# 2018 Massey University Calendar

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THE ARMS AND COLOURS OF THE UNIVERSITY
TE TOHU ME NGĀ TAE O TE WHARE WĀNANGA

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:

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<tr>
<td>University blue</td>
<td>midnight 90</td>
</tr>
<tr>
<td>Light blue</td>
<td>forget-me-not 84</td>
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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 whīta 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
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

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

There are 12 permanent sub-committees of Academic Board:

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 St Miss., PhD St 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
Ū ai a Te Kunenga ki Pākehaua ki te āpūi 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, ka poipoi ngātahitia ngā tūmanako me te māramatanga ki te mātauranga ake me ngā kōrero tuku iho, ka aro ki te mana whenua o ia whenua kei a Te Kunenga, ka rapu kaupapa whanaketanga o te Māori, ā, te tino whai wāhi puta noa me te tīkiri i te reo Māori hei reo whai mana o te Whare wānanga, ka poipo ngātahitia ngā tūmanako me te mātauranga ki te mātauranga ake me ngā kōrero tuku iho, ka aro ki te mana whenua o ia whenua kei a Te Kunenga, ka rapu kaupapa.
We are inspired by our name
• A reputation for caring, and a commitment to our people and our places.
• Role-modelling excellent practice as a Tiriti o Waitangi-led institution;
• A heritage of excellence, high quality and integrity, which ensures
motuhake o te iwi Māori, kia toi te reo Māori, kia toi te ora o te tangata, te
i ngā momo mātauranga ki te pae o angitū. He ara putanga tauira, he ara e
personal information for purposes relevant to normal university operations
agencies under contract to the University will have access to students’
Staff members and other personnel within the University or within
will be used in conjunction with a secondary means of identification or
including the New Zealand National Student Index. Information will be stored
be obtained or verified through relevant government or education agencies,
students, or from their nominated agent(s). Additionally, information may
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 wahianga i ngā momo mātauranga ki te pae o angitū. He ara putanga tauria, he ara e hua ai ngā tini kaupapa ki Aoteaora puta noa i te ao whānui. Kia toi te mana motuhake o te iwi Māori, kia toi te reo Māori, kia toi te ora te tangata, 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.

Ö 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
college of agriculture 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.

Ö Nāianei - 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.

**Ō Āpōpō - 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 research-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 PÆO 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.

**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...
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 Aokiauter 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 Manawatū 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 Manawatū 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 byrony 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 in biotechnology was introduced 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 Wairua 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 1965 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.

- **Camuses**
  - Auckland
  - Manawatū
  - Wellington

- **Student Recruitment Advisors**
  - Auckland
  - Tauranga
  - Napier
  - Manawatū
  - 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, 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 major 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, Fate Pasifika and Kainga 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 Monro House (1961), now Craiglockhart, Ferguson Hall, Colombo Hall (1964) and Elliott 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 from levies 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 St. Mary’s, City Court, Egmont Court and Rotary Court. Kairangi 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.)

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 the Centre for Public Health Research, specifically the Centre for Public Health Research, the Sleep-Wake Research Centre, Research Centre for Māori Health and Development, the Financial Education and Research Centre (Fin-Ed Centre), and the Centre for Productive 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 eight-floor, 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 Experimental 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 Turitea 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-steep 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 Wāka O Ngātō Māori Inc (Albany). The Federation maintains close ties to Massey University Māori Students’ Roopu: Manawatū (Palmerston North), and Te Kokiri Ngatangi (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 agriculturalist. 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 cap 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 cap 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 cap 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 robe.

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.

(c) The gown for the degrees of Doctors of Business and Administration, Clinical Psychology, Education, Philosophy and Social Work is as for the Cambridge Master of Arts, but with a facing of cloth ‘post office red’ (BCC No. 209) ten centimetres wide the full length of the front.

(d) The gown for all other Doctors Degrees is as for the Cambridge Master of Arts, but the colour is ‘post office red’ (BCC No. 209).

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 40 mm 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>BCC Name</th>
<th>BCC Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accountancy</td>
<td>Indian Yellow 6</td>
</tr>
<tr>
<td>Advanced Leadership</td>
<td>Indian Yellow 6</td>
</tr>
<tr>
<td>Agriculture</td>
<td>Pea Green 172</td>
</tr>
<tr>
<td>AgriCommerce</td>
<td>Vergnigs 202</td>
</tr>
<tr>
<td>Agricultural Economics</td>
<td>Vergnigs 202</td>
</tr>
<tr>
<td>Agricultural Science</td>
<td>Emerald 213</td>
</tr>
<tr>
<td>AgrScience</td>
<td>Emerald 213</td>
</tr>
<tr>
<td>Analytics</td>
<td>Parma Violet 216</td>
</tr>
<tr>
<td>Applied Economics</td>
<td>Diopsete 203</td>
</tr>
<tr>
<td>Applied Linguistics</td>
<td>Rose Pink 32</td>
</tr>
<tr>
<td>Applied Science</td>
<td>Emerald 213</td>
</tr>
<tr>
<td>Applied Statistics</td>
<td>Parma Violet 216</td>
</tr>
<tr>
<td>Arts</td>
<td>Rose Pink 32</td>
</tr>
<tr>
<td>Aviation</td>
<td>Stonewhite 61</td>
</tr>
<tr>
<td>Aviation Management</td>
<td>Stonewhite 61</td>
</tr>
<tr>
<td>Business Administration</td>
<td>Tangerine 55</td>
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<tr>
<td>Business Information</td>
<td>Indian Yellow 6</td>
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<td>Business Studies</td>
<td>Indian Yellow 6</td>
</tr>
<tr>
<td>Clinical Psychology</td>
<td>Rose Pink 32</td>
</tr>
<tr>
<td>Commercial Music</td>
<td>White 1</td>
</tr>
<tr>
<td>Communication</td>
<td>Indian Yellow 6</td>
</tr>
<tr>
<td>Construction</td>
<td>Claret 36</td>
</tr>
<tr>
<td>Counselling</td>
<td>Medici Crimson 240</td>
</tr>
<tr>
<td>Creative Enterprise</td>
<td>White 1</td>
</tr>
<tr>
<td>Creative Media Production</td>
<td>White 1</td>
</tr>
<tr>
<td>Creative Writing</td>
<td>Rose Pink 32</td>
</tr>
<tr>
<td>Dairy Science and Technology</td>
<td>Claret 36</td>
</tr>
<tr>
<td>Defence Studies</td>
<td>Paisley 180</td>
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<tr>
<td>Design</td>
<td>White 1</td>
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<tr>
<td>Development Administration</td>
<td>Rose Pink 32</td>
</tr>
<tr>
<td>Education</td>
<td>Tuscan Yellow 233</td>
</tr>
<tr>
<td>Educational Administration and Leadership</td>
<td>Gull Grey 81</td>
</tr>
<tr>
<td>Educational Psychology</td>
<td>Tuscan Yellow 233</td>
</tr>
<tr>
<td>Educational Studies</td>
<td>Tuscan Yellow 233</td>
</tr>
<tr>
<td>Emergency Management</td>
<td>Forget-Me-Not Blue 84</td>
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<tr>
<td>Engineering</td>
<td>Claret 36</td>
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<tr>
<td>Engineering Studies</td>
<td>Claret 36</td>
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<tr>
<td>Engineering Technology</td>
<td>Claret 36</td>
</tr>
<tr>
<td>Environmental Management</td>
<td>Taran Green 26</td>
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<td>Ergonomics</td>
<td>Claret 36</td>
</tr>
<tr>
<td>Finance</td>
<td>Indian Yellow 6</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>White 1</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 trenched 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, BAgrSc, 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 Well., MA Well., PhD Well.

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

External Relations
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, DiplS
Director Stakeholder Management
2015 Joanne Lyall, MA Cant., DiplIntMktg 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
2016 Rebecca Lambert, BA Auck., GradDipCom AUT
2013 Genevieve Westcott, BA(Hons) York, MA W. Ontario
Director National Events and Sponsorship
2014 Shelly Deegan, BA Colorado, PGDipTchg
Director Massey Foundation and Alumni
2009 Mitch Murdoch, BA Auck.

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, DiplTchg, GradDipBusStud, PGDipArts

Senior Māori Advisor (Auckland)
2014 Margaret Kawharu, MA, MNZM
Senior Māori Advisor (Manawatū)
2017 Takata Ferris, BDA, BMM, MMM Te Wānanga o Raukawa, BPM Te Whare Wānanga o Awanuiarangi
Senior Māori Advisor (Wellington)
Appointment Pending
Executive Assistant Pasifika
2015 Catherine Haslem
Project Manager Pasifika
2008 Ben Taufua, BA Otago, MA Otago

Assistant Vice-Chancellor Operations, International and University Registrar

Assistant Vice-Chancellor Operations, International and University Registrar
1996 Stuart Morriss, DiplBusStuds, 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 Raich, BCom(Hons) Lincoln, MBA Sunshine Coast
National Facilities Director
2016 Murray Foreman

Executive Director Te Puna Whakatipu
1993 Claire Massey, BA, MBA, PhD
Director Professional and Continuing Education
1993 Andrea M. Flavel, DiplTESL 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

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

**Executive Assistant**  
1997 Coralie Weller

**Manager Remuneration and Reporting**  
2014 Lynn McDougall

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

**Manager Employment Relations**  
2011 Fiona McMorran, DiplIndRel, BA/LLB

## Assistant Vice-Chancellor Research, Academic and Enterprise

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

**Executive Assistant**  
Appointment pending

**Executive Officer Grievances and Complaints**  
2012 Trevor Weir, DipTchg, MA Cant., MEadAdmin, AAMINZ

**Dean Academic**  
1997 Professor Sarah Leberman, BA Camb., MA(Appl) Well., PhD Well., CertACE Vic.(Aust.)

**Dean Research**  
1996 Associate Professor Tracy L. Riley, MEad, PhD Sin Miss.

**Strategic Advisor**  
2003 Mel Barnes, MA Otago

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

**Director Business Development and Commercialisation**  
2008 Mark Cleaver, DipBusStud, BAg

**Director National Centre for Teaching and Learning**  
2005 Duncan O’Hara, BA, PG DipBusAdmin, MMgt

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

**Director Research Operations**  
Appointment pending

**University Librarian**  
1992 Linda Palmer, BA, DiplLibr Well., MMgmt, ALIANZA

**Co-ordinator, Sasakawa Programmes**  
1996 Naomi Collins, BA, PG DipSLT

**Animal Welfare Officer**  
2017 Juliet Cayzer, BVSc DVCS

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

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

**Human Ethics Chairs Committee**  
Chairperson  
1996 Brian Finch, DipSLT, DipTchrg, MA Auck., EdD

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

**Genetic Technology Committee**  
Chairperson  
2006 Laryssa Howe, BSc, PhD Pittsburgh

## Assistant Vice-Chancellor Health Safety & Wellbeing

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

**Manager HR Services**  
2008 Lynette Jolly, BBS, PG DipBusAdmin

**Manager Capability Development**  
2013 Angela Robertson, DipTTchgr, BEd, MEadAdmin, PhD

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

**Director Information and Records Management**  
2008 Cecily Fung, BA(Hons), PG Cert. Man:.Met., MIIM

## Assistant Vice-Chancellor Research, Academic and Enterprise

**Centenary History of New Zealand and the First World War**

**Project Manager**  
1998 Professor Glyn Harper, DipTchrg, MA Cant., PhD NE

**War Studies Coordinator**  
2013 Tessa Lyons, BA

**Senior Historian**  
1987 James Watson, MA, PhD Cant.

**Historian**  
2016 Anna Rogers, MA Cant.

**Massey University Press**

**Publisher**  
2015 Nicola Legat, MA Auck.

**Managing Editor**  
2015 Anna Bowbyes, MA Otago, DipPub Whittrea

**Editorial Administrator**  
2013 Tessa Lyons, BA

**Riddet Institute**

**Director and Distinguished Professor**  
1983 Paul J. Moughan, BAgriSc(Hons), PhD, DSc, FRSNZ, FRSC

**Director and Distinguished Professor**  
1989 Harjinder Singh, MSc Ludhiana, PhD Cork, FRSNZ, FIAFoST, FIFT, FNZIFST

**Deputy Director and Professor**  
2008 Warren McNabb, BAgSc, PhD

**Business Manager**  
1997 John Henley-King, MA Camb.

**Administrative Staff**  
1989 Terri Palmer, DipBusStuds

2009 Ansley Te Hiwi

2017 Hannah Hutchinson, BA Birm.

**Honorary Professors**  
2016 Gang Pei, MA Shengyang, PhD Nth Carolina

2012 Manohar Garg, BSc, MSc, PhD Adel.

2005 R Paul Singh, BS Punjab, MS Wisc., PhD Michigan

**Adjunct Professor**  
2010 Nicole Roy, BScA, MSc, PhD Queb.
Assistant Vice-Chancellor Strategy, Finance, IT and Commercial Operations
2015 Cathy Magiannis, BCA Well., CA

Executive Assistant
2007 Tina Haronga

Advisor
2016 Deb Moran, BCom

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

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

Chief Information Officer - (Acting)
2015 Alistair James, DipSocSc, BA Well., BSc Well., MBA Well.

Assistant Vice-Chancellor Strategy, Finance, IT and Commercial Operations

General Manager Commercial Operations
2005 Denis Jenkins

University Printer
1975 Robert Roberts

Manager Funding and Enterprise Reporting
2013 Bryce Cleland, BScScSci, MScScSci, PhD

Manager Performance and Change
2011 Chris Wood, DipTchg, BA, MBA, ACA

Chief Procurement and Contract Officer (Acting)
2012 Iestyn Burke

Director of Strategic Project Management Office
2015 Blair Schmidt, BCA, CA

Tari o te pouroki o Ōtehā
Campus Registrar Auckland
Appointment pending

Commercial Operations Manager
2003 Rod Grove, BPhEd Otago

Campus Registrar Auckland

Programme Delivery Manager /Office Manager
2009 Jan Chambers, GradDipBusStuds

Administrator
2009 Sharon McDougall

Campus Registrar Manawatū

Campus Registrar
Appointment pending

Campus Registrar Wellington

Wellington Campus

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

Office Manager
2016 Jana Davies, BSc Zagreb

Wellington Campus

Health, Safety and Emergency Management
2014 Jo Fox, GradDipOSH, BSc(Hons) Trent Poly.

Operations Manager
2009 Amy Heise, BSc(Hons) Waik.

Pro Vice-Chancellors and College Staff

College of Creative Arts

Wellington Campus

Pro Vice-Chancellor
1996 Professor Claire Robinson, BDes, BA(Hons), PhD

Associate Pro Vice-Chancellor (Research)
1993 Professor Tony Parker, DipID WP, MDes RCA Lond., MCSD UK, MدينZ

Director of Doctoral Research
2001 Professor Sally J. Morgan, BA(Hons) Sheff.Hallam, MA Warw., KASKA Antwerp

Kaihautū Toi Māori - Director of Māori Arts
2001 Associate Professor Ngataiharuru Taepa, BMVA, MMVA

Director Academic
1996 Associate Professor Rebecca Sinclair, BSc Auck., BArch(Hons), MArch Auck.

Director Postgraduate Studies (Pre-Doctoral)
2016 Professor Tim Brennan, BA(Hons) Humb., LUhDFA UCL., MA Warw., PhD Sund.

Director: Partners and Projects
2009 Anna Brown, BA Well., BFA Cant., MDes

Academic Registrar
2005 Teresa Hartley

College External Relations Account Manager
2016 Heather Crichton, BDes(Hons), BBS, DipBBS

Business Manager
2017 Sarah Hutchings, BBS, BA Well., CA

College of Health

Pro Vice-Chancellor
2015 Professor Jill McCutcheon, BSc, DVM Guelph, PhD, WSU

Associate Dean Higher Degree Research
2000 Professor Marlena Kruger, MSc NWU, PhD S.Af.Med.

Associate Dean Learning and Teaching
Appointment pending

Associate Dean Māori
Appointment pending

Associate Dean Research
1985 Associate Professor Ian S. Laird, DipHEd, MSc Lond., PhD, MRSH
OFFICERS AND STAFF OF THE UNIVERSITY

College of Humanities and Social Sciences

Pro Vice-Chancellor
1979 Distinguished Professor Paul Spoonley, DipEd Auck., BA Well., PGDipArts Otago, MA Otgo, MSc Brst., PhD

Executive Assistant to the Pro Vice-Chancellor
1996 Karen O’Hagan, BBS

Deputy Pro Vice-Chancellor
2015 Professor Chris Gallavin, LLB(Hons) Cant., PhD Hull

Business Manager
1985 Heather Tootell, CA

Director Academic Programmes
1996 Jenny Coleman, BA(Hons), PhD Cant.

Director Teaching and Learning
1989 Associate Professor Lisa E. Emerson, MA, PhD

Regional Director (Auckland)
1979 Professor Peter J Lineham, BD Otgo, MA Cant. DPhil Sus.

Regional Director (Wellington)
2016 Germana Nicklin, PGDipSS Well., PhD Well.

Research Director
1983 Professor Cynthia J. White, DipTESL Well., BA(Hons) Well., PhD

Director Bachelor of Arts (Programme)
2006 Margaret Forster, BSc, GradDipMāoriDev, MSc, PhD

Director Bachelor of Arts (External Connections)
1998 Professor Richard Shaw, BSW, MA, PhD

International Advisor
2015 Dhoanna Lambert, BCom

College of Sciences

Pro Vice-Chancellor
2015 Professor Raymond Geor, BVSc, MVSs Sask., PhD Ohio State, Diplomate ACVIM, AVCSMR, ACV(N)H

Deputy Pro Vice-Chancellor - Academic
1996 Professor Simon B. Hall, MSc, PhD Auck., CChem, FRSC, FNZIC, MRSNZ, Mfnzd

Deputy Pro Vice-Chancellor - Research
2004 Distinguished Professor Gaven Martin, BSc(Hons), MSc, PhD Mick., FRSNZ, FAMS, FNZMS

Director Teaching and Learning
2001 Elizabeth J. Norman, BVSc(Hons) Syd., MV M Glas., EdD, MRCVS, MANZCVS

Manager Professional Services
2015 Raewyn Eastwood, BPhEd, DipTchg, MBA

Manager Projects and Business
1980 Heather A. Murphy, BSc

Manager Risk and Teaching Laboratory
2007 Brian Best, PGDipOSH

Programme Directors
AgriCommerce
1987 Iona A. McCarthy, BAgrSc, DipBusAdmin, MBS, SPINZ
AgriScience
1988 James P. Millner, MAgrSc, PhD

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 Otgo, MBA S.Qld.

Deputy Pro Vice-Chancellor
2017 Associate Professor Joanna (Jo) M. Cullinan, Cert Osf., BMS(Hons) Wiak., MMS Wiak., MSc Glarn., PhD Wiak.

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
Executive Education Advisor
2014 Mike Fiszer, GSDip Edin., BSc Edin., MBA Warw., FRSA, MCIM, MCMII

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 Survey, 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 Otgo

International Administrator
2009 Jean Lim, BBA NUS., MBA

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

Technical Staff
2013 Oliver Blair, BDes
2013 Hannah Clement, BDes(Hons)
2013 Brent Davenport
2013 Craig Hobern, BDes
2013 Ken Howe, BA(Hons) De Mont.
2012 Jason Mitchell, BDes(Hons)
2005 Wendy Neale, DipVCD CPIT, MDes
2009 Durgesh Patel, BDes
2007 Lee Whiterod, DipVCD CPIT, MDes

School Manager
2007 Heike Ulrich, BBS HWR Berlin, MBA

School of Music and Creative Media Production
Wellington Campus
Head of School and Associate Professor
2012 Andre Ktori, BA Wales, MA Westminster

College of Health

Centre for Ergonomics and Occupational Safety and Health
Director and Professor
1995 Stephen J. Legg, BSc(Hons), PhD, F ErgS, CNZ Erg

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

Manawatu Campus

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

Wellington Campus

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 Otaro

Lecturers
2015 Neil Aldridge, BA(Hons), Midd.
2016 Tristan Bunn, BTech 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) Abartay, MR Wales, PhD York(UK)
2016 Justin Rotolo, BFA SV/4

Technical Staff
2015 James Coyle, BArch Well.
2016 Virginia Ghiglione, DipCin CFP del SICA
2015 Ryan Prebble, DipAE IT
2017 Tarrant Shepherd, EdA Bath-Spa UC
2016 Lars Vandre, MSc (equiv.) 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.
2001 Kevin C. Pedley, BSc(Hons), PhD Sus.

