td>
</tr>
<tr>
<td>292.305</td>
<td>Brazilian Culture and Heritage</td>
<td>15</td>
</tr>
</tbody>
</table>

### Creative Arts

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>293.701</td>
<td>Prototype and Synopsis</td>
<td>30</td>
</tr>
<tr>
<td>293.702</td>
<td>Commercial Viability</td>
<td>15</td>
</tr>
</tbody>
</table>

**Prototype and Synopsis**
Students prepare an early prototype and synopsis or equivalent concept that is relevant to their creative endeavour. This culminates in the preparation of a proposal for the Major Project.

**Commercial Viability**
An exploration of approaches to commercialisation that are intrinsic to professional practice in creative disciplines, in this course, students learn how to create an effective value proposition as part of their creative strategy. Students learn research methodologies, including market and competition.
analysis, to test market viability via theoretical tools relating to new ideas and innovation.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>293.703</td>
<td>Advanced Creative Enterprise</td>
<td>15</td>
</tr>
<tr>
<td>293.730</td>
<td>Critical Frameworks for Creative Practice</td>
<td>15</td>
</tr>
<tr>
<td>293.731</td>
<td>Applied Critical Perspectives</td>
<td>15</td>
</tr>
<tr>
<td>293.810</td>
<td>MCE Major Project</td>
<td>90</td>
</tr>
<tr>
<td>293.811</td>
<td>MCE Major Project Part 1</td>
<td>45</td>
</tr>
<tr>
<td>293.812</td>
<td>MCE Major Project Part 2</td>
<td>45</td>
</tr>
</tbody>
</table>

**TE REO MĀORI**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>300.110</td>
<td>Te Reo Whakahoahao: Socialising in Te Reo</td>
<td>15</td>
</tr>
<tr>
<td>300.111</td>
<td>Te Reo Konakinaki: Developing Te Reo</td>
<td>15</td>
</tr>
<tr>
<td>300.209</td>
<td>Te Reo Torangapu: Political Te Reo</td>
<td>15</td>
</tr>
<tr>
<td>300.210</td>
<td>Te Reo Korerorero: Discussing in Te Reo</td>
<td>15</td>
</tr>
</tbody>
</table>

**300.211 Te Reo Whakanakonako: Embellishing Te Reo**
Ka akona te mono reo e ahu mai ana i te kawa o o tauto marae e hangai ana ki te tangihanga, ki te whakatauki, ki te pepeha, ki te korerorero purakau, ki te waiata tawhito. I roto i enei kaupapa korerorero katoa ka wanaunga reo me mono reo hei whakapakari i te reo korerorero, te reo tuhitihiti, te reo whakakarama. Ko nga whakahauere katoa mo te reo Maori. Taught in te reo, this course examines te reo as a formal language associated with tangihanga, whakatauki, pepeha, korerorero purakau and waiata tawhito.

**300.310 Te Reo Auaha: Creative Writing in Te Reo**
Taught in te reo, this course applies critical analysis to literature in te reo by authors and composers across a range of genres and disciplines. Students engage in creative composition and explore a range of literary techniques and processes, including editing, peer review and critical revision.

**300.311 Te Reo Papa: Strengthening Te Reo**
Tuatahi he ako i te mono reo e ahu mai ana i te moteatea-a-korerorero, korerorero purakau, me nga korekore mo te tahi o ou na tipuna. I roto i enei kaupapa katoa ka wanaunga tenei mono reo hei whakapakari i te reo korerorero, te reo tuhitihiti, te reo whakakarama. Ko nga whakahauere katoa mo te reo Maori. Taught in te reo, this course explores Maori poetry, tribal legends and writings about ancestors, linking Maori philosophies, idioms and metaphors with Maori as a modern oral and written language.