Senior Lecturers
1997 Mary Breheny, MA, PhD
2004 Wei-Hang Chua, DipSc, BSc, PhD
1994 Gretchen A. Good, BA Mich.State, MA Bost Col., PhD, COMS, CVRT
1992 Chris J. Kendrick, DipSc, 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 Plimmer, BSc
2008 Louise Shaw, NZCS, GradDipSc

Wellington Campus

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

Senior Lecturers
2015 Collette Bromhead, BSc, PhD Wellington
2012 Nicholas Kim, BSc(Hons), PhD Cant.
2011 Geoff Kira, DipExSc UCot, BSc(Hons) E. Cowan, PhD AUT
2008 Anna Matheson, BA(Hons) Wellington, PhD Otago
1997 Stuart J. McLaren, MSc, DipACP RSH, DipPHI RSH, PhD
2012 Barry Palmer BSc(Hons), PhD Otago
2016 Christina Severinsen, MSc Otago, PhD Otago
2012 Roy Hoerara, MA

Associate Professor
2019 Jenny Green, MPhil, RN

Honorary Research Fellows
2012 Mark Henderwood, BN
2013 Craig Waterworth, PGCertTertTchg, MSc
2014 Fiona Martin, BN, RN

Lecturer
2014 Eva Neely, BHLhsSc, 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

Online Teaching Consultant
2017 Gaelyn Douglas, MEd

Technical Staff
1985 Stan E. Abbott, DipMedMicro, DipHistopath, MSc

Research Fellows
2012 Roy Hoerara, MA
2012 Trevor Clark
2017 Alishia Mansell

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

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

Wellington Campus
Professor
1989 Annette Huntington, MNZM, PhD, BN Wellington, RN

Associate Professor
2013 Sione Vaka, BHSc AUT, PGCertTchg, PGDipHSc Auckland, MN Auckland, PhD
2016 Monina Hernandez, BSN Philippines, PGCertTT, PGDipHSc Auckland, MN Auckland, RN, RM, CNS

Professional Clinicians
2014 Jenny Green, MPhil, RN

Honorary Research Fellows
2012 Mary Lynch, MS, MPH, PNP-BC, FAAN, RN
2006 Catherine Turner, DipTeh, BA Qld., MN Flinders, PhD Qld., RN

Centre for Public Health Research
Director and Professor
2003 Jeroen Douwes, PhD Wageningen

Associate Director and Professor
2008 Barry Borman, PhD Otago

Wellington Campus
Professor
1989 Annette Huntington, MNZM, PhD, BN Wellington, RN

Associate Professor
2019 Jenny Carryer, MNZM, DipCouns, DipSocSci, BA, PhD, RN

Senior Lecturers
2006 Stacey Wilson, MPhil, PhD, MNZCMHN, RN

School of Nursing
Associate Professor
2017 Karen Hoare, MSc, PhD, NP, RN

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

Lecturers
2014 Bernie Kushner, BScN Br.Col., MPhil, MCNA (NZ)

Wellington Campus
Professor
1989 Annette Huntington, MNZM, PhD, BN Wellington, RN

Associate Professor
2019 Jenny Carryer, MNZM, DipCouns, DipSocSci, BA, PhD, RN

Senior Lecturers
2006 Stacey Wilson, MPhil, PhD, MNZCMHN, RN

School of Nursing
Associate Professor
2017 Karen Hoare, MSc, PhD, NP, RN

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

Lecturers
2014 Bernie Kushner, BScN Br.Col., MPhil, MCNA (NZ)
Wellington Campus

**Professional Research Fellows**
2009 William Glass, ONZM, FFOM
2003 Andrea t’Mannetje, PhD *Utrecht*
2010 John Potter, MBBS, PhD *Qld.*
2011 Deborah Read, DComH, MBChB *Otago*, FAFPHM

**Senior Research Fellows**
2000 Lis Ellison-Loschmann, MA, PhD
2000 Dave McLean, PhD

**Public Health Registrar**
Appointment pending

**Research Fellows**
2017 Rosemary Mwipiko, BSc
2015 Christoph Hackenberg, BA
2006 Collin Brooks, BSc(Hons) *Leeds*, PhD
2010 Teuvirihei (Helene) Marsters, MSc
2010 Angela Thurston, RCompN
2010 Samuel Keer, BSc
2011 Ruth Hinz, PGDipPH, RN

**Research Nurses**
2001 Elizabeth Harding, RGON
2002 Sunia Foliaki, MBBS, MPH, PhD
2002 Taisia Huckle, MA, PhD
2002 Dave McLean, PhD
2000 Lis Ellison-Loschmann, MA, PhD

**Research Assistants**
2003 Margo van den Berg, BA
2005 Diane Muller, BOT
2016 Clare Ladyman, BSc

**Information Manager**
2006 Hilary Nuttall

**Analysts**
2015 Hajar Ali, BMSc(Hons) *Well.*
2014 Prachee Gokhale, MSc *Rom.*
2003 Michelle Gray, BA *Well.*, PGDipPH

**Biostatisticians**
2000 Soo Cheng, BSc(Hons), GDipInfSc
2014 Marine Corbin, MSc *Essai*, PhD
2010 Mathangi Shanthakumar, MSc *Auck.*

**Business Manager**
2006 Hilary Nuttall

**Administrator**
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
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 Jeffery Adams, MA *Well.*, PhD *Auck.*
2002 Lanuola Asiasiga, MA *Well.*, 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.*
2014 Karl Parker, BSc *Auck.*, MSc *Auck.*, PGDipSci *Auck.*
2011 Stephen Randerson, BA *Auck.*, MSc *Cant.*
2016 Jose Romeo, PhD *Sao Paulo*
2017 Marta Rychert, BA *Lódz.*, LLM *Warsaw*
2008 Martin Wall, BA *Exes*, MSc *Lond.*, PhD *Lond.*
2002 Chris Wilkins, MMS *Waik.*, PhD *Waik.*

**Whāriki Research Staff**
2015 Trina Baggett
2003 Philippa Gander, PhD
2002 Dave McLean, PhD
2002 Lis Ellison-Loschmann, MA, PhD

**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, PGDipAv, MMgt

**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, BHlthSci(Hons), MClinPsych, PhD
2013 Jennifer Zaslona, BSc(Hons) *UK*, PhD *Well.*

**Junior Research Fellow and Doctoral Candidate**
2003 Margo van den Berg, BA *Well.*, PGCertSc, PGCertMedTech *Otago*

**Doctoral Candidates**
2016 Claire Ladyman, BSc *EDU*, PGDip UWA
2005 Diane Muller, BOT *Otago*, MPH *Well.*
2014 Cameron Dyer, BAv, PGDipAv, MMgt

**Business Manager**
2015 Kathryn Teal

**Administrator**
2016 Tracey Alexander, BBS

MASSEY UNIVERSITY 2018 CALENDAR
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 Laren Cooper, BA, DipSocSc, MBA, RSW

Auckland Campus

Associate Professors
2014 Ksenija Napan, BSW Zagreb, MSc Zagreb, PhD, RSW

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

Lecturers
2011 Moses Faleolo, DipSw, CertTerTch Manukau, MSW, PhD, RSW
2017 Hagyun Kim, MSW(Applied), PGDipHlthSci AUT, PhD AUT, RSW

Professional Clinician
2011 Lynsey Ellis, BA(Hons) Lond., MA Middls., RSW

Honorary Research Associate
Rajen Prasad, PhD

Manawatū Campus

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

Senior Lecturers
2011 Michael Dale, BA, MSW, PhD, RSW
2007 Matthew Barnes, BSc(Hons), PhD
2006 Toby Munday, BSc(Hons), PhD Birm.
2014 Ashley Jane Thompson, BInfSc(Hons), PGDipBusAdmin, PhD

Lecturers
2010 Ashima English, BA, PGDipSCW, MA Otago, PhD Otago, RSW
2011 Hannah Mooney, BSW, MSW, RSW

Senior Professional Clinician
2003 Helen Simmons, BSW, PGDipSocServSup, MPhil, RSW

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

Honorary Research Associates
2015 MaryAnn Baskerville, BA Illinois, MSW CU, MBA
2009 Bruce Maden, MA Well., RSW
2013 Mary Nash, DipSocAdmin Edin., DiplomaWk Edin., BA(Hons) Keele, MSW(Hons), PhD
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, CertSocCommWk, 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.Afr.), NZRD, RD (S.Afr.)

Auckland Campus

Associate Professor
2002 Carol A. Wham, DipEd, BHSc, MSc Otago, PhD Adel., NZRD, MNZIFST

Senior Lecturers
2003 Ajmol Ali, BSc(Hons), MSc, PhD Lough.
2003 Kathryn Beck, BPhEd, BSc, PGDipDietetics Otago, MSc, PhD, NZRD

Lecturers
2017 Claire Badenhorst, BSc(Hons), PhD W.Aust.
2014 Marilize Richter, BSc, MSc NWU (S.Afr.)
2013 Warrick Wood, BScP Cant., MPE ISU

Senior Tutors
2013 Deirdre Johnston, DipHSc, NZRD
2001 Elizabeth Stewart, DipHSc

Tutor
2014 Miriam Mullard, BSc(Hons), MSc Kings NZRD

Technical Staff
2013 Owen Magridge, BSc(Hons), MSc Wales
2011 PC Tong, BSc(Hons) Leeds, MSc Auck.

Manawatū Campus

Professors
1994 Andrew J. Martin, BSc(Hons) Brist., PGCE, MSc Lough., PhD

Senior Lecturers
2007 Matthew Barnes, BSc(Hons), PhD
2000 Philip W. Fink, MSc, PhD Purdue
2011 Sarah Gee, MSc Lakehead, PhD Otago

Lecturers
2010 Awsha English, BA, PGDipSCW, MA Otago, PhD Otago, RSW
2011 Hannah Mooney, BSW, MSW, RSW

Senior Professional Clinician
2003 Helen Simmons, BSW, PGDipSocServSup, MPhil, RSW

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

Honorary Research Associates
2015 MaryAnn Baskerville, BA Illinois, MSW CU, MBA
2009 Bruce Maden, MA Well., RSW
2013 Mary Nash, DipSocAdmin Edin., DiplomaWk Edin., BA(Hons) Keele, MSW(Hons), PhD
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, CertSocCommWk, 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.Afr.), NZRD, RD (S.Afr.)
College of Humanities and Social Sciences

Centre for Defence and Security Studies

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 Hoverd, BCA Well., MA Well., PhD Well.
2017 Mare Lanteigne, MA, PhD MU
2011 Negan Partow, MA LAUT, MA Well., PhD 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, 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, PGDiplInDev, MIntDev
2014 Nicola Macaulay, BA Well., MIntSy

Honorary Teaching Associates
2016 John Batterby, BA(Hons), PhD
2011 Rachel Butler, BSc(Hons) Litv., PGDip Plom., MPhil
2016 Deidre 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, BSoSc Waik., MEd Auck.
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 Graham Collins, BA Well., MEdAdmin, PhD
2015 Robert Ferreira, HDipEd, BEd
2016 Mary Holder, BEd(Tchg)...

Honorary Teaching/Research Fellows
2015 Sandy Anderson, BEd, EdD
2016 David Bovey, BA, DipTchg
2016 Amy Westergaard, BBS, GradDipTchg

Centre for Equity Through Education
Director
Appointment pending

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

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Coordinating Director
2015 Maree Brannigan, BEd, DipTchg, PGCertMgt

Manawatū Campus
2012 Keri Cheetham, BEd(Tchg)
2016 Ken Kilpin, BSoSci Wsik., MEd, GradDipTchg(Sec)
2016 Tama Kirikiri, BA(Hons) Well., QTS E.Lond., PGDipTchg
2011 Diane Leggett, TTC, AdvDipTchg, BMus, MEd
1993 Barry Potter, EdD, TTC, MEdAdmin
2015 Sally Roberts, BEd, DipTchg
2017 Fa’asalula Tagoeilelagi-Leota, BA Auck., MA Auck.

Ruawharo Centre, Napier
1993 Barry Potter, EdD, 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

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

Senior Lecturers
2016 David R. Gruber, MPW USC., PhD NCSState
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 Lockhead, MA Auck., PhD
2015 Jane Marshall, BA(Hons) Cant.

Ma rubatu 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 Oxst.

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

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

Tutors
2015 Rand T. Hazou, MPrel, MA Auckland.
2014 Joel Flescher, MPW, MA Auckland.
2007 Tracey Hepi, BEd, GradDipArts
1995 Angie Farrow, TCert, MEd, PhD Exe.
2005 Thom Conroy, MA

Lecturers
2015 Robin Flescher, MPhil, MA, PhD.
1997 Joe A. Grixii, MA Oxf., PhD Brist.
2004 Bryan J. Walpert, MFA Maryland, PhD Denver

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

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

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

Tutors
2017 Johanna S. Emeney, MA Cambridge, PhD
2015 Anne Lockhead, MA Auckland., PhD

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 Wellington., PhD Duke
2007 Kim Worthington, BA(Hons), DPhil Oxford.

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

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

Tutors
2015 Rand T. Hazou, MPrel, MA Auckland.
2014 Joel Flescher, MPW, MA Auckland.
2007 Tracey Hepi, BEd, GradDipArts
1995 Angie Farrow, TCert, MEd, PhD Exe.
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-tūhi, PhD
1996 Spencer Lilley, MAuckland., DiplLibr Well., PhD, FLIANZA
1991 Te Rina Warren, BA, MAuckland., DipTePīnakitanga ki te Reo Kairangi

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. NZPI
1996 Kathryn Rountree, MAuckland., DPhil Waik.
1995 Regina A. Sceheyvens, BA(Hons), PhD
1992 Richard Shaw, MA, PhD

Associate Professors
1990 Christine Cheyne, MA, PhD
1993 L. Grant Duncan, MA, PhD Auck.
2003 Beth Greener, MAuckland., 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, BScSc 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, BA, MA, PhD Auck.
1991 Mary E. Murray, BA(Hons) Warw., PhD Glas.
2004 Nigel Parsons, BA(Hons) Keele, MA, PhD Manc.
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

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 Aisling Gallagher, BA Eire, MLitt Eire, PhD Brist.
2014 Peter J. Howland, BA(Hons) Well., MCW, PhD Cant.
2015 Gillian James, LLM Well.
2013 Sharon McLeannan, 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 Lita Meo-Sewabu, PhD

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

Auckland Campus

Kaumātua
2011 Neph Slipwith, Te Arawa, Taiwhenua, Ngapuhi, Ngāti Whata, Ngāti Kahungunu, Kaitahu Waitaha

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

Professor of Social and Health Psychology
1979 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, MNZCCP

Senior Lecturers
2009 Siautu Alefaio-Tugia, MAuckland., 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, MScSc Natal, PhD, RegClinPsych, MNZCCPsyche
1999 Mei Wah Williams, DipTchg, MAuckland., DipClinPsych, PhD, RegClinPsych, MNZPsS, MICP

Senior Professional Clinicians
2015 Benita Stiles-Smith, MSN, MS, PhD Cult., ClinicPsych, RegClinPsych, MNZPsS
2008 Robyn C. Vertongen, PGDipCBT, MAuckland., PGDipClinPsych, RegClinPsych, MNZPsS

Lecturers
2011 Peter Cannon, BSc(Hons), PhD Bangor
OFFICERS AND STAFF OF THE UNIVERSITY

2008 Natasha A. Tassell-Matamua, MA, PhD, Te Ātiawa, Ngāti Makea kei Rarotonga
2003 Joanne E. Taylor, MA, PhD, DipClinPsych, RegClinPsych, MNZCCP

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

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

Senior Tutors
1993 Gustav M. Haberman, MSc, MEd, DrUniv E.L.T.E, CSci Acad.Sct.
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 Wk., 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 Wk., RegClinPsych, MNZPsS

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

Clinical Psychologists
2015 Jacinda Shailer, BA, BSc(Hons), PGDipSc, DClinPsych

Haumaru Tautoko Hauora
2012 Hukareere Valentine, BA(Hons), DClinPsych, RegClinPsych, MNZPsS, Ngāti Kahungunu, Te Ati Awa, Ngāti Tuwharetoa, Ngāti Awa, Tuhoe, Nga Puhi, Ngāi 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, MClPych Adel., RegClinPsych
Jodi Field, BA(Hons), DClinPsych, RegClinPsych
Ann Flinkoft, 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, Au., RegClinPsych
Joseph Melsen, 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 Yamaguchi, 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) Au., PGDipSc, DClinPsych, RegClinPsych
Stewart Forsyth, MA, PGDipClinPsych Au., RegPsych
Sandra Fowler, BA, MA, DipClinPsych Cant., RegClinPsych
Kevin Garner, MA Well., RegClinPsych
Mark Lombard, BA(Hons) RAU, MA, PhD P. Elizabeth, RegClinPsych
Francois Meyer, BA(Hons), MA Pret., RegPsych
Mark Rainier, BA(Hons) P. Elizabeth, HDE, MA, Med Rhodes, RegPsych
Chris Ratcliffe, MedPsych, PGDipEdPsych, RegEdPsych
Sean Sullivan, DipSocSci, MA, PhD Au., RegPsych
Elizabeth Waddington, BA Griffith, PGDipProfPsych Bond, BBehSci, PGDipCrin, RegPsych
John Watson, MA, DipClinPsych, RegClinPsych
Julie Williams, BA, MA, PGDipClinPsych, RegClinPsych
Kirsty Williams, MSoSc, 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 Huang 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. Leatham, MA, PhD Well., RegClinPsych, MNZPsS, MICP, MNZCCPsych

Professor of Psychology
2002 Antonia C. Lyons, BA(Hons), PhD

Associate Professor
1983 Keith F. Tuffin, DipSocSc, 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, Ngāti Tahu

Senior 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, MInstID

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 Au., PhD, Ngāi Tahu, Te Aitāwa, 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

Lecturers
2011 Denise Blake, DipCouns UCOL, MA, PhD

Postdoctoral Fellow
2016 Abi Beaton, 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 Educ., 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, PhD Calif., RegClinPsych, MNZPsS

Clinical Field Supervisors
Aleisha Atkin, BPsychSc, DPsych (Clinical) UoQ, RegClinPsych
Robyn Alexander, MA Wel., RegClinPsych
Giselle Bahr, DipClinPsych Wel., RegClinPsych, MNZCCPsych
Clive Banks, MA, PGDipClinPsych, RegClinPsych, MNZCCPsych
Astrid Katzur, DipPsych Berlin, RegClinPsych, MNZCCPsych, MNZPsS
Ron Kinsey, MSc, DipClinPsych Au., RegClinPsych, MNZPsS
Kerstin Kramar, BSc(Hons) Wel., RegClinPsych, MNZCCPsych
Jenny Maley, PGDipClinPsych Wel., 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
1983 Mike J. Hedley, BSc(Hons), PhD

Professor in Environmental Management
1997 Ian J. Yule, MSc, PhD

Professor of Fluvial Geomorphology
2013 Alastair W. Robertson, BSc(Hons) Otago, PhD Cant.

Professor of Precision Agriculture
1997 Alan S. Palmer, BSc(Hons), PhD

Professor of Soil Science
1993 Michael J. Hedley, BSc(Hons) Leeds, PhD

Professor of Zoology
1991 Murray A. Potter, MSc Auck., PhD

Professor in Agronomy
1984 Cory Matthew, BSc(Hons), PhD

Professor in Conservation Biology
1993 Doug P. Armstrong, MSc UBC, PhD Syd.