**502 COLLEGE OF SCIENCES COURSES**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>502.701</td>
<td>Workplace-based Learning in the Sciences</td>
<td>60</td>
</tr>
<tr>
<td>502.702</td>
<td>Extended Workplace-based Learning in the Sciences</td>
<td>60</td>
</tr>
</tbody>
</table>

**569**
<table>
<thead>
<tr>
<th>INDEX</th>
<th>KUPUTOHU</th>
</tr>
</thead>
</table>

### A

| Academic Board | 4 |
| Academic Board Committees | 4 |
| Academic Dress | 9 |
| Academic English | 404 |
| Academic Integrity | 408 |
| Academic Progress Regulations | 68 |
| Accountancy | 171 |
| Bachelor of | 171 |
| Postgraduate Diploma in | 263 |
| Administrative and Support Services | 40 |
| Admission Regulations | 63 |
| Admission with Equivalent Status Regulations | 64 |
| Advanced Academic English | 405 |
| Foundation Certificate in | 405 |
| Advanced Leadership Practice | 83 |
| Bachelor of | 83 |
| Aegrotat/Impaired Performance Consideration | 412 |
| AgriCommerce | 172 |
| Bachelor of | 172 |
| Master of | 84 |
| Postgraduate Diploma in | 264 |
| Agriculture | 365 |
| Diploma in | 365 |
| Foundation Certificate in | 405 |
| Master of | 85 |
| AgriScience | 174 |
| Bachelor of | 174 |
| Master of | 86 |
| Alumni, Office of Development and | 9 |
| Analytics | 88 |
| Bachelor of | 176 |
| Master of | 89 |
| Applied Economics | 176 |
| Bachelor of | 176 |
| Master of | 89 |
| Applied Linguistics | 90 |
| Bachelor of | 90 |
| Postgraduate Certificate in | 309 |
| Postgraduate Diploma in | 264 |
| Applied Social Work | 323 |
| Bachelor of | 323 |
| Master of | 91 |
| Arms and Colours of the University, The | 2 |
| Arts | 177 |
| Bachelor of | 177 |
| Bachelor or (Honours) | 155 |
| Certificate in | 389 |
| Diploma in | 365 |
| Graduate Certificate in | 353 |
| Graduate Diploma in | 324 |
| Master of | 92 |
| Postgraduate Certificate in | 309 |
| Postgraduate Diploma in | 265 |
| Assessment and Examination Regulations | 411 |
| Assistant Vice-Chancellor External Relations and Development | 14 |
| Assistant Vice-Chancellor Māori and Pasifika | 14 |
| Assistant Vice-Chancellor Operations, International and University Registrar | 14 |
| Assistant Vice-Chancellor People and Organisational Development | 15 |
| Assistant Vice-Chancellor Research, Academic and Enterprise | 15 |
| Assistant Vice-Chancellor Strategy, Finance, IT and Commercial Operations | 16 |
| Aviation | 189 |
| Bachelor of | 189 |