Professor in Entomology
1983 Mike J. Hedley, BSc(Hons), PhD

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1997 Ian J. Yule, MSc, PhD

Professor of Fluvial Geomorphology
2013 Alastair W. Robertson, BSc(Hons) Otago, PhD Cant.

Professor of Precision Agriculture
1997 Alan S. Palmer, BSc(Hons), PhD

Professor of Soil Science
1993 Michael J. Hedley, BSc(Hons) Leeds, PhD

Professor of Zoology
1991 Murray A. Potter, MSc Auck., PhD
New Zealand Centre for Biochar Research

Co-Director
2009 Marta Camps, BAgEng(Hons) PoliticD&G., MSc, PhD UC Davis

New Zealand Centre for Life Cycle Management

Director
2010 Sarah McLaren, MSc, PhD Surrey

New Zealand Centre for Precision Agriculture

Director
1997 Ian J. Yule, MSc, PhD N’c’le (UK), CEng (UK)

School of Engineering and Advanced Technology

Head of School and Professor
2006 Jane E. Goodyer, BEng(Hons), PhD Coventry, CEng (UK), FIET, FIPENZ

Auckland Campus

Associate Head of School and Professor
1999 Serge Demidenko, ME, PhD Belaros, FIEEE, FIET, CEng (UK)

Professor
1991 Robyn A. Phipps, BSc Well., BAgrS(Hons) Well., PhD, MCASNZ, MElAQ, MNIQZ, MIRHC, FRICS

Associate Professor
2002 Johan Potgieter, MSc, PhD UND

Senior Lecturers

2005 Fakhrel Alam, BSc B’desk, MSc VA, PhD V4
2010 Naseem A. N. Ameer Ali, BSc(Hons) Reading, MSc UCL, MSc KCL, PhD, CDipAF, Cert Adj (KLRCIA), FCIArb, Chartered QS (UK), Chartered Builder (UK), Reg QS (M’sia), Accredited Mediator (CIDB, M’sia), Panel Adjudicator (KLRCIA), PPRISM, FRISM, FCIIOB, FCIArb, MNZIQS, MRICS, ICECA, MAPM, AQAS (Affil)
2012 Khalid Arif, BSc UET, ME Tokyo, PhD Purdue
2017 Greg Chawynski, B Tech, ME, PhD Swin., FIAB, NNZIOB, MNZIM, MAIIBS, MIE, MAIPM, MWOBO
2004 S. M. Rezaul Hasan, BSEE Vn, BSc(UK), FIEEE, FIET, CEng (UK)
2008 Sanjay Mathrani, BTech(Hons) Kanpur., MSMgmt, PhD, PGDCM Pune, MIPENZ, CPEng
2005 Jasper Mbachu, MSc Jos, PhD P. Elizabeth, MBA, MCIIOB, MNZIOB, MElAQ, MAIIBS, MIE, MAIPM, MWOBO
2017 Nilanie Mithraratne, BSc S.Lanka, MA UK, DipArch UK, PhD Auck.
2015 Kenneth S. Park, BSc, MSc Yongsei, PhD Reading, PGCPP, Aston, FHEA, MCIIOB, MRICS, PMP (US), CCM (UK), KCCM (S. Korea)
1999 Rashid Mohammad, MSc Wroclaw, PhD Strath.
1995 Aruna Shekar, MA Madr., PhD, CIPENZ, PDMA
2015 Xiaowen Yuan, BE(Hons) China, PhD Auck.

Lecturers

2012 Mikael Boulic, BSc France, MEnvMgt France, MEnvEng France, PhD
2013 Moi Tin Chew, BSc(Hons) East London, MSc CityU, MIET, SMIEEE, CEng
2015 Steven Dirven, BE(Hons), PhD Auck.
2011 Niluka D. Domingo, BSc(Hons) Moratuwa, PhD Lough.
2015 Andrew R. Drain, BE(Hons)
2011 Temitope K. Egbelakin, BSc(Hons) O’Awolowo, MEnvDes Lagos, MSc NUS, PhD Auck., MPMINZ, MCIIOB, MNZIOB
2016 Mathew Legg, BSc, PGDipSci, MSc, PhD Auck.
2010 Susan M. Mander, BE(Hons) Auck., ME, CertilluminEng AUT, MIES, MIESNA
2011 Frazer K. Noble, ME, PhD
2015 Eziaku O Rasheed, BSc(Hons) Nig., MSc M’sia, PhD Auck.
2016 Wajiha Shahzad, BE, MSc
2016 Spring Zhou, BSc JXUFE, MSc HUST, PhD Auck.

Senior Tutors

2007 Chris Chitty, NZCS

Senior Research Officers

2013 Lucy Burkitt, BAgSc(Hons) La Trobe, PhD La Trobe
2011 A. Liz Dooley, BAgSc(Hons), MAppSc, PhD

Research Officers

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2017 Gillian Gibb, BSc, PhD
2014 Jeya Jeyakumar, BSc(Hons), MPhil, PhD
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2012 Rajasheker Pullanagari, BSc, MSc, PhD
2005 Xiong Zhao He, MAppSc, PhD

Tutors

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Massey Institute of Food Science and Technology  
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1989 Harjinder Singh, MSc Ludhiana, PhD Cork, FRSNZ, FIAFoST, FIFT, FNZIFST  
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2009 Julian Heyes, BSc(Hons) Well., DPhil Ox.  
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Team Leader Food Process and Engineering  
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2015 Kenneth Teh, BAppSci AUT, M Tech, PhD  

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2017 Anant Dave, PhD  
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2002 Thomasin A. Lynch, SecTchgCert Texas, BSc(Hons) New Mexico, MSc, PhD
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Manawatū Campus

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2004 Paul G. Plieger, BSc(Hons), PhD Otago, FNZIC, MRSC, MRSNZ
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2016 Oiwodu Ehoche
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2015 Simon Murphy
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2015 Olin Silander, BA(Hons) Northwestern, PhD UC San Diego
2014 Kristin M. Stock, BSc Nucl, PhD Auck.
2003 Mark Smith, BSc Auck., PhD Auck.
2003 Fareeda Barzak, BSc(Hons) UC, PhD Auck.

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2015 Thomas Fallon, PhD
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2015 Alexander (Sasha) Melnikov, PhD
2009 Mat Pawley, BSc, MSc, PhD Auck.
2011 Daniel Playne, BSc(Hons), PhD
2012 Sebastian Schmeier, BSc, MSc FU Berlin, PhD W.Cape
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Tutors
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2015  Sam Tuttle, MSc
2004  Heung Yeung (Frederick) Lam, MInfSc, PhD

Honorary Research Fellow
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1999  Nicolas Lopez-Villalobos, BAgrSc, MAgrSc, PhD
2001  Craig B. Johnson, DipECV A, BVSc
2001  Cord Heuer, MSc, PhD Utrecht, DVM Hanover
2001  Craig B. Johnson, DipECVA, BVSc Liv., PhD Cant., DVA, MRCA, MRCVS
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1999  Nicolas Lopez-Villalobos, BAgSc, MAgSc, PhD
1988  David J. Mellor, ONZM, BSc(Hons) NE, PhD Edin., HonAssocRCVS Lond.

Tutors
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1999  Nicolas Lopez-Villalobos, BAgSc, MAgSc, PhD
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2005 Kevin Lawrence, DipBovineRepro Liv., BVetMed Lond., MRCVS
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2008 Matthew R.F. Perrott, BVSc, PhD
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2008 Nicola M. Schreurs, BApplSc(Hons), PhD
1999 Ian Scott, BVMS Glas., PhD Glas.
2006 Stefan Smith, BVSc
2008 Hayley E. Square, BAppSc Qld., AVN, MEd
2016 Supastak (Art) Subharat, DVM, MSc, PhD
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2015 Neroli A. Thomson, BVSc, PhD
2010 Timothy J. Wester, BS, MD, PhD Nebraska
2014 Janelle Wierenga, BSc, MPH, DVM, DipACVECC

Lecturers
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2014 Lydia Cranston, BSc, MSc, PhD
2015 Kate Griffiths, BVSc
2015 Hayley Hunt, BVSc, MVS
2007 Linda J. Laven, BVSc(Hons) Lond., PhD
2016 Robert Sawicki, BVSc, MVS
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2008 Rachael B. Stratton, BVSc
2015 Neroli A. Thomson, BVSc, PhD
2010 Timothy J. Wester, BS, MD, PhD Nebraska
2014 Janelle Wierenga, BSc, MPH, DVM, DipACVECC

Senior Practising Veterinarians
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2016 Paola Giordano, DVM
2013 Ronald W. Green, BSc, MSc, DVM
2011 Kevanne McGlade, BA, BVSc
2016 Ellen Marcinkiewicz, BSc, BVSc
2014 Kristina Mueller, DVM, DipECBH
2014 Thomas Odom, BSc, DVM
2014 Nicola Smith, BAppSc, BVSc, MANCVSC
2003 Alan Thatcher, BVSc
2015 Susan Tomlin, BSc, BVSc(Hons)

Practicing Veterinarians
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2013 Cristin Dwyer, BSc, BVSc
2016 Danielle Gifford, BHSce, BVSc
2011 Helen Orbell, BSc(Hons), BVSc, DipACVS
2012 Paul F. Wightman, BVSc, FANZCVS

Senior Tutor
1987 Nicola Moffatt, DipDiagRad DCR Lond.

Interns
2017 Suzanne Busser, DVM, MVM
2017 Shawn Chandrakumar, BVSc
2017 Mackenna Dent, BVSc
2017 Linda Kungiesingh, DVM, MVS

Residents
2017 Aly Mirza, BVSc
2017 Harvey Saunders, BVSc
2017 Soscha Ten Cate, BSc, DVM
2017 Zoe Winner, BVSc

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 Mcllraith (Veterinary Surgery)
Ana Meikle (Reproduction)

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 Pleasants (Genetics & Breeding)
Craig Ruaux (Small Animal Internal Medicine)
Ian Sutherland (Immunology and Parasitology)

Adjunct Senior Lecturers
Els Acce (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)

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)  
Finley Koolhoven (Veterinary Medicine)  
Ray Lenaghan (Equine Studies)  
Katie McKinlay (Veterinary Medicine)  
Petra Muellner (Epidemiology)  
Geoff Orbell (Pathology)  
Nicola 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, Fellow AM, 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 Gartrell, BVSc(Hons) Syd., PhD Tax., MACVSc  

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

Agricultural Research Technician  
2011 Fiona Brown, BAppiSc  

No 1 Dairy Farm Herd Manager  
2013 Jolanda Amoore  

No 4 Dairy Farm Manager  
2014 Hamish Dooohan, BAppiSc  

No 4 Dairy Farm Herd Manager  
2017 Joshua Mitchell  

Tuapaka Farm Manager  
2003 Phil Brooks  

Tuapaka Stock Manager  
2006 John Brophy  

Riverside Farm (Wairarapa) Manager  
2015 Tyla Petera  

Sheep and Beef Cattle Deer Research Unit (Keeble/Haurongo) Farm  
Manager  
2003 Phil Brooks  

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

Distinguished Professors  
2004 Gaven Martin, BSc(Hons), MSc, PhD Michigan, FRSNZ,  
FAMS, FNZMS  

2007 Paul Rainey, BSc, MSc, MA Oxon, PhD Cant., FRSNZ, Member – Max  
Planck Society  

Professors  
2011 Marti Anderson, BA Occidental, GradDipSci(Hons) Syd., MA Syd.,  
PhD Syd.  
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 Philipp Remigi, PhD  
2015 Krista Steenberg, PhD  
2015 Lauri Toikka, PhD  

Honorary Research Fellows  
2012 Sergej 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.

Manawatū Campus

Associate Professors
1994 Matthew A. Berkahn, BBS(Hons), LLM Well., SJID Deakin
1987 Lin Mei Tan, DipCom, DipAcc, MA Lond., PhD ANU, FCCA 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 Ehalaie, BSc, MBA Jos., PhD Well., CPA Aust.
2003 Nirmala Nath, DipEd USP, BA USP, PG Dip USP, MA USP, PhD WaiK., CPA Aust.
2011 Radiah Othman, MAcc Wisc., CPA Aust.
2018 Muhammad Kaleem Zhair-ul-Hassan PhD

Lecturers
2016 Ernest Gayaong, BCom Cape Coast, MSc Dund., PhD Griff.
1987 Lindsay C. Hawkes, DipBusAdmin, MBS, CA
2007 Yuan Yuan Hu, MA WaiK., MBE, PhD Cardiff, CPA Aust.
2002 Feona J. Sayles, BBS, LLM Cant., Barrister and Solicitor of the High Court of New Zealand
2017 David Sutton, BCA(Hons) Well., MCA Well., BA Otago, GradDipArts Well., PhD Well.
2017 Jing Jia, BA Griff., 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 Kristel 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 Hitotsubashi
1997 Jillian J. Hooks, DipTchg, 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.), MCom Law 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 RAU, PhD, CA

Lecturers
2013 Mareena 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, AdvCertTTechg 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, BAav

Chief of Standards
1999 Paul Kearney, BAav

Senior Lecturers
2004 Andrew Gilbey, PhD, Warw.
2006 Jose Perezgonzalez, PhD (Doctor Europeus) La Laguna
2000 Savern Reweti, DipInfrSc, DipTchg, BSc Cant., PhD
2015 Kan Tsui, BAav, PhD

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

Assistant Lecturer
2017 Isaac Henderson, BAavMan, PGDipBus, MAav

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, BAav

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, BSocSc WaiK., BTheo Auck., MA Qld., PhD Auck.

Professors
2018 Mohan Dutta, BTech ITT, MA N.Dakota, PhD Minn.
2013 Shiv Ganes, BA(Hons) Delhi, MA Tata Inst. SocSci, PhD Purdue
2013 Harold van Heerde, MSc Groningen, PhD Groningen
2013 Valentina 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, BSoSc, MMgt, PhD WaiK.
2003 Henry F. L. Chung, MBA, PhD WaiK.

Senior Lecturers
2002 Sandy Bultner, BTechn, 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 MUnheim, PhD WaiK.
2014 Chun-ju Flora Hung-Busecke, BA Taiwan, MSc Boston, PhD Maryland
2018 Esther Jaspers, BinntBus, MMrtk Tilburg
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

Manawatu 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 Kerema

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 Kyle Gibbard, BBS
2016 Deborah Dalliessi, DipIntMktng, PGCertHSc AUT
2016 Liesl Nunn, 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 Ashkettle
Projects Manager
2017 Janet Flint

Manawatu Campus
Facilities Services Manager - Manawatu
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

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 Irwan, BA
2010 Jie (Billy) Zhang, BSc Unitec, PGDipInf

Video Communications Facilitator
2012 Gary Jonker, DpScTech

Systems Engineer (Networking)
2001 Ravi Hettarachchi, 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 Lim sowin, 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 Mildon, DipBus, BA
2006 Diane Rozmus, BInfSci
2014 Jill Short
2006 Leonard Smit, N Dip Tech FUT

Project and Portfolio Planning Analyst
2014 Sue Lawrence

Technical Project Manager
2009 Paul Charsley, 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, ANZTB
2016 Sassan Nikoo, BInfSci, CTFL (ISTQB ANZTB)

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

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  Robert McLaren
2001  Iresha Siriwardena, MSc Otago
2006  Wei (Jack) Su

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  Mareene 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 Auckland

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
2013  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 Robertson
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 Gowan, 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)**
1982 John Charles, MA Camb., MALib Shelf.

### 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 Esser, PGDipLIS Well., ALIANZA
2011 Vanessa (Ness) Gibson, BA Auck., MLIS Well.
2015 Cuiying Mu, BA Xi’an, MLIS, Well.
2016 Elizabeth Sturrock, BSc Auck., GradDipTchg

**Kaiwhakarato Pārongo Rangahau Māori**
2016 Jacqueline Snee, BLIS, OpenPoly.

### Manawatū Campus

**Business Manager**
2016 Arvind Kumar, BSc(Hons) Delhi, CA India

**Archives**

**Collection Services**

**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**
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
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 Anne Râm, BSc(Hons) Otago, PGDipECE, DipILS OpenPoly.
2013 Lorraine Tremain, MA Cant., DipNZLS Well.
2005 Joanna Wemman, BA, NZLS Cert
2001 Noeline White, BA, DiplLibr 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, DipSe, BSc, DipNZLS Well., MLSc Hawaii
2012 James Duncan, BA Cant., MLIS Well.
2011 Lauren Deacon, BA Well.
1983 Paul Orsman, BA(Hons) Well., DipLibr 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, LesLEA 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, DipMngt 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 Mc Morrow, 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  Seluvai 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 Conner-Douglas, CTEFLA, DELTA, MA
2017  Rahna Carusi, BA New Orleans, MA Boston Coll., PhD Georgia State

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

Disability Student Adviser
2004  Philip Godfrey, BSc(Hons)

Alternate Format Co-ordinator
2005  Kevin Murray, 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, GCNZIA BOPPoly.
2004  Melissa Signal, GradDipBusStuds
2008  Preeti Mathew Verma, BA India, PGDipBusAdmin
2001  Kathryn Tulitt, BBS

Manager Employment Relations
2011  Fiona McMorran, 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, DipTchg, BEd, MEdAdmin, PhD
HR/Capability Advisor
2014 Jo Swift, BSc Otago, PGDipMgmt, PGDipTourism

Director Risk and Assurance
2007 Jodie Banner, 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, DiplTESL Well.

Associate Directors and Managers
2012 Elizabeth Tully, BA(Hons) Cant., Grad Dip Mgmt Cant., PhD
2015 Joy Hotter, DipBusComp AUT, CertBus AUT, BA AUT, BBus AUT, PGDipBusAdmin

Tutors
2016 Gabriela De Tezanos Pinto, MSc (equiv.)
2015 Samad Zare, BA
2016 Julia Walton, MBA
2014 Shona Watson, BA
2003 Margaret C. Jones, MA Well., PGDipEd Waik., MTESOLLeadership, CTEFL
2017 Joshua Lee, MBiomedEng Germany, BMedEng Nanyang, PhD Auck.
2014 Mark Kaneko, BA(Hons) Grad Dip Mgmt Cant., PhD

English Language Teachers
2016 Laura Hopkins, MProfStudSLT Auck., RSA/UCLES DELTA Kings College London, RSA-CTEFLA, St Giles College London, BA(Hons) Brightbn
2008 Margaret C. Jones, MA Well., PGDipEd Waik., DELTA, CELTA, IDLTM Qld.
2004 Anne-Marie Ngan, DipTESOL Auck.
2013 Leonard Sanders, BA(Hons) Well., MA Well., PhD, PGDipSLT
2016 Julia Walton, MBA Auck., BEd, DipTEFLA Lond., CertTEFLA Lond., DipTchg, CertTchg, NCALE Auck.
2014 Maggie Wilkinson, BEd Edin., CELTA, DELTA Camb., PGCEd S Qld., MLT AUT
2015 Samad Zare, BA Shiraz, MA Shiraz, PhD

Senior Tutors
2016 Uzma Bibi, PGCertBank, PGDipInfoTech Quaid-e-Azam, MBA Hailey, MA Panjib, PhD
2016 Gabriela De Tezanos Pinto, MSc (equiv.) Cordoba, PhD Auck.

Tutors
2017 Joshua Lee, MBiomedEng Germany, BMedEng Nanyang, PhD Auck.
2016 Cora Bone, BA, CertTESOL INTESOL, PGDipAppLing
2017 Gillian Cornes, MPLS AUT, Grad Dip TESOL AUT, BA Cant., DipTchg ChchiTC
2017 Lyndal Bruce, Grad Dip AdultEdTESOL Syd., Grad Dip Prim Well., BSoeCc Waik., CTEFLA Syd.
2015 Anne Goodfellow, MProfSt Auck., MA Auck., BA Auck., CertTESOL Trinity
2015 Christine Hanley, BA Auck., PGDipELT Auck., DipTchg ATTC, TTC ATTC
2015 Belinda Hardy, BA Well., LLL Well., MTESOL Auck., CELTA
2016 Andrea Holland, DipEngLing Wisc., BA, Wisc., CELTA LLA, DipTESOL Trinity

2017 Shonn Matamua, BProdDes Unitec, PGDipEd, CELTA AUT
2015 Faezeh Mehrang, BA Tabriz, MA Tabriz, PhD Auck.
2016 Sailaja Rajaretnam, MA Waik., DipEd Malaysia, Assoc DipTESOL Sheff Hallam, Assoc DipTESOL Trinity
2016 Vera Reis, MEd Syd., PGDipTchg CU, PGCertSuper CU, BCom NSW
2013 Howard Rickman, BEd(Tchg) Auck., MA Auck., DipTchg Auck, CoE., DipRecSport AUT, CELTA Auck Lang Cat.
2017 Peter Straghan, BA Stir, MSc Belf.

Manawatu Campus
Academic and Programme Co-ordinators
1999 Donna Bliss, BA Auck., MA Well., DiplTEFLA Cairo, MEd
2010 Hilde Celie, BEDEng, BBusMgmt Belgium
2013 Hey Joungh Choi
2002 Briar Hamilton, BA Auck., DipTchg CCE, DipSLT
2010 Athena Knight, BA Cant., MAHons Auck., MA Macq.
2013 Danette Whitehouse, JP, CertAdultTchg CIT, DipMgmt NZIM, DipBusStuds Waik., BEd CIT, PGDipBusAdmin, MMgmt

Senior English Language Teachers
2003 Brett Alcock, BA, MPhil, MATESOL Well., DipDrama, NZ Drama School, DipTESOL Lond., CertTESOL Lond.
2013 Susanne Aldrich, BA, PGDipSLT, 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, IELTSCertTEFLA Camb.
2000 Sharon O’Sullivan, BEd, DipTchg, DipSLT
2007 Hern Teo-Sherrell, BA, MA Iowa State, DipEd, CertTESL Vancouver
2008 Heather Thomas, BA, MAppLing Well., MBS, DipSLT, DipBusAdmin, Grad Dip BusStuds
1996 Helen Thomson, BA, MAppLing Well., PGDipSLT, CertTEFLA Auck.

Senior Tutors
2016 Sandra Accari, BSc(Hons) La Trobe, PGCertTT, PhD La Trobe, 2016 Elana Stalmann, Dip UP S'Af., BCom UP S'Af.
2013 Hey Joung Choi
2016 Matt Wilkins, BSc(Hons) Cant., MSc NYU, MSc UBC, PhD

Tutor
2017 Erin Withers, Grad Dip Tchg(Prim), BA, CertTESOL

English Language Teachers
2013 Lynley Barker, BA, MA Well., DipTESOL Well., CTEFLA Dominon
2013 Nick Cleland, BAppEcon, PGDIPSLT, CertTESOL Trinity
2013 Julie Doyle, BEd, DipTchg, CertTESOL Trinity, GenPrimECE, PGDipAppLing
2001 Jill O’Brien, BEd, PGDipSLT, DipTchg
2013 Cindy Tan, BA, MA, PGDipSLT, CELTA Camb., LGSMD Lond.

Wellington Campus
Academic and Programme Co-ordinators
2013 Christina Baldarelli, BA, MAppSci W Syd., PGDipSLT
2017 Masako Crawford, BA Shinshu, BA(Hons) Well., MA, PGDipEd, CertTchg Eng Shinshu
2004 Anne-Marie Ngan, DiplTESOL Well., TTC

Senior English Language Teacher
1998 Elizabeth Morrison, DipBusStuds, DipTchg, BA Well., PGDipLitEd, MEd Penn.

English Language Teachers
2009 Shelley Ashley, BA Leeds, MA Well., DipTESOL Lond., CertTESOL Leeds, PGCE Leeds
2009 Eugenia Butler, BA Bucharest, DipTchg Bucharest, MAppLing Waik.
2004 Jane Kitchenman, BA, DipTchg, DipGerman Munich
2009 John Taylor, BMus Well., MA Well., CELTA
2004 Shona Watson, BA Well., PGDipTESL Well.
## Project Management Office

**Project Manager**  
2006 Graham Robinson, GradDipSc, BInfSc, BBS

**Business Case Advisor**  
2015 Johan Swanepeol, BSc Jo’burg, 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

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

### Ethics Committee Administrators

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 Morriess, 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
Accommodation Services

Te Tari Whakanoho

Accommodation Manager, Te Ohanga
2011  Kelly Manning

Accommodation Assistant
2017  Emily MacFarlane, BA Cant.

Manawatū 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 Kumich, BA

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

Manawatū Campus

Manager
1984  Alan White, DipMgmt, BA, PGDipBus, MMgmt, 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

Manawatū Campus

Employer Liaison
1998  Nicola Stone, BA, PGDipBusAdmin

Careers Consultant
2006  John Ross, DipCGHE Reading, BA(Hons) G.Caledonian, PGDipHR Strath.
<table>
<thead>
<tr>
<th>Campus</th>
<th>Position</th>
<th>Name</th>
<th>Qualifications</th>
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<tbody>
<tr>
<td>Wellington</td>
<td>Career Development Consultant</td>
<td>Grant Verhoeven, BSc, BSS</td>
<td>OtagoPoly, GradDipEcDev AUT, MMgt, PMCDANZ</td>
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<tr>
<td>Minita Whakapono</td>
<td>Chaplaincy Service</td>
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<td>Auckland</td>
<td>Coordinating Chaplain</td>
<td>Ricky Waters, JP, Dip Tchg.</td>
<td>EEd, BD</td>
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<td>Interdenominational Chaplains</td>
<td>Ps Tu-Yi Chiang, BSc</td>
<td>Chung Yuen, BMin Bread of Life, MA</td>
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<td>Rev. Kyu Kim, BA, PGDip</td>
<td>Pastoral Couns Yeon Sei Korea, MDiv Chang ShinKorea, MSW(Applied)</td>
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<td>Wesley Lorentz, BTheol</td>
<td>UNSA</td>
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<td>Carrie Rambo, DipDentalAssist</td>
<td>Portland</td>
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<td>Jill Shaw, BS Int. Cult</td>
<td>Comms Johnson, MA Cincinnati</td>
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<td>Wellington</td>
<td>Coordinating Chaplain</td>
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<td>Chaplaincy Coordinator</td>
<td>Rebekah Jourdain, BA(Hons)</td>
<td>DClinPsych</td>
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<td>Dianne Stock, DipTchg</td>
<td>Auck.</td>
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<td>Victoria Sibley, MA</td>
<td>Leeds</td>
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<td>Manawatū</td>
<td>Coordinating Chaplain</td>
<td>Paul Stock, MSc-Wak.</td>
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<td>Interdenominational Chaplains</td>
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<td>Isaac Fung, PhD Manc.</td>
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<td>Terry McGrath, DipTchg, BSc.</td>
<td>BA, MPhil</td>
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<td>Wellington</td>
<td>Chaplaincy Coordinator</td>
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<td>Ian Cook, BPhEd Otago, DipTchg ACE, IntAdvDipAdminMgt IAM, DipTheol Brist.</td>
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<tr>
<td>Events</td>
<td>Management</td>
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<td>Whakahaere Kaupapa</td>
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<td>Wellington</td>
<td>Events Manager</td>
<td>Jane McLaughlin, BA Edin.</td>
<td>Napier</td>
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<td>Events Co-ordinator</td>
<td>Sarah Golding, BSc(Hons)</td>
<td>Warw., DPhil York</td>
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<td>Events Assistant</td>
<td>Becky Wilson</td>
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<tr>
<td>Wellington</td>
<td>Events Manager</td>
<td>Jayne Whyte, CELTA Camb., CertEngTchg Kings, GradDipBusStuds</td>
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<td></td>
<td>Events Co-ordinator</td>
<td>Shannon Butson, BDes</td>
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<td>Health</td>
<td>and Counselling Services</td>
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<td>Te Whare</td>
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<td>Auckland</td>
<td>Events Manager</td>
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<td></td>
<td>Events Manager</td>
<td>Jennifer Beckett, BA(Hons), PGDipPhysPrac, MA, MNPPSS, MACBS</td>
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<td>Connelors</td>
<td>Casey Dicks, BSc, MSc, MNZPS</td>
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<td>Alexis Kliem, BA, MHLthSc, PGDipCounsPsych, MNZPS</td>
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<td>Wellington</td>
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<td>Events Manager</td>
<td>Theresa Martinovich, AdvCertAOD Weltec, PGDipHlthSci Auck., PGCertSup Auck., MCouns Auck., MNZAC, DAPAANZ</td>
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<td>Lynn Yue Yang, BA Wuhan, PGDip Couns, MEd Auck., MNZAC</td>
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<tr>
<td>Medical</td>
<td>Officers</td>
<td>Angela Fraser, MBCHB Auck., DipPaed, BHlthSci, NZCRN, FRNZCGP</td>
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<td>Robin Kelly, MRCS Eng, LRCP Lond., FRNZCGP</td>
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<td>Glenda Lowe, DipObst Auck., MBChB, FRNZCGP</td>
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<td>Ajay Makal, MBBS, DipClinPathol, FRNZCGP</td>
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<td>Lesley Yan, DipPaed Auck., MBChB Auck., BfnSc, MRNZCGP</td>
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<tr>
<td>Wellington</td>
<td>Student Health and Counselling Centre Practice</td>
<td>Nicky McGeorge, PGDipMngt, Northumbria</td>
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<td>Manager</td>
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<tr>
<td>Senior</td>
<td>Counsellor</td>
<td>Patricia Ford, BSc Cant., MCouns, MNZAC, RegdPsychotherapist</td>
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<td>Mark Pope, DipCBT EIT, DipTchg Cant., PGDipEd Well., MCouns, MNZAC</td>
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<td>Wellington</td>
<td>General Practitioners</td>
<td>Caroline Hampton, DipObst, MBChB Otago</td>
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<td>Mary Hutchinson, MBChB Otago, PGDTravelMed Otago, FRNZCGP</td>
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<td>International</td>
<td>Student Support</td>
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<td>Tautoko Tauria</td>
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<td>Auckland</td>
<td>Team Leader, International Student Support</td>
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<td>Vivien Cheah, MEd</td>
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<td>International</td>
<td>Student Support Advisors</td>
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<td>Anita Albert</td>
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<td>Sindy Lee, BComm</td>
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<td>Adeline Yap, BSc, GradDipEcon</td>
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<td>International</td>
<td>Student Pastoral Care Advisor</td>
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<td>Merlyn Yin, BA</td>
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<td>Wellington</td>
<td>Team Leader, International Student Support</td>
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<td>Sylvia Hooker, DipSport&amp;Rec</td>
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<td>International</td>
<td>Students Support Officer</td>
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<td>Dianne Reilly, GradDipBusStuds, BA(Hons)</td>
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<td>Logan Tate, BIS</td>
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<td>Jamie Hooper, DipTchg, BA</td>
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<td>Tian Yang, BC</td>
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<td>Cerie Wu, BA Nankui, BA(Hons) Well., PGDipEd</td>
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<td>Sport and</td>
<td>Recreation Services</td>
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<td>Richard Hollings, DipSpt&amp;Rec</td>
<td>Auck.</td>
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<td>Client Services</td>
<td>Team Leader</td>
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<td>Millie McNie, BBS</td>
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<td>Health and</td>
<td>Fitness Team Leader</td>
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<td>Karl Pauhotaua, CertFitTrain</td>
<td>Auck.</td>
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<td>Academy of</td>
<td>Sport High Performance Co-ordinator</td>
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<td>Gabrielle Peach, BPhyED Otago</td>
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</table>

MASSEY UNIVERSITY 2018 CALENDAR 49
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(Hons) P.Eлизabeth, 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, MEcon Lazarski
Administrator Officer
2015 Dylan Barrow, B(HealthSc)

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, PGCertHealSci Otago, MNZAC, DAPAANZ
2017 Ahmed Dahir Mohamed, BSc(Hons), GradDipTchng & Sprvsn, PHD
2008 Nicky Rees, DipEvan, BCouns

Medical Officers
2014 Parteshma P. Chand, MBChB Otago, MRNZCGP
1992 Mark Morris, MBChB Otago, FRNZCGP
2017 Anthony Rea, BSc, MBBS, MPH, MRCP(UK), DTM(RCSI), FRCP(Glas.), FTM(RCPsng)

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&RecMgm 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, GradDipSe

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, FIAgrE, FIPENZ

Centre for Ergonomics, Occupational Safety and Health
Director
1995 Stephen J. Legg, BSc(Hons), PhD, FERgS, CNZERg
<table>
<thead>
<tr>
<th>Centre of Excellence in Farm Business Management</th>
</tr>
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<tbody>
<tr>
<td><strong>Director</strong></td>
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<tr>
<td>2012  Mark Williamson, MBA Well., DipWoolTech Lincoln</td>
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<thead>
<tr>
<th>Centre for Language and Speech Processing</th>
</tr>
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<tbody>
<tr>
<td><strong>Director</strong></td>
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<tr>
<td>2003  Ruili Wang, BE HUST, ME Northeastern, PhD Dublin</td>
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<tr>
<th>Centre for Mathematics in Industry</th>
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<td><strong>Director</strong></td>
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<th>Centre for Metabolic Health Research</th>
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<tr>
<td><strong>Director</strong></td>
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<tr>
<th>Centre for Organisational Excellence Research</th>
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<tbody>
<tr>
<td><strong>Director</strong></td>
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<tr>
<td>1998  Robin S. Mann, MSc Warw., PhD Liv.</td>
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<tr>
<th>Centre for Parallel Computing</th>
</tr>
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<tbody>
<tr>
<td><strong>Director</strong></td>
</tr>
<tr>
<td>2011  Daniel Playne, BSc(Hons), PhD</td>
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<thead>
<tr>
<th>Centre for Postharvest and Refrigeration Research</th>
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<tr>
<td><strong>Director</strong></td>
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<tr>
<td>2010  Julian Heyes, BSc(Hons) Well., DPhil Osf.</td>
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<tr>
<th>Centre for Precision Agriculture</th>
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<tr>
<td><strong>Director</strong></td>
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<tr>
<td>1997  Ian J. Yule, MSc, PhD N’cle (UK), CEng(UK)</td>
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<tr>
<th>Centre for Public Health Research</th>
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<tr>
<td><strong>Director</strong></td>
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<tr>
<td>2003  Jeroen Douwes, PhD Wagen.</td>
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<tr>
<th>Centre for Research in Mathematics Education (CoRME)</th>
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<tr>
<td><strong>Co-Directors</strong></td>
</tr>
<tr>
<td>1995  Glenda Anthony, DipTchg, LTCL, BSc(Hons), MPhil, PhD</td>
</tr>
<tr>
<td>2001  Margaret Walshaw, DipTchg, BSc Cant., MEdAdmin, PhD</td>
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<th>Centre for Structural Biology</th>
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<td><strong>Director</strong></td>
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<tr>
<td>1994  Geoffrey B. Jameson, BSc(Hons), PhD Cant., FNZIC, FRSNZ</td>
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<th>Centre for Theoretical Chemistry and Physics</th>
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<td><strong>Director</strong></td>
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<tr>
<td>2004  Peter A. Schwerdtfeger, MEng Aalen, MSc, PhD Stuttgart, Habilit. Marburg, FRNZ, FNZIC, MAPS, MACS, MIAQMS</td>
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<tr>
<th>Engaged Social Science Hui Rangahau Tahī (eSocSci)</th>
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<td><strong>Director</strong></td>
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<th>EpiCentre</th>
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<tr>
<td><strong>Director</strong></td>
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<tr>
<td>Tim Carpenter, BA UCLA, MS UC Davis, PhD UC Davis</td>
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<th>Equity Through Education</th>
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<td>Appointment pending</td>
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<th>Fertiliser and Lime Research Centre</th>
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<td><strong>Director</strong></td>
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<tr>
<td>1983  Mike J. Hedley, BSc(Hons) Leeds, PhD</td>
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<th>Financial Education and Research Centre (Fin-Ed Centre)</th>
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<td><strong>Director</strong></td>
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<tr>
<td>2012  Pushpa Wood, DipCommWithYouthDev, BA(Hons), MA Delhi, PhD Well.</td>
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<th>Infectious Disease Research Centre</th>
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<td><strong>Director</strong></td>
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<tr>
<td>2014  David T.S. Hayman, BVSc, MSc Camb., DipECZM</td>
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<tr>
<th>Executive Director</th>
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<tr>
<td>2011  Nigel P. French, BVSc, MSc, PhD Brist., DLSHTM, MRCVS, DipECVPH, MNZIFST, FRSNZ</td>
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<th>Innovative River Solutions</th>
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<td><strong>Co-Directors</strong></td>
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<tr>
<td>1993  Russell G. Death, BSc(Hons), PhD Cant.</td>
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<td>2003  Ian C. Fuller, BSc(Hons), PGCU Lt. Northumbria, PhD Wales</td>
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<th>Joint Centre for Disaster Research</th>
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<td><strong>Director</strong></td>
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<tr>
<td>2006  David Johnston, MSc Cant., PhD, MInstD</td>
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<tr>
<th>Massey University and Beijing Language and Culture University Joint Research Centre in Applied Linguistics</th>
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<tr>
<td><strong>Director</strong></td>
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<tr>
<td>1983  Professor Cynthia J. White, DipTESL Well., BA(Hons) Well., PhD</td>
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<th>Massey University Working Dog Centre</th>
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<td><strong>Director</strong></td>
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<tr>
<td>2000  Andrew J. Worth, BVSc, PhD, MACVS</td>
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<th>New Zealand Biochar Research Centre</th>
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<tr>
<td><strong>Co-Directors</strong></td>
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<tr>
<td>2009  Marta Camps, BAgEng(Hons) Politica Catalunya, MSc, PhD UC Davis</td>
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<td>1998  Jim Jones, BE(Hons) Cant., MSc Idaho, PhD Camb.</td>
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<tr>
<th>New Zealand Food Safety Science and Research Centre</th>
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<tr>
<td><strong>Director</strong></td>
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<tr>
<td>2004  Nigel P. French, BVSc, MSc, PhD Brist., DLSHTM, MRCVS, FRSNZ</td>
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<th>New Zealand Life Cycle Management Centre</th>
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<td><strong>Director</strong></td>
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<td>2010  Sarah McLaren, BSc(Hons) Leeds, MSc Tor., PhD Sar.</td>
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<tr>
<th>New Zealand Social Innovation and Entrepreneurship Research Centre</th>
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<td><strong>Director</strong></td>
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<tr>
<td>2010  Anne de Bruijn, MSc New Eng., PhD</td>
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<tr>
<th>New Zealand Social and Health Outcomes Research and Evaluation and Whariki Research Centre</th>
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<td><strong>Co-Directors</strong></td>
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<tr>
<td>2002  Sally Casswell, PhD</td>
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<td>2002  Helen Moewaka Barnes, MPH Auck., PhD</td>
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<th>Riddet Institute</th>
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<td><strong>Directors</strong></td>
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<tr>
<td>1989  Harjinder Singh, MSc Ludhiana, PhD Cork, FRSNZ</td>
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<tr>
<td>1983  Paul J. Moughan, BAgriSc(Hons), PhD, DSc, FRSNZ Riddett Institute (RC1)</td>
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<th>Roof Water Harvesting Centre</th>
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<td><strong>Director</strong></td>
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<tr>
<td>1985  Stan E. Abbott, DipMedMicro, DipHistopath, MSc</td>
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<tr>
<th>SHORE Social and Health Outcomes Research and Evaluation and Whariki Research Centre</th>
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<td><strong>Co-Directors</strong></td>
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<tr>
<td>2002  Sally Casswell, PhD</td>
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<tr>
<td>2002  Helen Moewaka Barnes, MPH Auck., PhD</td>
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| Back to Contents |
Sleep Wake Research Centre

Director
2003 Philippa Gander, PhD Auck.