### B

<table>
<thead>
<tr>
<th>Bachelor's Degrees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accountancy</td>
</tr>
<tr>
<td>AgriCommerce</td>
</tr>
<tr>
<td>AgriScience</td>
</tr>
<tr>
<td>Applied Economics</td>
</tr>
<tr>
<td>Arts</td>
</tr>
<tr>
<td>Aviation</td>
</tr>
<tr>
<td>Aviation Management</td>
</tr>
<tr>
<td>Business</td>
</tr>
<tr>
<td>Commercial Music</td>
</tr>
<tr>
<td>Communication</td>
</tr>
<tr>
<td>Conjoint Programme for Bachelor of Arts and Bachelor of Business</td>
</tr>
<tr>
<td>Conjoint Programme for Bachelor of Arts and Bachelor of Science</td>
</tr>
<tr>
<td>Conjoint Programme for Bachelor of Business and Bachelor of Science</td>
</tr>
<tr>
<td>Construction</td>
</tr>
<tr>
<td>Creative Media Production</td>
</tr>
<tr>
<td>Design</td>
</tr>
<tr>
<td>Design with Honours</td>
</tr>
<tr>
<td>Education</td>
</tr>
<tr>
<td>Engineering</td>
</tr>
<tr>
<td>Engineering with Honours</td>
</tr>
<tr>
<td>Fine Arts</td>
</tr>
<tr>
<td>Fine Arts with Honours</td>
</tr>
<tr>
<td>Food Technology</td>
</tr>
<tr>
<td>Food Technology with Honours</td>
</tr>
<tr>
<td>Health Science</td>
</tr>
<tr>
<td>Information Sciences</td>
</tr>
<tr>
<td>Māori Visual Arts</td>
</tr>
<tr>
<td>Medical Laboratory Science</td>
</tr>
<tr>
<td>Natural Sciences</td>
</tr>
<tr>
<td>Nursing</td>
</tr>
<tr>
<td>Resource and Environmental Planning</td>
</tr>
<tr>
<td>Retail and Business Management</td>
</tr>
<tr>
<td>Science</td>
</tr>
<tr>
<td>Social Work</td>
</tr>
<tr>
<td>Speech and Language Therapy</td>
</tr>
<tr>
<td>Speech and Language Therapy with Honours</td>
</tr>
<tr>
<td>Sport and Exercise</td>
</tr>
<tr>
<td>Sport Management</td>
</tr>
<tr>
<td>Teaching and Learning Kura Kaupapa Māori</td>
</tr>
<tr>
<td>Teaching Māori Medium/ Diploma in Māori Education</td>
</tr>
<tr>
<td>Veterinary Science</td>
</tr>
<tr>
<td>Veterinary Technology</td>
</tr>
<tr>
<td>Bachelor's Degrees with Honours</td>
</tr>
<tr>
<td>Business Studies</td>
</tr>
<tr>
<td>Communication</td>
</tr>
<tr>
<td>Health Science</td>
</tr>
<tr>
<td>Information Sciences</td>
</tr>
<tr>
<td>Science</td>
</tr>
<tr>
<td>Sport and Exercise</td>
</tr>
<tr>
<td>Banking</td>
</tr>
<tr>
<td>Bachelor of</td>
</tr>
<tr>
<td>Postgraduate Certificate in</td>
</tr>
</tbody>
</table>
Elementary Intensive English
Certificate in .................................................. 401
Emergency Management
Graduate Certificate in ........................................ 359
Graduate Diploma in ........................................... 337
Master of .................................................... 112
Postgraduate Certificate in ................................ 315
Postgraduate Diploma in ..................................... 278
Engineering
Bachelor of ..................................................... 216
Master of ..................................................... 113
Postgraduate Diploma in ..................................... 279
Engineering Studies
Master of ..................................................... 113
Engineering with Honours
Bachelor of ..................................................... 211
English Language Competency ............................. 63
Enrolment at Massey University ............................. 417
Enrolment Regulations ......................................... 417
Environmental Health
Graduate Diploma in .......................................... 338
Environmental Management
Master of ..................................................... 114
Postgraduate Diploma in ..................................... 280
Environmental Mission Statement .......................... 6
Examination Regulations ....................................... 411
F
Fee Appeals ..................................................... 419
Fee Regulations ................................................ 421
Finance
Master of ..................................................... 116
Fine Arts
Bachelor of ..................................................... 218
Diploma in ...................................................... 381
Graduate Diploma in ......................................... 339
Master of ..................................................... 117
Postgraduate Diploma in ..................................... 281
Fine Arts with Honours
Bachelor of ..................................................... 217
Food Safety and Quality
Master of ..................................................... 117
Food Technology
Bachelor of ..................................................... 222
Master of ..................................................... 118
Food Technology with Honours
Bachelor of ..................................................... 220
Foundation Certificates
Advanced Academic English ................................. 405
Agriculture ...................................................... 405
Foundation Certificate in ..................................... 404
Foundation Studies
Certificate in .................................................... 402
G
General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates .......................... 66
General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates ........................................... 65
General University Information ............................... 3
Glossary of Terms ............................................. 423
Graduate Certificates .......................................... 353
Arts .............................................................. 353
Emergency Management ...................................... 359
Science and Technology ...................................... 360
Teaching English as an Additional Language .......... 363
Graduate Diplomas ............................................. 323
Arts .............................................................. 324
Aviation ......................................................... 330
Business Studies .............................................. 331
Design ........................................................ 335
Emergency Management ...................................... 337
Environmental Health ......................................... 338
Fine Arts ....................................................... 339
Information Sciences .......................................... 339
Journalism Studies ............................................. 342
Logistics and Supply Chain Management ................ 342
Occupational Health and Safety ............................ 343
Quality Systems .............................................. 343