Te Au Rangahau: Māori Business Research Centre

Director
2001 Farah Palmer, ONZM, BPhEd(Hons), PhD

Te Mata o te Tau: Academy for Māori Research and Scholarship

Director
1994 Huia Jahnke, DipTchg, BEd, Med, PhD

Vitamin D Research Centre

Co-Directors
2001 Jane Coad, BSc(Hons), PGCEA, PhD Lond., R.Nutr.
2009 Pamela Von Hurst, PhD

Wildbase Research

Director
2002 Brett Gartrell, BVSc(Hons) Synd., PhD Tax., MACVSc

---

Professors Emeriti

R. S. Adams, DipEd NZ, MA, PhD Otago
Robert D. Anderson, ONZM, MagriSc, PhD C’nell, DDA, FNZIAS
D. F. Bacon, MSc NZ, PhD Yale
Tom Barry, BSc(Hons), PhD N’cle (UK), DSc
Richard D. Batt, MBE, MSc, MA, PhD NZ, DPhil Oxf., FNZIC FRSC FRNSNZ
D. K. Blackmore, MRCVS Lond., CBE
Andrew M. Brodie, BSc(Hons), PhD Cant., DSc, FNZIC, CChem, FRSC
R. R. Brooks, BA, BSc Brst., PhD Capre., DSc, FNZIC
Tim J. Brown, BSc(Hons) Leic., PhD Lond., CBiol, FIBiol
A. Neil Bruere, DVSyD., PhD Glas., MRCSV, FACVSc
I. L. Campbell, BAgSc NZ, PhD Miss., FNZIAS
Tim Carpenter, BA UCL, MS UC Davis, PhD UC Davis
James W. Chapman, DipTchg, MA Well., PhD Alta., FIARLD
Srikanta Chatterjee, MA
Norma Chick, RGON, RM, DipNEd, BA(Hons) Melb., PhD ANU, FRCSA
John A. Codd, ONZM, DipEd, BA, MA, PhD
Glynis M. Crop, MA, NZ, M.E. Da Paris
Martin H. Devlin, ED, BA Cant., GradDBS, MCom Otago, MAIE
J. Dunmore, ChHn JP, BA(Hons) Lond., PhD NZ, AIB
Sir Mason H. Durie, CNZM, MBChB Otago, DPysch McGill, DLitt, HonLLD Otago, FRANZCP, FRNSNZ
Mary D. Earle, BSc, PhD Glas., HonDSc Khon Kaen, FNZIFST, FIPENZ(Hon)
Richard L. Earle, B(Chem), BSc NZ, PhD Glas., HonDSc Khon Kaen, FRChem, FIPENZ, CEng (UK)
Wayne Edwards, OBE, DipEd, AdvDipTchg, MA Auck., MEdAdmin, PhD NE., ANZIM, FCCEAM, FNZEAES
Hans-Jurgen Engelbrecht, MA Aegina, DipVolkswirt Ruprecht-Karls U Heidelberg, PhD Qld
Ian Evans, BA(Hons) Witw., PhD Lond., FRNSNZ, FAPA, FAPS, FNZPSs
E. Des Fielden, BAgSc NZ, BVSc Syd., FRCVS, FACVSc
Elwyn C. Firth, BVSc, MS Kentucky, PhD Uirecht, DipACVS
John R. Flenley, CertEd, MA, Sc.D Camb., PhD ANU
D. S. Flux, MAgrSc NZ, PhD R’dg
Alan R. Frampton, MAgrSc, PhD C’nell, HonDSc
Gaemea S. Fraser, MA NZ, PhD Miss.
Philip J. Gendall, MSc N’cle (UK), MAGrSc, PhD
Richard K. Harker, MA Well., PhD
Robert V. Hargreaves, DipDairy Farming, BS Berkeley, MBA, FPINZ
Richard J. Harris, BSc(Hons), PhD Adel, SMIEEE, FIE Aust.
Stephen J. Haslett, BA, BSc Otago, BSc(Hons), PhD Well., CStat, FSS
I. Hayman, MSc NZ, MA Vets, PhD Birm.
Gary L. Hermannson, DipSciC Vet., BA Cal(Berkeley), MA PhD
Eroll Hewitt, BSc(Hons) Cant., PhD Wales, FNZSHS
R. Hodges, MSc NZ, PhD Manc.
John Hodgson, BSc, PhD, DSC Leeds, FRNSNZ
R. M. Hodgson, BTech(Hons) Brad., PhD Nott., FIEE, SMIEEE, FNZCS, FIPENZ
C. W. Holmes, BAg(Hons), PhD Belf.
Kerry R. Howe, MA Auck., PhD ANU
Jeffrey J. Hunter, BSc NZ, MSc Auck., PhD Nth Carolina, DSc, MRSNZ, FNZMS
Robert D. Jolly, BVSc, PhD Syd., DSc, FACVSc, FRNSNZ
Bob R. Jones, BVSc
Nan J. Kinross, RGON, DipN, BA Cant., MS Calif., PhD, FRCNA, FCNA
Steven L. Grow, BS, MA, Ed.D
Chin-Diew Lai, BSc Auck., MSc Auck., PhD Well.
Mohan Lail, BCom Well., MBS, FCA, CMA
Nigel R. Long, MSc Auck., PhD Qld., FNZPSs
R. H. Ngatata Love, PCNZM, JP, BCom, BCA(Hons), PhD Well., ACIS, ANZIM
Barrie K. Macdonald, BA(Hons) Vict., PhD ANU
Robert McKibbin, MSc Cant., PhD Auck., FNZMS, MRSNZ
Michael T. McManus, BSc(Hons) Well., MA, DPhil Oxf.
A. Cluny Macpherson, MA Auck., DPhil Waik.
Ian S. Maddox, BSc(Hons), PhD Birm.
Geoff N. Malcolm, MSc NZ, PhD Manc., FNZIC
B. W. Manktelow, BVSc, PhD Brst., DipMicrobiol NZ, MRCVS, MACVSc
Anton D. Meister, MAgrSc Cant., PhD Iowa
Ken S. Milne, MAgrSc, PhD Calif., FNZSHS, AHRIIH
Roger S. Morris, BVSc Syd., MVSc Melb., PhD R’dg, FACVSc, FAmerCE, FRNSNZ
R. E. Manford, MAgrSc NZ, PhD R’dg
Vince E. Neal, BSc(Hons), PhD Well., MNZM, CRSNZ, FN
Anthony C. Norris, MSc Hull, PhD Imperial Lond., DIC, FRSC, CChem, FIMA, CMath, CSci
W. H. Oliver, MA NZ, DPhil Oxf.
Roger Oppenham, DipTchg, MA, DPhil Waik.
David Parry, CNZM, BSc(Hons) Lond., PhD Lond., DSc Lond., FNZIC, FNZIP, FRNSNZ
David Penny, BSc(Hons), PhD Yale, FRNSNZ, CNZM, ISSB, SMBE, NZAS
Hector B. Perera, BCom, PhD Syd.
Tom K. Prebble, DipTchg, MA Auck., PhD Alta., FNZAES
Alexander (Al) L. Rae, OBE, CNZM, MAgrSc NZ, PhD Iowa, FNZIAS, FAAAAG, FRNSNZ
Allan N. Rae, MPhilSc, PhD NewEng.
E. L. Richards, MSc NZ, PhD Brst., FNZIC FNZIFST
Sylvia V. S. Rumball, CNZM, ONZM, MSc NZ, PhD Auck., FNZIC
J. K. Scott, BE(Hons) NZ, MChemE, FNZIM, FIIFST
George A. Shouksmith, MA Edin., PhD Belf., C.Psychol, FBPsS, FNZPSs
Heather V. Simpson, BSc(Hons) Qld., PhD
E. Warwick Slinn, BA(Hons) Cant., MA Hawaii, PhD Brit Col.
Ivan A. Snook, MA Cant., PhD Ill.
Brian P. Springett, BSc(Hons), PhD Dunelm
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, OBE 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, FRSNZ 1981–1984
J. Douglas Easton, DipAg 1985–1990
Morva O. Croxon, CBE, BMus Auck., MPhil, FTCL, LRSM, DipTchg, LGSM, HonDLitt 1999–2002
Russell Ballard, CNZM, BAgrSc, MAgrSc, PhD Flor., 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., FANZASA, FNZIC, FRSNZ, HonDSc East Asia, HonDSc 1984–1995
Professor James McWha, BSc, BAgr(Hons) Belf., PhD Glas., MZNZIAS, 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
P. Levi 1927, retired 1941
Arthur Morton 1927, retired 1944
Sir William Perry 1929, retired 1935
J. D. Hall 1929, retired 1936
S. Irwin Crookes 1934, retired 1935
L. H. Collinson (co-opted member) 1935, retired 1953
O. Monrad (co-opted member) 1935, died 1959
A. E. Mansford, OBE 1936, retired 1947
G. Grey Campbell 1936, retired 1944
R. A. Candy, OBE 1937, retired 1946
Sir Matthew Oram 1938, retired 1950
H. M. Christie 1939, retired 1944
P. Kearins Jr. 1939, retired 1946
W. P. Rollings 1941, died 1943
Sir G. Douglas Robb 1942, retired 1947
Walter V. Dyer, CBE 1943, retired 1961
G. A. Hansen 1944, retired 1948
A. K. Turner, MA, LLB 1944, retired 1953
Ormond Wilson 1945, retired 1950
L. J. Wild, CBE, BSc, MA 1947, retired 1954
H. E. Annett, OBE, BAgrSc, DSc 1947, retired 1960
V. J. Chapman, PhD 1948, retired 1962
K. G. Chamberlain 1949, retired 1950
W. A. Jacques, BSc 1949, retired 1951
A. S. Ashmore 1949, retired 1953
C. P. McMeekan, CBE, BAgSc, PhD, HonDSc 1949, retired 1959
Sir Duncan Stout, CBE, DSO, FRCs, MS, HonLD 1950, retired 1963
A. J. Hastie, ED 1950, retired 1956
J. A. Colquhoun, OBE, MSc 1951, retired 1964
The Hon. W. B. Tennent, OBE, JP, BSc 1951, retired 1961,
reappointed 1965, retired 1970
J. H. Tetley, MAgrSc, DSc 1952, retired 1959
E. D. Holt, JP 1953, retired 1966
J. C. Andrews, MSc, PhD, FRIC, FNZIC 1954, retired 1959,
reappointed 1961, retired 1963
A. A. Johnson, DipAg 1957, retired 1962
Sir Alan Stewart, KBE, MAgrSc, DPhil, FNZIAS, HonDSc 1959, retired 1983
F. G. Spurdle, MA, DipEd, PhD 1959, retired 1962
O. Conibear 1960, retired 1974
L. R. Wallace, CBE, MAgrSc NZ, PhD Cant., Hon DSc, FNZIAS, FRSNZ 1960, retired 1984
H. B. Low, MA, PhD 1960, retired 1984
C. V. Fife, MSc, PhD, ANZIC 1961, retired 1984

MASSEY UNIVERSITY 2018 CALENDAR
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, FRSNZ, FNZIAS
J. N. Hodgson, BAgSc
W. A. McGillivray, JP, MSc, PhD, DSc, FRNZIC, FRSNZ, FNZIAS
The Hon. Les W. Gandar, JP, BSc, DSc
J. Dunmore, BA, PhD
W. C. Clark, MSc, PhD, DIC
Clem G. N. Hill, MA, DipEd, PhD
J. H. Jensen, MA, PhD
H. J. Whittwell, OBE, DipEd, MA
Sir Arthur Ward, KBE, ACA, FNZIAS, HonDSc
R. D. Marr, BSc, MSc, MA, PhD, DPhil, FNZIC, FRIC
W. H. Oliver, MA, DPhil, HonDLitt
A. B. Ward, BSc EstMan.
The Hon. Justice J. Hugh Williams, LLB, Farb INZ, HonDLitt
<table>
<thead>
<tr>
<th>Name</th>
<th>Appointment and Retired Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>R. Fifield, BA</td>
<td></td>
</tr>
<tr>
<td>Ralph Springett, CertAdultEd, BA(Hons), MA</td>
<td></td>
</tr>
<tr>
<td>R. (Dick) Hubbard, ONZM, BSc</td>
<td></td>
</tr>
<tr>
<td>Susan Baragwanath, BA</td>
<td></td>
</tr>
<tr>
<td>E. Gordon, MA, PhD</td>
<td></td>
</tr>
<tr>
<td>R. D. Anderson, BSc</td>
<td></td>
</tr>
<tr>
<td>N. Bruce Ullrich, OBE, BCom, MBA</td>
<td></td>
</tr>
<tr>
<td>J. Clark, BSc</td>
<td></td>
</tr>
<tr>
<td>Sylvia Rumball, CNZM, ONZM</td>
<td></td>
</tr>
<tr>
<td>D. J. R. Lee, BCom</td>
<td></td>
</tr>
<tr>
<td>E. Gordon, MA, PhD</td>
<td></td>
</tr>
</tbody>
</table>

**Honorary Graduates**

<table>
<thead>
<tr>
<th>Year</th>
<th>Honorary Graduate</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>1976</td>
<td>Eliza Amy Hodgson</td>
<td>Doctor of Science</td>
</tr>
<tr>
<td>1977</td>
<td>Alfred Lawrence Friis</td>
<td>Doctor of Science</td>
</tr>
<tr>
<td>1981</td>
<td>Rt Hon. Brian Edward Talboys</td>
<td>Doctor of Science</td>
</tr>
<tr>
<td>1982</td>
<td>Frederick Reed Alan Hallaby</td>
<td>Doctor of Science</td>
</tr>
<tr>
<td>1985</td>
<td>Alan Tutton Johns</td>
<td>Doctor of Science</td>
</tr>
<tr>
<td>1996–1997</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year</td>
<td>Name</td>
<td>Degree</td>
</tr>
<tr>
<td>------</td>
<td>------</td>
<td>--------</td>
</tr>
<tr>
<td>1990</td>
<td>Sir James Thompson Graham</td>
<td>Doctor of Science</td>
</tr>
<tr>
<td>1990</td>
<td>Tukewakai Kereama</td>
<td>Doctor of Literature</td>
</tr>
<tr>
<td>1991</td>
<td>John Douglas Easton</td>
<td>Doctor of Science</td>
</tr>
<tr>
<td>1991</td>
<td>Robert Stewart Lockwood</td>
<td>Doctor of Science</td>
</tr>
<tr>
<td>1991</td>
<td>Roger Essex Burchall Peren</td>
<td>Doctor of Literature</td>
</tr>
<tr>
<td>1991</td>
<td>Sir Arthur Hugh Ward</td>
<td>Doctor of Science</td>
</tr>
<tr>
<td>1992</td>
<td>Roy Allan McKenzie, KBE</td>
<td>Doctor of Literature</td>
</tr>
<tr>
<td>1992</td>
<td>Donald Vincent Merton</td>
<td>Doctor of Science</td>
</tr>
<tr>
<td>1993</td>
<td>Joy Cowley, OBE</td>
<td>Doctor of Literature</td>
</tr>
<tr>
<td>1993</td>
<td>Ephra Garret</td>
<td>Doctor of Literature</td>
</tr>
<tr>
<td>1993</td>
<td>Bok Yong Kim</td>
<td>Doctor of Science</td>
</tr>
<tr>
<td>1993</td>
<td>Dame Malvina Major, DBE</td>
<td>Doctor of Literature</td>
</tr>
<tr>
<td>1993</td>
<td>Campbell Reid</td>
<td>Doctor of Science</td>
</tr>
<tr>
<td>1994</td>
<td>Joan Majorie Dingley</td>
<td>Doctor of Science</td>
</tr>
<tr>
<td>1994</td>
<td>Brian George Conway Elwood</td>
<td>Doctor of Literature</td>
</tr>
<tr>
<td>1994</td>
<td>Joan Wiffen</td>
<td>Doctor of Science</td>
</tr>
<tr>
<td>1995</td>
<td>David Raymond Levene, OBE</td>
<td>Doctor of Literature</td>
</tr>
<tr>
<td>1995</td>
<td>Philip Seabrook Yates</td>
<td>Doctor of Science</td>
</tr>
<tr>
<td>1996</td>
<td>Kevin William Low</td>
<td>Doctor of Science</td>
</tr>
<tr>
<td>1996</td>
<td>Samuel Darragh McGredy</td>
<td>Doctor of Science</td>
</tr>
<tr>
<td>1996</td>
<td>Sir Thomas Neil Morris Waters</td>
<td>Doctor of Science</td>
</tr>
<tr>
<td>1996</td>
<td>Cliff Whiting</td>
<td>Doctor of Literature</td>
</tr>
<tr>
<td>1996</td>
<td>John Rolan Williams</td>
<td>Doctor of Commerce</td>
</tr>
<tr>
<td>1997</td>
<td>Jane Hunter, CNZM</td>
<td>Doctor of Science</td>
</tr>
<tr>
<td>1998</td>
<td>Hon Justice Hugh Williams</td>
<td>Doctor of Literature</td>
</tr>
<tr>
<td>1998</td>
<td>Sir Peter Blake, OBE</td>
<td>Doctor of Literature</td>
</tr>
<tr>
<td>1998</td>
<td>Hon Justice Eddie Durie</td>
<td>Doctor of Literature</td>
</tr>
<tr>
<td>1998</td>
<td>Michael Houstoun, CNZM</td>
<td>Doctor of Literature</td>
</tr>
<tr>
<td>1998</td>
<td>Dick Hubbard</td>
<td>Doctor of Science</td>
</tr>
<tr>
<td>1998</td>
<td>James Garfield Johnson</td>
<td>Doctor of Literature</td>
</tr>
<tr>
<td>2000</td>
<td>Sir Patrick Goodman</td>
<td>Doctor of Science</td>
</tr>
<tr>
<td>2000</td>
<td>Kevin Ireland</td>
<td>Doctor of Literature</td>
</tr>
<tr>
<td>2000</td>
<td>Air Commodore Stuart McIntyre, CBE, OBE, DFC</td>
<td>Doctor of Commerce</td>
</tr>
<tr>
<td>2000</td>
<td>William Hosking Oliver, CBE</td>
<td>Doctor of Literature</td>
</tr>
<tr>
<td>2000</td>
<td>Major General Piers Martin Reid, CBEDoctor of Literature</td>
<td></td>
</tr>
<tr>
<td>2001</td>
<td>Sir Dryden Spring</td>
<td>Doctor of Science</td>
</tr>
<tr>
<td>2001</td>
<td>Geoffrey Page</td>
<td>Doctor of Science</td>
</tr>
<tr>
<td>2001</td>
<td>Ian Warrington, CNZM</td>
<td>Doctor of Literature</td>
</tr>
</tbody>
</table>
2014
Dame Suzanne Elizabeth Ralston Moncrieff, DNZM Doctor of Fine Arts
Geoffrey Peter Murphy, ONZM Doctor of Literature
Madame Peng Liyuan Doctor of Literature

2015
Mr Dhanin Chearavanont Doctor of Science
Gerald Christopher Philip Hensley, CNZM Doctor of Literature
Sir David John Moxon, KNZM Doctor of Literature
Anna (Ans) Jacoba Westra Doctor of Fine Arts

2016
Russell Ballard, CNZM Doctor of Science
Diana Barbara Goodman Doctor of Literature
Richard (Dick) George Scott ONZM Doctor of Literature

2017
Robert Kinsella (Kim) Workman, QSO Doctor of Literature

Massey Medal Recipients

1990
Alexander (Al) Rae

1991
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 Simspon
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

75th Anniversary Medals celebrating Massey University's 75th Anniversary

2002
Russell Ballard, CNZM
Robyn Rangihua Bargh
Paddy Bassett
Robin Michael Hapi
Peggy Gwendoline Koopman-Boyden
Fay Mason
Brian Walter Wickham
Professor Christine Winterbourn

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.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 2017</td>
<td>Course enrolment opens for 2018 academic year (unless otherwise stated for programmes requiring selected entry).</td>
</tr>
<tr>
<td>November</td>
<td>Final date for domestic student applications to Air Transport Pilot programme selection.</td>
</tr>
<tr>
<td>December</td>
<td>Final date for applications to Teaching programme selection.</td>
</tr>
<tr>
<td>2018</td>
<td>Semester Two and Double Semester examination results notified about this date.</td>
</tr>
</tbody>
</table>

### Administrative Calendar and Statutory Holidays

NB: Dates provided below for Academic Board and University Council are tentative only and could be subject to change.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 2017</td>
<td>Academic Committee meets.</td>
</tr>
<tr>
<td>November</td>
<td>University Council meets.</td>
</tr>
<tr>
<td>December</td>
<td>University closes at 5pm.</td>
</tr>
<tr>
<td>2018</td>
<td>University re-opens.</td>
</tr>
<tr>
<td>January</td>
<td>Wellington Anniversary Day Holiday, Manawatū campus and Wellington campus.</td>
</tr>
<tr>
<td>February</td>
<td>Waitangi Day.</td>
</tr>
</tbody>
</table>

---

**NB:** Dates provided below for Academic Board and University Council are tentative only and could be subject to change.