Rural Studies .................................................. 344
Science and Technology ...................................... 346
Teaching (Early Childhood Education) ................. 349
Teaching (Primary) .......................................... 350
Teaching (Secondary) ........................................ 351
Technology .................................................. 352
Graduation Regulations ........................................ 421
Grievance Procedures .......................................... 413
H
Health Science
Bachelor of ..................................................... 222
Bachelor of (Honours) ......................................... 160
Diploma in ...................................................... 382
Master of ..................................................... 119
Postgraduate Diploma in ..................................... 282
Health Service Management
Postgraduate Diploma in ....................................... 283
History and Campuses ......................................... 6
Honorary Graduates ............................................ 55
Human Development
Diploma in ..................................................... 383
I
Impaired Performance Consideration ........................ 412
Industrial/Organisational Psychology
Postgraduate Diploma in ....................................... 284
Information Sciences
Bachelor of ..................................................... 226
Bachelor of (Honours) ......................................... 162
Graduate Diploma in ......................................... 339
Master of ..................................................... 120
Postgraduate Diploma in ..................................... 284
Intermediate Intensive English
Certificate in ..................................................... 402
International Development
Master of ..................................................... 122
Postgraduate Certificate in .................................. 316
Postgraduate Diploma in ..................................... 285
International Security
Master of ..................................................... 123
Postgraduate Certificate in .................................. 316
Postgraduate Diploma in ..................................... 286
J
Journalism
Master of ..................................................... 123
Postgraduate Diploma in ..................................... 287
Journalism Studies
Graduate Diploma in ......................................... 342
K
Key Dates 2018 .................................................. 59
| L | Legislative and Regulatory Framework .................................................. 4  
Library Regulations .................................................................................. 409  
Literacy Education ................................................................................... 287  
Master of .................................................................................................. 124  
Postgraduate Diploma in .......................................................................... 287  
Literature ................................................................................................... 78  
Doctor of ................................................................................................... 78  
Logistics and Supply Chain Management .................................................. 342  
Graduate Diploma in .................................................................................. 288  
Postgraduate Diploma in .......................................................................... 288  
M | Management  
Master of .................................................................................................. 125  
Māori and Indigenous Business  
Master of .................................................................................................. 127  
Postgraduate Certificate in ........................................................................ 317  
Postgraduate Diploma in .......................................................................... 288  
Māori Medium Teaching and Learning ....................................................... 289  
Postgraduate Diploma in .......................................................................... 289  
Māori Resource and Environmental Management  
Postgraduate Diploma in .......................................................................... 290  
Māori Visual Arts  
Bachelor of ................................................................................................ 229  
Master of ................................................................................................... 128  
Postgraduate Diploma in .......................................................................... 291  
Massey Business School ........................................................................... 38  
Massey Medal Recipients .......................................................................... 57  
Massey University qualifications ................................................................ 63  
Massey University Strategy 2018-2022 ...................................................... 5  
Master's Degrees  
Advanced Leadership Practice ................................................................... 83  
AgriCommerce ............................................................................................ 84  
Agriculture .................................................................................................. 85  
AgriScience ................................................................................................ 86  
Analytics ...................................................................................................... 88  
Applied Economics ..................................................................................... 89  
Applied Linguistics ..................................................................................... 90  
Applied Social Work .................................................................................. 90  
Applied Statistics ....................................................................................... 91  
Arts ............................................................................................................... 92  
Aviation ...................................................................................................... 96  