---

**Massey University 2018 Calendar**  
59
### Student Calendar

**March**

1. Final date for applications to graduate at Palmerston North and Wellington ceremonies.
2. Final date for students to add a Semester One or Double Semester course online conditional on availability of remaining places.***
12. Summer School results notified about this date.
15. Final date for applications for Veterinary and Vet Tech programmes selection.
31. Final date for payment of outstanding fees for Semester One and Double Semester courses.

30 March–13 April

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 1</td>
<td>Mid-Semester One break (study and field trips, internal; distance learning (extramural) contact workshops).</td>
</tr>
</tbody>
</table>

**April**

1. Final date for international student application to Air Transport Pilot programme selection.
16. Semester One resumes.
18. Celebration to honour Pasifika graduates, Auckland.
19. Celebration to honour Māori graduates, Auckland.

**May**

1. Final date for domestic student application to Air Transport Pilot programme selection for Semester Two.
1. Due date for all new international students to apply for admission and enrolment in Semester Two 2018 conditional upon availability of remaining places.*
17. Celebration to honour Pasifika graduates, Palmerston North.
31 May–1 June

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 1</td>
<td>Graduation, Wellington.</td>
</tr>
</tbody>
</table>

**June**

1. Final day of Semester One lectures.
5–8. Study break.
11–23. Semester One examinations.
18. 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.*
18. Due date for all Transfer of Academic Credit/Cross Credit applications related to commencing study in Semester Two.**
23. Semester One concludes.
25 June–13 July

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 25</td>
<td>Mid-year break (Distance learning [extramural] campus courses).</td>
</tr>
</tbody>
</table>

**July**

2. Due date for returning students to apply for course enrolment in Semester Two 2018, conditional on availability of remaining places.*
2. Course Guides normally available on Stream for Semester Two courses.
11. Dispatch of Semester Two distance material (where relevant) normally completed for those who enrol on time.
12. Semester One examination results notified about this date.
13. Reporting in Person all campuses if required.
16. Semester Two commences.
20. Final date for students to add a Semester Two course online conditional on availability of remaining places.***
31. Final date for payment of outstanding fees for Semester Two courses.

**August**

27 August–7 September

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 27</td>
<td>Mid-Semester Two break (study and field trips, internal; distance learning (extramural) contact workshops).</td>
</tr>
</tbody>
</table>

### Administrative Calendar and Statutory Holidays

**March**

1. University Council meets.
12. Academic Committee meets.
12. Final date to consider proposals for CUAP Round One.
30 March–13 April

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 30</td>
<td>Easter break.</td>
</tr>
</tbody>
</table>

**April**

9. Academic Committee meets.
4–13. Conferences at the Manawatū campus.
18. Academic Board meets.
25. ANZAC Day.

**May**

1. Deadline for submission of Academic Proposals for CUAP Round One.
7. Academic Committee meets.
31 May–1 June

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 31</td>
<td>Graduation – Wellington.</td>
</tr>
</tbody>
</table>

**June**

4. Queen’s Birthday observance.
11. Academic Committee meets; final date for considering changes to the 2018 University Calendar.
20. Academic Board meets.
25 June–13 July

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 25</td>
<td>Conferences at the Manawatū campus.</td>
</tr>
</tbody>
</table>

**July**

5. University Council meets.
9. Academic Committee meets.
9. Final date to consider proposals for CUAP Round Two.
18. Academic Board meets.

**August**

6. Academic Committee meets.
15. Academic Board meets.
27 August–7 September

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 27</td>
<td>Conferences at the Manawatū campus.</td>
</tr>
</tbody>
</table>
### Student Calendar

<table>
<thead>
<tr>
<th>September</th>
<th>Administrative Calendar and Statutory Holidays</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>September</td>
</tr>
<tr>
<td>Final date for applications to graduate at the Palmerston North November ceremony.</td>
<td>1 Deadline for submission of Academic Proposals for CUAP Round Two.</td>
</tr>
<tr>
<td>10</td>
<td>6 University Council meets.</td>
</tr>
<tr>
<td>Semester Two resumes.</td>
<td>10 Academic Committee meets.</td>
</tr>
<tr>
<td>10</td>
<td>19 Academic Board meets.</td>
</tr>
<tr>
<td>September 1</td>
<td>October</td>
</tr>
<tr>
<td>Deadline for submission of Academic Proposals for CUAP Round Two.</td>
<td>8 Academic Committee meets.</td>
</tr>
<tr>
<td>6 University Council meets.</td>
<td>17 Academic Board meets.</td>
</tr>
<tr>
<td>19</td>
<td>22 Labour Day.</td>
</tr>
<tr>
<td>Final day of Semester Two lectures.</td>
<td>October</td>
</tr>
<tr>
<td>23–26</td>
<td>8 Academic Committee meets.</td>
</tr>
<tr>
<td>Study break.</td>
<td>17 Academic Board meets.</td>
</tr>
<tr>
<td>29 October–14 November</td>
<td>22 Labour Day.</td>
</tr>
<tr>
<td>Examinations for Semester Two and Double Semester courses.</td>
<td>November</td>
</tr>
<tr>
<td>31</td>
<td>1 University Council meets.</td>
</tr>
<tr>
<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>
<td>12 Academic Committee meets.</td>
</tr>
<tr>
<td>31</td>
<td>21 Academic Board meets.</td>
</tr>
<tr>
<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>
<td>30 Graduation – Palmerston North.</td>
</tr>
<tr>
<td>November</td>
<td>December</td>
</tr>
<tr>
<td>2</td>
<td>7 Final date for payment of outstanding fees for Summer School courses.</td>
</tr>
<tr>
<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>
<td>5 University Council meets.</td>
</tr>
<tr>
<td>5</td>
<td>10 Academic Committee meets.</td>
</tr>
<tr>
<td>Course Guides normally available on Stream for Summer School courses.</td>
<td>21 University closes at 5pm.</td>
</tr>
<tr>
<td>7</td>
<td>21 University closes at 5pm.</td>
</tr>
<tr>
<td>Due date for students to apply for course enrolment in Summer School 2018, conditional on availability of remaining places.***</td>
<td>21 University closes at 5pm.</td>
</tr>
<tr>
<td>12</td>
<td>30 Graduation – Palmerston North.</td>
</tr>
<tr>
<td>Dispatch of Summer School distance material (where relevant) normally completed for those who enrol on time.</td>
<td>December</td>
</tr>
<tr>
<td>14</td>
<td>2019</td>
</tr>
<tr>
<td>Semester Two and Double Semester ends.</td>
<td>January 2019</td>
</tr>
<tr>
<td>19</td>
<td>3 University re-opens.</td>
</tr>
<tr>
<td>Summer School commences.</td>
<td>21 Wellington Anniversary Day Holiday, Manawatū campus and Wellington campus.</td>
</tr>
<tr>
<td>23</td>
<td>28 Auckland Anniversary Day Holiday, Auckland campus.</td>
</tr>
<tr>
<td>Final date for students to add a Summer School course online, conditional on availability of remaining places.***</td>
<td>30 Graduation – Palmerston North.</td>
</tr>
<tr>
<td>30</td>
<td>2019</td>
</tr>
<tr>
<td>Graduation ceremonies, Palmerston North.</td>
<td>2019</td>
</tr>
<tr>
<td>December</td>
<td>2019</td>
</tr>
<tr>
<td>7</td>
<td>2019</td>
</tr>
<tr>
<td>Final date for payment of outstanding fees for Summer School courses.</td>
<td>3 University re-opens.</td>
</tr>
<tr>
<td>13</td>
<td>21 Wellington Anniversary Day Holiday, Manawatū campus and Wellington campus.</td>
</tr>
<tr>
<td>Semester Two and Double Semester examination results notified about this date.</td>
<td>28 Auckland Anniversary Day Holiday, Auckland campus.</td>
</tr>
<tr>
<td>21</td>
<td>6 Waitangi Day.</td>
</tr>
<tr>
<td>Last day of Summer School lectures for 2018.</td>
<td>2019</td>
</tr>
<tr>
<td>2019</td>
<td>2019</td>
</tr>
<tr>
<td>January 2019</td>
<td>3 University re-opens.</td>
</tr>
<tr>
<td>3</td>
<td>21 Wellington Anniversary Day Holiday, Manawatū campus and Wellington campus.</td>
</tr>
<tr>
<td>Summer School resumes.</td>
<td>28 Auckland Anniversary Day Holiday, Auckland campus.</td>
</tr>
<tr>
<td>February</td>
<td>February</td>
</tr>
<tr>
<td>5</td>
<td>6 Waitangi Day.</td>
</tr>
<tr>
<td>Final day of Summer School lectures.</td>
<td>2019</td>
</tr>
<tr>
<td>11–16</td>
<td>2019</td>
</tr>
<tr>
<td>Summer School Examinations.</td>
<td>2019</td>
</tr>
<tr>
<td>16</td>
<td>2019</td>
</tr>
<tr>
<td>Summer School concludes.</td>
<td>2019</td>
</tr>
</tbody>
</table>

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* 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.
### 2018 Semester Dates for Specified Programmes

<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>
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</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</td>
<td>Te Aho Tātairangi and Te Aho Paerewa</td>
</tr>
<tr>
<td>Semester One Begins</td>
<td>26 February</td>
<td>13 February</td>
<td>24 January except GradDipTchg (ECE) 27 January</td>
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<td>PGDipEd Psych 30 January MCounsStuds 13 February</td>
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<td>29 January New Intake (Pohiri compulsory) 28 January</td>
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<tr>
<td>Mid Semester One Break (incl Easter)</td>
<td>30 March - 13 April</td>
<td>30 March - 13 April</td>
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<tr>
<td>Semester One Ends</td>
<td>23 June</td>
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<td>30 June</td>
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<tr>
<td>Mid-Year Break</td>
<td>25 June - 13 July</td>
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<td>16 July</td>
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<tr>
<td>Mid Semester Two Break</td>
<td>27 Aug - 7 Sep</td>
<td>27 Aug - 7 Sep</td>
<td>27 Aug - 7 Sep</td>
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<td>27 Aug - 7 Sep</td>
<td>27 Aug - 7 Sep</td>
<td>29 Sep - 13 Oct except GradDipTchg (ECE): 9 - 13 Oct</td>
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<tr>
<td>Semester Two Ends</td>
<td>14 November</td>
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<td>14 November</td>
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<td></td>
<td>14 November</td>
<td>GradDipTchg (Secondary) and (ECE): 15 Nov GradDipTchg (Primary): 1 Dec MTchgLn: 8 Dec</td>
<td></td>
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</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 must 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

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.

Matriculation Requirements

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 in Te Reo Māori or foreign languages in some courses. Most assignments and examinations use essays and reports as the main type of written work.

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 (232 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.

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### 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.

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### 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 candidature in 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
8. Students who have been inactive for a period of three consecutive years before obtaining a 75 percent average or higher in the 8-credit programme for each of two academic years, and who agree to the terms and conditions of Study and Validation, may be permitted to re-enrol. Additionally, students who have been inactive for a period of three consecutive years may apply for admission to a specific undergraduate degree or diploma. 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.

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 before obtaining a 75 percent average or higher in the 8-credit programme for each of two academic years, and who agree to the terms and conditions of Study and Validation, 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:

- 120 credit qualification 15 credits
- 240 credit qualification 30 credits
- 360 credit qualification 45 credits
- 480 credit qualification 60 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

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...
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 where appropriate to a specific qualification:
   (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 2(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 minor 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 substantially the same content.

Programme Type | Maximum Credits | Level
--- | --- | ---
Undergraduate Certificate (60 credits) | Undergraduate qualification – fewer than 120 credits | No cross-crediting | Not applicable
Undergraduate Certificate (60 credits) | Undergraduate qualification – 120 credits or greater | 15 credits | 100-level
Undergraduate Qualification (120 credits) | Undergraduate qualification – between 120 and 240 credits | 15 credits | 100-level
Undergraduate Qualification (120 credits) | Undergraduate degree – between 240 and 360 credits | 30 credits | 100-level
Undergraduate Qualification (120 credits) | Undergraduate degree – 360 credits or higher | 45 credits | 100-level
Undergraduate Diploma (240 credits) | Undergraduate degree – 360 credits or higher | 75 credits | 100-level

Undergraduate Degree (360 credits) | Undergraduate degree – 360 credits | 120 credits | 100- and 200-level (maximum of 45 credits at 200-level)
Undergraduate Degree (360 credits) | Massey University undergraduate degree – between 480 and 800 credits | 180 credits | 100- and 200-level (maximum of 90 credits at 200-level)

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 practicable 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 available grades and assuming a first class pass for their courses that have grades outstanding.

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:

### Academic Standing Criteria

<table>
<thead>
<tr>
<th>Performance during most recent enrolment period</th>
<th>Previous Academic Standing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Awards of WD- and Zero credit courses are neutral.</td>
<td>Excelling; Good; New/New Level**</td>
</tr>
<tr>
<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>Passed 100% of credits in enrolment period.</td>
<td>Excelling; Good; Academic Management; New/New Level*</td>
</tr>
<tr>
<td>Passed less than 100% of credits in enrolment period.</td>
<td>Academic Management; Academic Risk</td>
</tr>
<tr>
<td>Passed 50–99% of credits in enrolment period.</td>
<td>Academic Management</td>
</tr>
<tr>
<td>Passed less than 50% of credits in enrolment period.</td>
<td>Academic Risk</td>
</tr>
<tr>
<td>First enrolment period after Exclusion.</td>
<td>Exclusion (Short- or Long-Term)</td>
</tr>
</tbody>
</table>

### 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 for:

<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>
</tbody>
</table>
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.

Persons excluded under (a), (b) and either (c) or (d) above will only be re-admitted to a Te Aho Tātairangi degree with the approval of the Academic Board under such conditions as it may determine.

Persons excluded twice under (a), (b) and either (c) or (d) above will not be permitted to re-enrol for Te Aho Tātairangi: The Degree of Bachelor of Teaching and Learning Kura Kaupapa Māori.

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.

Persons excluded under (a), (b) and (c) above will only be re-admitted to the Graduate Diploma of Teaching (Early Childhood Education), Graduate Diploma of Teaching (Primary) or Graduate Diploma of Teaching (Secondary) programme with approval of the Academic Board or their nominee. Such approval may be withheld or granted subject to conditions.

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
27. For persons enrolled in the Bachelor of Veterinary Science, the following will lead to exclusion from that programme:

(a) failure to complete the Second Examination;
(b) failure to complete their 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. 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.

(d) Failure to pass 45 credits in a first attempt at Part I 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 re-admitted 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 Master 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 within two years from the date of first enrolment in a course contributing to the qualification;

(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 masterate;
(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;
Part D: Exclusion from the University

46. Unless the context requires otherwise:

“Exclusion” means either:

(a) the cancellation of a student’s enrolment at Massey University in a course, programme, or the University, when during that person’s enrolment it becomes evident that any of these Regulations apply; or

(b) where a student seeks enrolment and any of the clauses in these Regulations apply, then exclusion means the refusal to enrol the person concerned in the course(s) or programme(s) or at this University as the case may be.

47. Subject to regulation 48, for the purposes of Section 224(12) of the Education Act 1989, these Regulations comprise the Council refusing to permit or cancelling 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.

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 in circumstances that are different from the circumstances specified in these Regulations. Enrolment may also be cancelled or refused when a student repeatedly withdraws (with or without academic penalty). Additionally, the University may refuse to enrol or cancel the enrolment in certain courses but permit enrolment in other courses on the grounds of insufficient progress.

49. Powers under these regulations are exercisable by the Chair, Academic Standing Hearings 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.
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* No new enrolments

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 conform 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
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>Code</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>115.901</td>
<td>Advanced Research Seminar</td>
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<tr>
<td>115.902</td>
<td>Advanced Studies in Business and Administration</td>
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<tr>
<td>115.903</td>
<td>Advanced Directed Study in Business and Administration</td>
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<td>P 115.901</td>
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<td></td>
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<tr>
<td>115.910</td>
<td>Special Topic in an appropriate disciplinary area</td>
<td>30</td>
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Part Two: Full Registration

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<th>Code</th>
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<tbody>
<tr>
<td>115.999</td>
<td>Thesis</td>
<td>240</td>
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</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>
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<tr>
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<td>175.920</td>
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<td>175.921</td>
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<td>Clinical Psychology Internship</td>
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<td>Skills in Clinical Interventions</td>
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</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
(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-enroll. 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-enroll 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. 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.

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 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

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<thead>
<tr>
<th>Code</th>
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<tr>
<td>267.912</td>
<td>Advanced Studies in Education</td>
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<td>P 267.911</td>
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<tr>
<td>267.913</td>
<td>Advanced Research and Evaluation Methodology</td>
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<td>P 267.911, 267.912</td>
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<td>267.929</td>
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<td>P 267.911, 267.912, 267.913</td>
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Part II: Full Registration

<table>
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<td>Thesis Doctor of Education</td>
<td>240</td>
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The Degree of Doctor of Literature

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.
Additional unpublished work may be submitted in support of the application.

Specialisations
3. The Degree of Doctor of Literature is awarded without specialisation.

Examination Requirements
4. 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.