Business Administration ............................................................................ 97  
Business Studies ....................................................................................... 98  
Clinical Psychology ................................................................................... 101  
Communication ......................................................................................... 102  
Construction .............................................................................................. 103  
Counselling Studies ................................................................................... 104  
Creative Enterprise .................................................................................... 105  
Creative Writing .......................................................................................... 105  
Dairy Science and Technology .................................................................. 106  
Design ......................................................................................................... 106  
Education ................................................................................................... 107  
Educational Administration and Leadership .............................................. 109  
Educational and Developmental Psychology† ........................................... 110  
Educational Psychology .............................................................................. 111  
Emergency Management ........................................................................... 112  
Engineering ................................................................................................ 113  
Engineering Studies ................................................................................... 113  
Environmental Management ..................................................................... 114  
Finance ...................................................................................................... 116  
Fine Arts .................................................................................................... 117  
Food Safety and Quality ............................................................................ 117  
Food Technology ....................................................................................... 118  
Health Science ........................................................................................... 119  
Information Sciences .................................................................................. 120  
International Development ....................................................................... 122  
International Security ................................................................................ 123  
Journalism ................................................................................................... 123  
Literacy Education ...................................................................................... 124  
Management .............................................................................................. 125  
Māori and Indigenous Business ................................................................. 127  
Māori Visual Arts ......................................................................................... 128  
Natural Sciences .......................................................................................... 129  
Nursing ........................................................................................................ 130  
Professional Accountancy and Finance ..................................................... 131  
Professional Public Relations .................................................................. 132  
Public Health ............................................................................................... 133  
Quality Systems .......................................................................................... 134  
Resource and Environmental Planning ..................................................... 135  
Science ........................................................................................................ 136  
Social Work ................................................................................................ 145  
Specialist Teaching .................................................................................... 146  
Speech and Language Therapy .................................................................. 147  
Sport and Exercise ..................................................................................... 147  
Sport Management ..................................................................................... 149  
Supply Chain Management ....................................................................... 149  
Teaching and Learning ............................................................................. 150  
Teaching English to Speakers of Other Languages Leadership .................. 151  
Veterinary Medicine ................................................................................... 152  
Veterinary Science ....................................................................................... 153  
Veterinary Studies ....................................................................................... 153  
Matriculation Regulations .......................................................................... 63  
Maximum Student Workload ..................................................................... 420  
Meat Technology Diploma in ..................................................................... 384  
Medical Laboratory Science ...................................................................... 230  
Bachelor of ................................................................................................. 230  
Museum Studies .......................................................................................... 291  | O | Occupational Health and Safety  
Graduate Diploma in .................................................................................. 343  
Officers of the University .......................................................................... 4, 13  | P | Pacific Development  
Certificate in ............................................................................................ 397  
Past Officers and Members of the Council .................................................. 53  
Personal Interest ......................................................................................... 65  
Philosophy  
Doctor of .................................................................................................... 79  
Planning  
Postgraduate Certificate in ........................................................................ 319  
Postgraduate Diploma in .......................................................................... 293  
Planning a Programme of Study ................................................................. 417  
Postgraduate Certificates .......................................................................... 309  
Applied Linguistics ..................................................................................... 309  
Arts .............................................................................................................. 309  
Business ..................................................................................................... 311  
Creative Arts ............................................................................................... 312  
Education ................................................................................................... 313  
Educational Administration and Leadership .............................................. 314  
Educational and Developmental Psychology ............................................. 315  
Educational Psychology .............................................................................. 315  
Emergency Management .......................................................................... 315
<table>
<thead>
<tr>
<th>Field</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>International Development</td>
<td>316</td>
</tr>
<tr>
<td>International Security</td>
<td>316</td>
</tr>
<tr>
<td>Māori and Indigenous Business</td>
<td>317</td>
</tr>
<tr>
<td>Nursing</td>
<td>318</td>
</tr>
<tr>
<td>Planning</td>
<td>319</td>
</tr>
<tr>
<td>Science and Technology</td>
<td>319</td>
</tr>
<tr>
<td>Social Work</td>
<td>320</td>
</tr>
<tr>
<td>Specialist Teaching</td>
<td>320</td>
</tr>
<tr>
<td>Speech and Language Therapy</td>
<td>321</td>
</tr>
<tr>
<td>Tertiary Teaching and Learning</td>
<td>321</td>
</tr>
<tr>
<td>Whānau Development</td>
<td>322</td>
</tr>
<tr>
<td>Postgraduate Diplomas</td>
<td></td>
</tr>
<tr>
<td>Accountancy</td>
<td>263</td>
</tr>
<tr>
<td>AgriCommerce</td>
<td>264</td>
</tr>
<tr>
<td>Applied Linguistics</td>
<td>264</td>
</tr>
<tr>
<td>Arts</td>
<td>265</td>
</tr>
<tr>
<td>Aviation</td>
<td>267</td>
</tr>
<tr>
<td>Banking</td>
<td>267</td>
</tr>
<tr>
<td>Business</td>
<td>268</td>
</tr>
<tr>
<td>Cognitive Behaviour Therapy</td>
<td>271</td>
</tr>
<tr>
<td>Communication</td>
<td>272</td>
</tr>
<tr>
<td>Construction</td>
<td>272</td>
</tr>
<tr>
<td>Counselling</td>
<td>273</td>
</tr>
<tr>
<td>Design</td>
<td>274</td>
</tr>
<tr>
<td>Education</td>
<td>275</td>
</tr>
<tr>
<td>Educational Administration and Leadership</td>
<td>277</td>
</tr>
<tr>
<td>Educational and Developmental Psychology</td>
<td>278</td>
</tr>
<tr>
<td>Emergency Management</td>
<td>278</td>
</tr>
<tr>
<td>Engineering</td>
<td>279</td>
</tr>
<tr>
<td>Environmental Management</td>
<td>280</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>281</td>
</tr>
<tr>
<td>Health Science</td>
<td>282</td>
</tr>
<tr>
<td>Health Service Management</td>
<td>283</td>
</tr>
<tr>
<td>Industrial/Organisational Psychology</td>
<td>284</td>
</tr>
<tr>
<td>Information Sciences</td>
<td>284</td>
</tr>
<tr>
<td>International Development</td>
<td>285</td>
</tr>
<tr>
<td>International Security</td>
<td>286</td>
</tr>
<tr>
<td>Journalism</td>
<td>287</td>
</tr>
<tr>
<td>Literacy Education</td>
<td>287</td>
</tr>
<tr>
<td>Logistics and Supply Chain Management</td>
<td>288</td>
</tr>
<tr>
<td>Māori and Indigenous Business</td>
<td>288</td>
</tr>
<tr>
<td>Māori Medium Teaching and Learning</td>
<td>289</td>
</tr>
<tr>
<td>Māori Resource and Environmental Management</td>
<td>290</td>
</tr>
<tr>
<td>Māori Visual Arts</td>
<td>291</td>
</tr>
<tr>
<td>Museum Studies</td>
<td>291</td>
</tr>
<tr>
<td>Nursing</td>
<td>292</td>
</tr>
<tr>
<td>Planning</td>
<td>293</td>
</tr>
<tr>
<td>Psychological Practice</td>
<td>293</td>
</tr>
<tr>
<td>Public Health</td>
<td>294</td>
</tr>
<tr>
<td>Quality Systems</td>
<td>295</td>
</tr>
<tr>
<td>Rehabilitation</td>
<td>295</td>
</tr>
<tr>
<td>Science and Technology</td>
<td>296</td>
</tr>
<tr>
<td>Social Sector Evaluation Research</td>
<td>302</td>
</tr>
<tr>
<td>Social Service Supervision</td>
<td>302</td>
</tr>
<tr>
<td>Postgraduate Diploma in</td>
<td></td>
</tr>
<tr>
<td>School Students, Enrolment of</td>
<td>420</td>
</tr>
<tr>
<td>Science</td>
<td></td>
</tr>
<tr>
<td>Bachelor of</td>
<td>237</td>
</tr>
<tr>
<td>Bachelor of (Honours)</td>
<td>163</td>
</tr>
<tr>
<td>Doctor of</td>
<td>80</td>
</tr>
<tr>
<td>Master of</td>
<td>136</td>
</tr>
<tr>
<td>Science and Technology</td>
<td></td>
</tr>
<tr>
<td>Certificate in</td>
<td>398</td>
</tr>
<tr>
<td>Diploma in</td>
<td>385</td>
</tr>
<tr>
<td>Graduate Certificate in</td>
<td>360</td>
</tr>
<tr>
<td>Graduate Diploma in</td>
<td>346</td>
</tr>
<tr>
<td>Postgraduate Certificate in</td>
<td>319</td>
</tr>
<tr>
<td>Postgraduate Diploma in</td>
<td>296</td>
</tr>
<tr>
<td>Semesters</td>
<td>417</td>
</tr>
<tr>
<td>Social Sector Evaluation Research</td>
<td></td>
</tr>
<tr>
<td>Postgraduate Diploma in</td>
<td>302</td>
</tr>
<tr>
<td>Social Service Supervision</td>
<td></td>
</tr>
<tr>
<td>Postgraduate Diploma in</td>
<td>302</td>
</tr>
<tr>
<td>Social Work</td>
<td></td>
</tr>
<tr>
<td>Bachelor of</td>
<td>248</td>
</tr>
<tr>
<td>Doctor of</td>
<td>81</td>
</tr>
<tr>
<td>Master of</td>
<td>145</td>
</tr>
<tr>
<td>Postgraduate Certificate in</td>
<td>320</td>
</tr>
<tr>
<td>Postgraduate Diploma in</td>
<td>303</td>
</tr>
<tr>
<td>Special Admission Regulations</td>
<td>65</td>
</tr>
<tr>
<td>Specialist Teaching</td>
<td></td>
</tr>
<tr>
<td>Master of</td>
<td>146</td>
</tr>
<tr>
<td>Postgraduate Certificate in</td>
<td>320</td>
</tr>
<tr>
<td>Postgraduate Diploma in</td>
<td>303</td>
</tr>
<tr>
<td>Speech and Language Therapy</td>
<td></td>
</tr>
<tr>
<td>Bachelor of</td>
<td>249</td>
</tr>
<tr>
<td>Master of</td>
<td>147</td>
</tr>
<tr>
<td>Postgraduate Certificate in</td>
<td>321</td>
</tr>
<tr>
<td>Postgraduate Diploma in</td>
<td>304</td>
</tr>
<tr>
<td>Speech and Language Therapy with Honours</td>
<td></td>
</tr>
<tr>
<td>Bachelor of</td>
<td>250</td>
</tr>
<tr>
<td>Master of</td>
<td>147</td>
</tr>
</tbody>
</table>