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 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 100,000 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;
   (g) for candidates submitting a thesis in creative and performing arts, the thesis must include a permanent record of the performance/exhibition.
9. 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. Any aspect of the thesis for which public performance is an integral part will be examined in that context.
10. The oral examination will not proceed if the examiners agree that the thesis is of an inadequate standard.
11. 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.
12. 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 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 four years (48 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.
Ungsatisfactory 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

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<th>Code</th>
<th>Course</th>
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<td>179.911</td>
<td>Advanced Social Work and Social Development Theory</td>
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<td>179.912</td>
<td>Advanced Studies in International Social Work</td>
<td>30 C 179.911</td>
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<tr>
<td>179.913</td>
<td>Advanced Social Work Research and Evaluation</td>
<td>30 P/C 179.911, 179.912</td>
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<td>179.929</td>
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<td>30 P 179.911, 179.912, C 179.913</td>
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</table>

Part Two: Full Registration

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
</table>
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The Degree of Master of AgriScience* ......................................................... 86
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The Degree of Master of Creative Writing .................................................. 105
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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
The Degree of Master of Food Safety and Quality ..................................... 117
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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
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The Degree of Master of Management ....................................................... 125
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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):
- 115.776 Advanced Leadership 60 C 115.777
- 115.777 Leadership Practice 60 C 115.776

Part Two (60 credits)
- 115.877 Leadership Practice Report 60 P 115.776 and 115.777

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;
   and shall have been:
   (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;
   and including:
   (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):
- 112.747 International Food and Agribusiness Strategies 15 R 112.748
- 119.729 Research Methods 15
- 178.740 Global Food Markets and Trade 15 R 178.757

Elective courses (45 credits):
- 112.701 Farm Management 30
- 112.702 International Agri-Food Marketing Strategies 15
- 112.743 Cooperative Governance and Management 15
- 119.752 Advanced Farm and Horticultural Management 15 P 119.381, 119.382, 119.358, R 111.752, 119.751
- 119.791 Special Topic 15
- 119.792 Special Topic 15
- 178.742 Environmental Economics for Non-Economists 15 R 178.360, 178.762
- 178.755 Economic Growth, International and Development Economics 30 P Any Undergraduate-level Economics course or 178.703, R 178.750, 178.770
- 247.791 Special Topic in Data Analysis 15
- 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

Part Two (90 credits)
- 239.888 Thesis 90
- 239.885 Thesis 90 Credit Part 1 45
- 239.886 Thesis 90 Credit Part 2 45 C 239.885
Professional Pathway

Part One

Compulsory courses (30 credits):

- 112.747 International Food and Agribusiness Strategies 15 R 112.748
- 178.740 Global Food Markets and Trade 15 R 178.757

Elective courses (90 credits):

- 112.701 Farm Management 30
- 112.702 International Agri-Food Marketing Strategies 15
- 112.743 Cooperative Governance and Management 15
- 119.752 Advanced Farm and Horticultural Management 15 P 119.381, 119.382, 119.358; R 117.777

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

119.720 Applied Agriculture Research Methods 15

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)

284.701 Advanced Equine Production 15 R 117.767

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
15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>238.710</td>
<td>Life Cycle Assessment and Footprinting Methods</td>
<td>15</td>
<td>P 238.700 or 238.300</td>
</tr>
<tr>
<td>238.712</td>
<td>Advanced Life Cycle Assessment and Footprinting Theory</td>
<td>15</td>
<td>P 238.700</td>
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</table>

Schedule C: Master of Agriculture Courses

<table>
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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>117.701</td>
<td>Farm Management</td>
<td>30</td>
<td></td>
</tr>
<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>
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<tr>
<td>117.769</td>
<td>Lactation and Milk Production</td>
<td>15</td>
<td>P 117.347</td>
</tr>
<tr>
<td>117.771</td>
<td>Dairy Production</td>
<td>15</td>
<td>P 117.351 or 117.371 or 117.381</td>
</tr>
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<td>117.772</td>
<td>Sheep Production</td>
<td>15</td>
<td>P 117.352 or 117.371 or 117.381</td>
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<td>117.773</td>
<td>Beef Cattle Production</td>
<td>15</td>
<td>P 117.353 or 117.371 or 117.381</td>
</tr>
<tr>
<td>117.774</td>
<td>Pig Production</td>
<td>15</td>
<td>P 117.354 or 117.371 or 117.381</td>
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<td>117.775</td>
<td>Deer Production</td>
<td>15</td>
<td>P 117.356</td>
</tr>
<tr>
<td>117.776</td>
<td>Poultry Production</td>
<td>15</td>
<td>P 117.354 or 117.371 or 117.381</td>
</tr>
<tr>
<td>117.784</td>
<td>Advanced Studies in Animal Science</td>
<td>30</td>
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<tr>
<td>119.710</td>
<td>Nutrient Management in Grazed Pasture Systems</td>
<td>30</td>
<td></td>
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<tr>
<td>119.711</td>
<td>Nutrient Management in Arable Systems</td>
<td>15</td>
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<td>118.731</td>
<td>Topics in Agricultural Extension and Consultancy</td>
<td>15</td>
<td>R 111.755</td>
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<tr>
<td>119.791</td>
<td>Special Topic</td>
<td>15</td>
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<tr>
<td>119.792</td>
<td>Special Topic</td>
<td>15</td>
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<tr>
<td>189.752</td>
<td>Advanced Soil Fertility</td>
<td>30</td>
<td></td>
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<tr>
<td>189.753</td>
<td>Soil and Land Evaluation</td>
<td>30</td>
<td>P 189.364</td>
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<tr>
<td>189.755</td>
<td>Soil and Water Pollution</td>
<td>30</td>
<td>P 189.363</td>
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Part Two (60 credits)

<table>
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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Notes</th>
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<tbody>
<tr>
<td>119.620</td>
<td>Applied Agriculture Research Report</td>
<td>60</td>
<td>P 119.720</td>
</tr>
</tbody>
</table>

The Degree of Master of AgriScience

MAgriScience

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 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</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>119.728 Research Practice</td>
<td>15</td>
<td></td>
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<tr>
<td>119.729 Research Methods</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

Agriculture (at least 105 credits)

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
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
117.784 Advanced Agronomy 30
117.785 Advanced Life Cycle Assessment 30
119.710 Nutrient Management in Grazed Pasture Systems 30
119.711 Nutrient Management in Arable Systems 15
119.728 Research Practice 15
119.729 Research Methods 15
119.731 Topics in Agricultural Extension and Consultancy 15 R 111.755
119.791 Special Topic 15
119.792 Special Topic 15
119.795 Soil and Water Pollution 30 P 189.363
119.797 Advanced Soil Conservation 15 P 189.252
189.798 Advanced Soil Water Management 15 P 189.252
189.799 Advanced Studies in Soil Science 30
238.700 Life Cycle Assessment (LCA) and Footprinting Methods 15 P 160.1xx or 161.1xx
238.710 Life Cycle Assessment and Footprinting Case Studies 15 P 238.700 or 238.300
238.711 Advanced Life Cycle Assessment and Footprinting Theory 15 P 238.700
238.751 Agricultural Greenhouse Gas Emission Science 15 P 189.362
238.798 Research Report 30
283.701 Advanced Pasture Production and Practice 15 P 171.301 or 283.301; R 171.707
283.702 Advanced Agronomy 30 P 283.301 or 283.311 or 283.305; R 171.701 or 171.711 or 171.713 or 283.741
283.707 Plant Breeding 30 P One of 120.3xx, 283.305, 284.301 or 284.342; R 171.742

Equine

Compulsory courses (30 credits):

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Notes</th>
</tr>
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<tbody>
<tr>
<td>288.701 Advanced Equine Production</td>
<td>15</td>
<td>R 117.777</td>
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</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 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:

The Degree of Master of Analytics MAnalyst

(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
- 161.762 Multivariate Analysis for Big Data 15 R 161.750
- 161.777 Practical Data Mining 15 R 161.223 and 161.324
- 178.724 Applied Econometric Methods 15

Part Two
Compulsory courses:
- 125.700 Managerial Finance 30
- 125.740 Advanced Investment Analysis 30
- 125.781 Advanced Financial Risk Management 30

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)
- 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

Part Two
- 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.

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.
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.

Completion Requirements

7. In cases of sufficient merit, the Degree of Master of Applied Linguistics may be awarded with Distinction or Merit.

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>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>272.702</td>
<td>Second Language Learning Theories</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>and Processes</td>
<td></td>
</tr>
<tr>
<td>272.703</td>
<td>Contemporary Approaches to Language</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>Teaching Methodology</td>
<td></td>
</tr>
<tr>
<td>272.704</td>
<td>Contextualising Curriculum and</td>
<td>30</td>
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<tr>
<td></td>
<td>Materials Design</td>
<td>P/C 272.703</td>
</tr>
<tr>
<td>272.715</td>
<td>Current Issues in Applied</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>Linguistics</td>
<td></td>
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Part Two – Coursework Pathway (60 credits)

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>272.873</td>
<td>Research Report Applied Linguistics</td>
<td>60</td>
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<td></td>
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<td></td>
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Part Two – Research Pathway (120 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>272.899</td>
<td>Thesis</td>
<td>120</td>
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<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</td>
</tr>
</tbody>
</table>

The Degree of Master of Applied Social Work

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.
### 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
   - (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>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>179.781</td>
<td>Social and Community Work Theory and Practice I</td>
<td>30</td>
</tr>
<tr>
<td>179.782</td>
<td>Social Policy Analysis</td>
<td>30</td>
</tr>
<tr>
<td>179.783</td>
<td>Māori Development and the Social Services</td>
<td>30</td>
</tr>
<tr>
<td>179.784</td>
<td>Social and Community Work Theory and Practice II</td>
<td>30</td>
</tr>
<tr>
<td>179.789</td>
<td>Field Work Practice I</td>
<td>30</td>
</tr>
<tr>
<td>179.790</td>
<td>Field Work Practice II</td>
<td>30</td>
</tr>
<tr>
<td>179.792</td>
<td>Management in the Social Services</td>
<td>15</td>
</tr>
<tr>
<td>179.891</td>
<td>Applied Research in Social Work</td>
<td>15</td>
</tr>
<tr>
<td>179.895</td>
<td>Research Report (30)</td>
<td>30</td>
</tr>
</tbody>
</table>

**Compulsory courses (240 credits):**

- 179.781 Social and Community Work Theory and Practice I 30
- 179.782 Social Policy Analysis 30
- 179.783 Māori Development and the Social Services 30
- 179.784 Social and Community Work Theory and Practice II 30
- 179.789 Field Work Practice I 30
- 179.790 Field Work Practice II 30
- 179.792 Management in the Social Services 15
- 179.891 Applied Research in Social Work 15
- 179.895 Research Report (30) 30

**Admission**

- (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**

- 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
  - (c) any Compulsory Courses listed in the Schedule to the Degree.

**Specialisations**

- The Degree of Master of Applied Statistics is awarded without specialisations.

**Student Progression**

- 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.
- In cases of sufficient merit, the Degree of Master of Applied Statistics may be awarded with Distinction or Merit.

**Compulsory courses (30 credits):**

- 161.705 Advanced Statistical Inference 15
- 161.770 Statistical Consulting 15

**Elective courses (90 credits):**

- 161.704 Bayesian Statistics 15
- 161.709 Topic in Statistical Theory 15
- 161.725 Statistical Quality Control 15
- 161.726 Extensions to the Linear Model 15
- 161.729 Topics in Applied Statistics 15
- 161.743 Statistical Reliability and Survival Analysis 15
- 161.744 Statistical Genetics 15
- 161.749 Topics in Applied Probability 15
- 247.792 Special Topic 15
- 247.793 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 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.

The Degree of Master of Arts

MA

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.

The Degree of Master of Arts

MA


Student Progression

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.

Schedule for the Master of Arts

Defence and Security Studies

Part One – Coursework Pathway (120 credits)

Compulsory course (30 credits):

149.790 Research Methods in Defence and Security Studies 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
149.710 Military History 30
149.716 Security of China as a Great Power 30

Part One – Research Pathway (60–90 credits)

Compulsory course (30 credits):

161.776 Statistical Modelling for Researchers 15
161.777 Practical Data Mining 15
161.778 Biostatistics for Researchers 15

Part Two (60 credits)

161.893 Research Report 60

Including no more than 30 credits from:

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
161.773 Regression for Researchers 15 R 161.320
Part One – Coursework Pathway (120 credits)

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

Subject courses:

- 178.702 Macroeconomics 30
  - P 178.703, or 178.200 and either 178.220 or 178.210; R 178.700, 178.714
- 178.703 The Theory and Practice of Economics 30
- 178.712 International Monetary Economics 30
  - P 178.703 or 125.705 or 125.330 or PHOS
- 178.713 Microeconomics 30
  - P Any 300-level Microeconomics course
- 178.718 Health 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

Part Two – Coursework Pathway (60 credits)

178.894 Research Report 60

Part Two – Research Pathway (120 credits)

178.897 Thesis 120 Credit Part 1 60
178.898 Thesis 120 Credit Part 2 60
  - C 178.897
  - 178.899 Thesis 120

Education

Part One – Coursework Pathway (120 credits)

Part One – Research Pathway (60–90 credits)

Subject courses:

- 267.782 Qualitative Research in Education 15
  - R 267.720, 267.723, 267.780, 267.788
- 267.783 Qualitative Research in Education 15
- 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

Part Two – Coursework Pathway (60 credits)

267.860 Professional Inquiry 60
  - P One of 267.740, 267.741, 267.782, 267.783, R 267.871

Part Two – Research Pathway (90–120 credits)

267.899 Thesis 120
  - P Two of 267.740, 267.741, 267.782, 267.783; R 267.871 and 267.872

267.871 Thesis 120 Credit Part 1 60
  - P Two of 267.740, 267.741, 267.782, 267.783, R 267.899

267.872 Thesis 120 Credit Part 2 60
  - C 267.871; R 267.899

267.880 Thesis 90 Credit Part 1 90
  - P Two of 267.740, 267.741, 267.782, 267.783; all of 249.744, 258.722, 258.723, 258.754, 258.755 and 267.781 for MEdPsych; R 180.897, 186.891, 186.892, 186.893, 186.894, 186.895

267.881 Thesis 90 Credit Part 1 45
  - C 267.880; R 267.881

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:

- 154.708 Modern Fiction, Popular Culture and the Media 30
### Part Two – Research Pathway (90–120 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>139.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>139.816</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>139.817</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>139.883</td>
<td>Thesis</td>
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<tr>
<td>139.881</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
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<tr>
<td>139.882</td>
<td>Thesis 90 Credit Part 2</td>
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</table>

### Geography

#### Part One – Coursework Pathway (120 credits)

#### Part One – Research Pathway (60–90 credits)

**Subject courses:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</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>
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<td>145.799</td>
<td>Research Report (30)</td>
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#### Part Two – Coursework Pathway (60 credits)

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<tr>
<td>145.873</td>
<td>Research Report Geography (60)</td>
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#### Part Two – Research Pathway (90–120 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>145.899</td>
<td>Thesis</td>
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<tr>
<td>145.816</td>
<td>Thesis 120 Credit Part 1</td>
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<tr>
<td>145.817</td>
<td>Thesis 120 Credit Part 2</td>
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<td>145.883</td>
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<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>Course</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>Course</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)

#### Part One – Research Pathway (60–90 credits)

**Compulsory course (30 credits):**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</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>Course</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>

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.710</td>
<td>Te Reo Whakawhitihiti: The Language of Everyday Communication</td>
<td>30</td>
</tr>
<tr>
<td>150.711</td>
<td>Te Tai Ihu o te Reo: Advanced Māori Literature</td>
<td>30</td>
</tr>
<tr>
<td>150.715</td>
<td>Taonga Tuku Iho: Heritage Aotearoa</td>
<td>30</td>
</tr>
<tr>
<td>150.799</td>
<td>Research Report (30)</td>
<td>30</td>
</tr>
</tbody>
</table>

### Media Studies

#### Part One – Coursework Pathway (120 credits)

#### Part One – Research Pathway (60–90 credits)

**Subject courses:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</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>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>219.705</td>
<td>Advanced News Media Processes</td>
<td>30</td>
</tr>
</tbody>
</table>

#### Part Two – Coursework Pathway (60 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>154.873</td>
<td>Research Report Media Studies (60)</td>
<td>60</td>
</tr>
</tbody>
</table>

#### Part Two – Research Pathway (90–120 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>154.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>154.816</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>154.817</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>154.883</td>
<td>Thesis</td>
<td>90</td>
</tr>
<tr>
<td>154.881</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>154.882</td>
<td>Thesis 90 Credit Part 2</td>
<td>45</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>Course</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>Course</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>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>167.890</td>
<td>Advanced Research Practicum</td>
<td>60</td>
</tr>
</tbody>
</table>
Part Two—Research Pathway (90–120 credits)

Psychology

Part One—Coursework Pathway (120 credits)

Survey 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—Research Pathway (90 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
No new enrolments from 2015.

Second Language Teaching
No new enrolments from 2016.

Part One—Coursework Pathway (120 credits)

175.873 Research Report Psychology (60) 60

Part Two—Research Pathway (60–90 credits)

175.899 Thesis 120
175.894 Thesis 120 Credit Part 1 60
175.896 Thesis 120 Credit Part 2 60 C 175.894

Second Language Teaching

Part One—Coursework Pathway (120 credits)

Survey course (30 credits):
272.702 Second Language Learning Theories and Processes 30
272.703 Contemporary Approaches to Language Teaching Methodology 30
### Contextualising Curriculum and Materials Design

**Course Code:** 272.704  
**Course Title:** Contextualising Curriculum and Materials Design  
**Credit Hours:** 30  
**Prerequisite:** P/C 272.703

### Social Anthropology

**Compulsory Courses (60 credits):**
- 146.701 Contemporary Approaches in Anthropological Theory  
- 146.703 The Practice of Anthropology

**Subject Courses:**
- 146.707 Reading and Writing Ethnography  
- 146.708 Anthropology Today: Current Issues

### Social Policy

**Compulsory Courses (60 credits):**
- 176.701 Current Issues and Theories  
- 176.702 Advanced Social Inquiry

**Subject Courses:**
- 176.711 Sociology of Underdevelopment  
- 176.715 Culture and New Zealand Society  
- 176.718 Environmental Sociology  
- 176.799 Research Report (30)

### Sociology

**Compulsory Courses (60 credits):**
- 176.701 Current Issues and Theories  
- 176.702 Advanced Social Inquiry

**Subject Courses:**
- 176.711 Sociology of Underdevelopment  
- 176.715 Culture and New Zealand Society  
- 176.718 Environmental Sociology  
- 176.799 Research Report (30)

### Spanish

**Compulsory Courses (90 credits):**
- 245.700 Advanced Spanish Communication  
- 245.701 Latin American Cultural Identities  
- 245.702 Hispanic Postcolonial Representations

### 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:
   - meet the University admission requirements as specified; and

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The Degree of Master of Aviation

MAv
(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):
- 115.721 Business Law and Ethics 15
- 115.723 Accounting I 15
- 115.724 Business Finance 15
- 115.725 Leadership and People 15
- 115.726 Marketing 15
- 115.728 Contemporary Strategy 15
- 115.732 Operations and Logistics 15
- 115.745 Economics – Applied and International 15

Part Two
Compulsory courses (90 credits):
- 115.727 Entrepreneurship and Innovation 15
- 115.735 Applied Business Research 15
- 115.821 Strategic Management and International Leadership 30 P 115.728
- 115.822 Applied Research Project 30 P 115.735

Elective courses
At least 30 credits from:
- 115.731 Change Management 15
- 115.736 Business Development 15
- 115.738 Corporate Governance Best Practice 15
- 115.739 Special Topic I 15
- 115.740 Special Topic II 15
- 115.750 Investments and Risk 15

The Degree of Master of Business Studies

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.

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 B- over 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.
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.