Precautionary measures for the 2018 academic year.
Postgraduate Diploma in Sport Management ........................................... 305
Sport Management
  Bachelor of .......................................................... 252
  Master of .......................................................... 149
Postgraduate Diploma in ..................................................................... 306
Staff of the University ......................................................................... 13
Student Complaints and Grievance Procedures ................................. 413
Student Contract .................................................................................. 408
Student Discipline ............................................................................... 408
Student Life Services .......................................................................... 48
Sub-degree Certificates ......................................................................... 401
Supply Chain Management
  Master of ..................................................................................... 149

T
Teaching and Learning
  Master of ..................................................................................... 150
Teaching and Learning Kura Kaupapa Māori
  Bachelor of ................................................................................... 259
Teaching (Early Childhood Education)
  Graduate Diploma in ........................................................................ 349
Teaching English as an Additional Language
  Graduate Certificate in ...................................................................... 363
Teaching English to Speakers of Other Languages Leadership
  Master of ......................................................................................... 151
Teaching Māori Medium/ Diploma in Māori Education
  Bachelor of ...................................................................................... 260
Teaching (Primary)
  Graduate Diploma in ........................................................................ 350
Teaching (Secondary)
  Graduate Diploma in ........................................................................ 351
Technology
  Graduate Diploma in ......................................................................... 352
Te Reo Māori
  Postgraduate Diploma in .................................................................. 306
Tertiary Teaching and Learning
  Postgraduate Certificate in ................................................................. 321

U
University Council ................................................................................ 3
University Preparation
  Certificate in ..................................................................................... 403
Upper Intermediate Intensive English
  Certificate in ..................................................................................... 404
Use of Information ................................................................................ 409

V
Veterinary Medicine
  Master of ......................................................................................... 152
Veterinary Science
  Bachelor of ...................................................................................... 253
  Master of ......................................................................................... 153
Postgraduate Diploma in ..................................................................... 306
Veterinary Studies
  Master of ......................................................................................... 153
Veterinary Technology
  Bachelor of ...................................................................................... 255
Vice-Chancellors .................................................................................. 53
Vice-Chancellor's Office ....................................................................... 13
Visual Arts
  Certificate in ..................................................................................... 399
  Diploma in ....................................................................................... 386

W
Welcome Message ................................................................................ 3
Whānau Development
  Postgraduate Certificate in ................................................................. 322
  Postgraduate Diploma in ................................................................. 307
Withdrawal ........................................................................................... 419
Workload .............................................................................................. 420