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 P 178.703, or 178.200 and either 178.220 or 178.290; 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
178.732 Advanced Econometrics 30 P 125.785 or any 300-level Econometrics course
178.740 Global Food Markets and Trade 15 R 178.757
178.755 Economic Growth, International and Development Economics 30 P Any undergraduate-level Economics course or 178.703, R 178.750, 179.770
178.775 The Economics of Knowledge and Innovation 30 P 115.106 or 115.113 or 178.1xx 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
**Finance**

**Part One**

Compulsory courses (30 credits):

- 125.785 Research Methods in Economics and Finance 30

Subject courses:

- 125.700 Managerial Finance 30
- 125.732 Advanced Corporate Finance 30
- 125.740 Advanced Investment Analysis 30
- 125.780 Advanced International Finance 30
- 125.781 Advanced Financial Risk Management 30

**Part Two (at least 60 credits):**

- 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

**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
- 114.709 Managing the Employment Relationship 30
- 114.710 Organisational Learning 30
- 114.722 Advanced Organisational Behaviour 30
- 114.723 Performance Management 30
- 114.728 Valuing Human Resource Talent in Business Enterprises 30
- 114.735 Competitive Advantage and HRM Strategy 30
- 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
- 152.700 Organisation and Management 30
- 152.701 Advanced Management 30
- 152.702 Advanced Strategic Management 30
- 152.704 Business and Sustainability 30
- 152.705 Advanced Change Management 30
- 152.707 Leading and Changing Organisations 30
- 152.709 Leadership 30
- 152.724 Advanced Services Management 30
- 152.731 Innovation and New Ventures 30
- 152.732 Issues in Entrepreneurship 30
- 152.740 Public Sector Management 30
- 152.742 Health Systems Management 30
- 152.743 Health Policy 30
- 152.746 Contemporary Issues in Health Service Management 30
- 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

**Part Two (at least 60 credits):**

- 152.786 Research Report 60
- 152.800 Thesis 120
- 152.801 Thesis 90
- 152.802 Thesis 90 Credit Part 1 45
- 152.803 Thesis 90 Credit Part 2 45
- 152.804 Thesis 120 Credit Part 1 60
- 152.805 Thesis 120 Credit Part 2 60
- 115.894 Research Report Part 1 30
- 115.895 Research Report Part 2 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 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)

175.811 Clinical Assessment Skills 30  C 175.812, 175.813
175.812 Clinical Intervention Skills 30  C 175.811 and 175.813; R 175.936
175.813 Clinical Psychology Practica 60  C 175.811, 175.812

Part Two (120 credits)

175.814 Clinical Psychology Internship 120

The Degree of Master of Clinical Psychology

MClinPsych

P/C 156.700 or Permission Head of School
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
   (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 P 154.204 or 154.224 or 154.304
156.755 Advanced Social Media and Mobile Marketing 30 P 156.700 or Permission Head of School
156.758 Advanced Social Marketing 30
172.712 Multimodal Discourse Analysis 30
172.713 Language and Communication in Late Modernity 30 P A BC or close equivalent, with at least 15 credits in Linguistics at 300 level
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 R any 30 credits from 114.700, 114.701, 114.704, 114.705
130.705 Emergency Management 30
150.701 Tiro Rangatiratanga: Strategic Māori Development 30
<table>
<thead>
<tr>
<th>Code</th>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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>

**Part Two (60–120 credits)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>139.855</td>
<td>Master of Communication Research Project</td>
<td>60</td>
</tr>
<tr>
<td>154.855</td>
<td>Master of Communication Research Project</td>
<td>60</td>
</tr>
<tr>
<td>156.855</td>
<td>Master of Communication Research Project</td>
<td>60</td>
</tr>
<tr>
<td>172.855</td>
<td>Master of Communication Research Project</td>
<td>60</td>
</tr>
<tr>
<td>219.855</td>
<td>Master of Communication Research Project</td>
<td>60</td>
</tr>
</tbody>
</table>

**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**

**Building Technology (60 credits)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>228.769</td>
<td>Energy-Efficient Building Design</td>
</tr>
<tr>
<td>218.730</td>
<td>Construction Project Management</td>
</tr>
<tr>
<td>228.743</td>
<td>Energy Management</td>
</tr>
<tr>
<td>218.761</td>
<td>Design and Management of Healthy Buildings</td>
</tr>
</tbody>
</table>

**Construction Law (60 credits)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>218.763</td>
<td>Construction Law I</td>
</tr>
<tr>
<td>218.764</td>
<td>Construction Law II</td>
</tr>
<tr>
<td>218.765</td>
<td>Construction Adjudication</td>
</tr>
<tr>
<td>218.730</td>
<td>Construction Project Management</td>
</tr>
</tbody>
</table>

**Construction Project Management (60 credits)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>218.710</td>
<td>Advanced Construction Planning and Scheduling</td>
</tr>
<tr>
<td>218.720</td>
<td>Advanced Construction Site Operations and Control</td>
</tr>
<tr>
<td>218.730</td>
<td>Construction Project Management</td>
</tr>
<tr>
<td>218.763</td>
<td>Construction Law I</td>
</tr>
</tbody>
</table>

**Facilities Management (75 credits)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>114.702</td>
<td>Human Resource Management and Workplace Relations</td>
</tr>
<tr>
<td>218.730</td>
<td>Construction Project Management</td>
</tr>
<tr>
<td>218.761</td>
<td>Design and Management of Healthy Buildings</td>
</tr>
<tr>
<td>228.743</td>
<td>Energy Management</td>
</tr>
</tbody>
</table>
Quantity Surveying (60 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>218.730</td>
<td>Construction Project Management</td>
<td>15</td>
</tr>
<tr>
<td>218.780</td>
<td>Construction Commercial Management I</td>
<td>15</td>
</tr>
<tr>
<td>218.781</td>
<td>Construction Commercial Management II</td>
<td>15</td>
</tr>
<tr>
<td>218.784</td>
<td>Construction Law II</td>
<td>15</td>
</tr>
</tbody>
</table>

Schedule B: Elective Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>114.710</td>
<td>Organisational Learning</td>
<td>30</td>
</tr>
<tr>
<td>130.705</td>
<td>Emergency Management</td>
<td>30</td>
</tr>
<tr>
<td>132.731</td>
<td>Planning Law</td>
<td>30</td>
</tr>
<tr>
<td>228.740</td>
<td>Energy Policy</td>
<td>15</td>
</tr>
<tr>
<td>228.741</td>
<td>Energy Systems</td>
<td>15</td>
</tr>
<tr>
<td>228.742</td>
<td>Energy Economics</td>
<td>15</td>
</tr>
<tr>
<td>228.744</td>
<td>Case Studies of Renewable Energy Systems</td>
<td>15</td>
</tr>
<tr>
<td>228.745</td>
<td>Renewable Energy Conversion Devices</td>
<td>15</td>
</tr>
</tbody>
</table>

Schedule C: Research Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>218.828</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>218.829</td>
<td>Thesis 90 Credit Part 2</td>
<td>45</td>
</tr>
<tr>
<td>218.830</td>
<td>Thesis</td>
<td>90</td>
</tr>
<tr>
<td>218.820</td>
<td>Dissertation</td>
<td>60</td>
</tr>
<tr>
<td>218.810</td>
<td>Research Report</td>
<td>45</td>
</tr>
</tbody>
</table>

The Degree of Master of Counselling Studies

MCounsStuds

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.

Master of Counselling Studies Schedule

Compulsory courses (120 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>253.761</td>
<td>Professional Development in Counselling I</td>
<td>45</td>
</tr>
<tr>
<td>253.762</td>
<td>Professional Development in Counselling II</td>
<td>30</td>
</tr>
<tr>
<td>253.800</td>
<td>Research Project in Counselling</td>
<td>45</td>
</tr>
</tbody>
</table>
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)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</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>
<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>
</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>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>

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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

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.

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; and will:
   (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.

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### 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</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>
</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</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>
</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</td>
</tr>
<tr>
<td>249.742</td>
<td>Teaching Methods for Learners with Diverse Needs</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>249.744</td>
<td>Understanding Learners with Behaviour Difficulties</td>
<td>30</td>
</tr>
<tr>
<td>256.756</td>
<td>Applied Behaviour Analysis for Educators</td>
<td>30</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

MEdAdminLead

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.

Subject courses

At least 60 credits (Coursework Pathway) or 30 credits (Research Pathway) from:

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
273.785 Assessment and Evaluation in Tertiary Education 30

Master of Education Elective Courses

253.750 Counselling Theory 30
253.753 Guidance in Education 30
253.754 Family and Couples Counselling 30
253.755 Culture and Counselling 30
254.706 Advanced Studies in Curriculum Policy and Practice 30
254.744 Educational Issues Among Pacific Islands Peoples in New Zealand 30
262.751 Theory and Foundations of Gifted and Talented Education 30
254.773 Educational Policy Analysis 30

Part Two

Research Pathway (90 credits):

267.882 Thesis 90 Credit Part 2 45 C 267.881; R 267.880

Coursework Pathway (45 credits):

267.861 Professional Inquiry 45 P 267.740 or 267.741 or 267.782 or 267.783
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 in 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)

- 267.783 Qualitative Research in Education 15 R 267.720, 267.723, 267.780, 267.788

And either

- 267.880 Thesis 90

or

- 267.882 Thesis 90 Credit Part 2 45 C 267.881; R 267.880

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 Parts 1 and 2 in consecutive years. They may not enrol into 267.881 and 267.882 concurrently.
3. Progression to Part II is dependent on satisfactory progression in Part I as confirmed by the Supervisor.
4. Students enrolling in the Postgraduate Diploma in Educational Administration and Leadership or the Master of Educational Administration and Leadership are advised to take 259.771 if possible, before enrolling in 259.772.
5. An alternative approved course may be taken where the candidate has completed and equivalent research methods course in the Postgraduate Diploma in Educational Administration or Postgraduate Diploma in Educational Administration.
6. (a) The degree and honours therein shall be awarded on the basis of the whole examination with the proviso that each course and the thesis shall be at least of pass standard.
   (b) At the discretion of the chief examiner, a failed thesis may be revised and re-submitted once and may be subject to re-examination. Following successful re-examination the candidate will not be eligible for honours or distinction.

The Degree of Master of Educational and Developmental Psychology MEdDevPsych

No 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 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.

Qualification Requirements

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 120 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.
Student Progression
5. In cases of sufficient merit, the Master of Educational and Developmental Psychology may be awarded with a class of Honours.
6. For progression from Part One to Part Two of the Master of Educational and Developmental Psychology candidates must have maintained a B+ grade average over the Part One courses.

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 Education without an endorsement should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
9. The general Unsatisfactory Academic Progress regulations will apply.

Transitional Provisions
10. Candidates who have completed the Postgraduate Diploma in Education (Educational Psychology) and satisfy the entry requirements for the Master of Educational and Developmental Psychology may transfer and complete the following 120 credits: 30 credits of 256.7xx courses, 256.855, and 256.847.
11. Candidates who have not yet completed the Postgraduate Diploma in Education (Educational Psychology) may apply to transfer to the Master of Educational and Developmental Psychology providing they meet the entry requirements and can satisfy all requirements as specified in the regulations.
12. In all cases candidates must complete the requirements within the timeframes for completion as specified in the Transitional Provisions.

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;

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.

2. Admission to the Postgraduate Diploma in Education Psychology is by selection.

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):

   249.744 Understanding Learners with Behaviour Difficulties 30 R 186.744
   256.754 Assessment in Educational Psychology 30 R 186.747, 186.754, 256.754
   256.755 Professional Practice in Educational Psychology 30 R 186.748, 186.755
   258.722 The Nature, Prevention and Remediation of Literacy Learning Difficulties 30
   267.781 Research Methods in Professional Practice 30 R 271.713

   (b) And 90 credits from:

   or


   and

   267.882 Thesis 90 Credit Part 2 45 C 267.881; R 267.880
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 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) 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
   (c) 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 corresponding to three full years of study. 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.

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 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 (RLLL) 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):
- 130.705 Emergency Management 30
- 230.703 Techniques and Methods in Evaluation Research 30

Elective courses:
- 130.701 Natural Hazards 30
- 130.702 Coping with Disasters 30
- 130.706 Emergency Management in Practice 30
- 130.707 Professional Inquiry in Emergency Management 30 P 130.705 and 230.703
- 132.751 Natural Hazards and Resilient Communities 30

Part Two
Coursework Pathway (60 credits)
- 130.800 Advanced Leadership in Emergency Management 1 30 P 230.703,130.705
- 130.802 Advanced Leadership in Emergency Management 2 30 P 130.800

Research Pathway (90 credits)
- 130.883 Thesis 90
- 130.881 Thesis 90 Credit Part I 45
- 130.882 Thesis 90 Credit Part II 45 C 130.881
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>Subject</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>228.897</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>228.898</td>
<td>Thesis 120 Credit Part 2</td>
<td>60 C 228.897</td>
</tr>
<tr>
<td>228.899</td>
<td>Thesis</td>
<td>120</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 from 2018

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):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>228.797</td>
<td>Research Methods in Engineering</td>
<td>15</td>
</tr>
</tbody>
</table>

## Master of Engineering Studies Subjects

### Electronics and Computer Engineering

At least 45 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>281.755</td>
<td>Digital Signal Processing</td>
<td>15</td>
</tr>
<tr>
<td>281.756</td>
<td>Image and Video Processing</td>
<td>15</td>
</tr>
<tr>
<td>281.776</td>
<td>Advanced Communication Engineering</td>
<td>15</td>
</tr>
<tr>
<td>281.785</td>
<td>Advanced Computer Engineering</td>
<td>15</td>
</tr>
<tr>
<td>281.786</td>
<td>Advanced Micro- and Nano-electronics</td>
<td>15</td>
</tr>
</tbody>
</table>

### Energy Management

At least 45 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>228.740</td>
<td>Energy Policy</td>
<td>15</td>
</tr>
<tr>
<td>228.741</td>
<td>Energy Systems</td>
<td>15</td>
</tr>
<tr>
<td>228.742</td>
<td>Energy Economics</td>
<td>15</td>
</tr>
<tr>
<td>228.743</td>
<td>Energy Management</td>
<td>15</td>
</tr>
<tr>
<td>228.748</td>
<td>Climate Change Science and Policy</td>
<td>15</td>
</tr>
<tr>
<td>228.756</td>
<td>Energy Efficiency (Systems Analysis and Auditing)</td>
<td>15</td>
</tr>
<tr>
<td>228.767</td>
<td>Greenhouse Gas Mitigation Analysis</td>
<td>15</td>
</tr>
<tr>
<td>228.769</td>
<td>Energy-Efficient Building Design</td>
<td>15</td>
</tr>
</tbody>
</table>

### Engineering and Innovation Management

No new enrolments from 2018 pending qualification review.

At least 45 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>287.706</td>
<td>New Product Development Practices</td>
<td>15</td>
</tr>
<tr>
<td>287.740</td>
<td>Innovation Management</td>
<td>15</td>
</tr>
<tr>
<td>287.741</td>
<td>Quality System Development and Management</td>
<td>15</td>
</tr>
<tr>
<td>287.742</td>
<td>Business Process Improvement</td>
<td>15</td>
</tr>
<tr>
<td>287.743</td>
<td>Lean Operations</td>
<td>15</td>
</tr>
<tr>
<td>287.744</td>
<td>Advanced Manufacturing Strategies</td>
<td>15</td>
</tr>
</tbody>
</table>

### Life Cycle Management

At least 45 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>238.700</td>
<td>Life Cycle Assessment (LCA) and Footprinting Principles</td>
<td>15</td>
</tr>
</tbody>
</table>

## Part Two

Compulsory course (45 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>228.893</td>
<td>Research Report</td>
<td>45</td>
</tr>
</tbody>
</table>

---

# 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

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) 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.
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.

Schedule for the Master of Environmental Management
Part One
Qualification Courses
Compulsory courses (30 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>188.764</td>
<td>Advanced Environmental Management I</td>
<td>15</td>
<td>R 188.763</td>
</tr>
<tr>
<td>188.765</td>
<td>Advanced Environmental Management II</td>
<td>15</td>
<td>R 188.763</td>
</tr>
</tbody>
</table>

Elective courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>119.791</td>
<td>Special Topic</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>119.792</td>
<td>Special Topic</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>188.707</td>
<td>Introduction to Advanced Environmental Management I</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>188.708</td>
<td>Introduction to Advanced Environmental Management II</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

Option A: Water

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>145.731</td>
<td>Applied Fluvial Geomorphology</td>
<td>15</td>
<td>R 145.705</td>
</tr>
<tr>
<td>189.755</td>
<td>Soil and Water Pollution</td>
<td>30</td>
<td>P 189.363</td>
</tr>
<tr>
<td>189.756</td>
<td>Advanced Soil Water Management</td>
<td>15</td>
<td>P 189.252</td>
</tr>
<tr>
<td>196.712</td>
<td>Aquatic Ecology</td>
<td>30</td>
<td>P 196.313 or 121.313</td>
</tr>
</tbody>
</table>

Option B: Land

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>189.753</td>
<td>Soil and Land Evaluation</td>
<td>30</td>
<td>P 189.364</td>
</tr>
<tr>
<td>189.757</td>
<td>Advanced Soil Conservation</td>
<td>15</td>
<td>P 189.252</td>
</tr>
<tr>
<td>196.713</td>
<td>Ecology</td>
<td>30</td>
<td>P 196.3xx or 199.3xx</td>
</tr>
<tr>
<td>196.716</td>
<td>Plant Ecology</td>
<td>30</td>
<td>P 196.316</td>
</tr>
<tr>
<td>233.701</td>
<td>Advanced Pedology</td>
<td>30</td>
<td>P 189.364</td>
</tr>
<tr>
<td>233.710</td>
<td>Geology, Hazard and Society; Environmental Geog. A</td>
<td>15</td>
<td>P 121.310 or 121.311; R 233.756</td>
</tr>
<tr>
<td>233.711</td>
<td>Applied Environmental Geology; Environmental Geog. B</td>
<td>15</td>
<td>P 121.310 or 121.311; R 233.756</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>
</tbody>
</table>

Option C: Techniques and Tools

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>132.738</td>
<td>GIS Principles and Applications</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>132.740</td>
<td>Geographic Information Systems Programming and Practice</td>
<td>30</td>
<td>P/C 132.738</td>
</tr>
<tr>
<td>152.752</td>
<td>Project Management</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>189.761</td>
<td>Applied Remote Sensing</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>228.769</td>
<td>Energy-Efficient Building Design</td>
<td>15</td>
<td>P 228.741 or 228.743; R 142.769</td>
</tr>
<tr>
<td>233.706</td>
<td>Environmental Geographical Information Systems</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>233.707</td>
<td>Environmental Remote Sensing</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>238.700</td>
<td>Life Cycle Assessment (LCA) and Footprinting Principles</td>
<td>15</td>
<td>P 160.1xx or 161.1xx</td>
</tr>
<tr>
<td>238.710</td>
<td>Life Cycle Assessment and Footprinting Methods</td>
<td>15</td>
<td>P 238.700 or 238.300</td>
</tr>
<tr>
<td>238.711</td>
<td>Life Cycle Assessment and Footprinting Case Studies</td>
<td>15</td>
<td>P 238.700</td>
</tr>
<tr>
<td>238.712</td>
<td>Advanced Life Cycle Assessment and Footprinting Theory</td>
<td>15</td>
<td>P 238.700</td>
</tr>
<tr>
<td>238.751</td>
<td>Agricultural Greenhouse Gas Emission Science</td>
<td>15</td>
<td>P 189.362</td>
</tr>
<tr>
<td>247.790</td>
<td>Special Topic Applied Statistics</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>247.791</td>
<td>Special Topic in Data Analysis</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

Option D: Policy and Environmental Economics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>132.735</td>
<td>Natural Resource Policy and Planning</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>145.707</td>
<td>Economic Geography</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>152.704</td>
<td>Business and Sustainability</td>
<td>30</td>
<td>R 115.783</td>
</tr>
<tr>
<td>178.742</td>
<td>Environmental Economics for Non-Economists</td>
<td>15</td>
<td>R 178.360, 178.762</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 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):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>125.785</td>
<td>Research Methods in Economics and Finance</td>
<td>30</td>
</tr>
</tbody>
</table>

Elective courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<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>125.781</td>
<td>Advanced Financial Risk Management</td>
<td>30</td>
</tr>
</tbody>
</table>

Part Two

At least 60 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>125.850</td>
<td>Research Report Part 1</td>
<td>30</td>
</tr>
<tr>
<td>125.851</td>
<td>Research Report Part 2</td>
<td>30</td>
</tr>
<tr>
<td>125.892</td>
<td>Research Report</td>
<td>60</td>
</tr>
<tr>
<td>125.897</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>125.898</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>125.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
</tbody>
</table>

The Degree of Master of Finance

MFin
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.

The Degree of Master of Food Safety and Quality

MFoodSafQual

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 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.

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
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 Technology (60)

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**The Degree of Master of Food Technology MFoodTech**

**Qualification Regulations**

**Part 1**

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; and including:
   (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; and including:
   (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.
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;
   (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
   (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.

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
- 214.796 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 P 231.701
- 252.702 Sleep, Fatigue Risk Management and Occupational Safety and Health 30 R 252.701

Part Two
120 credits from:

- 214.897 Thesis 120-Credit Part 1 60
- 214.898 Thesis 120-Credit Part 2 60 C 214.897
- 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 R 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):**

- 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
- 175.725 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
- 175.739 Health Psychology: Understanding Health and Illness 15
- 175.740 Occupational Health Psychology 15
- 175.741 Psychological Assessment in Organisations 15
- 175.742 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
- 175.761 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 from:

- 175.894 Thesis 120-Credit Part 1 60
- 175.896 Thesis 120-Credit Part 2 60
- 175.899 Thesis 120

### Rehabilitation

#### Part One

**Compulsory courses (90 credits):**

- 147.701 Rehabilitation Theory and Practice 30

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### 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
Part One (120 credits):

159.702 Knowledge Engineering 15
159.703 Advanced Computer Systems 15
159.704 Systems Programming 15
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.
## The Degree of Master of International Security

**MIntlSy**

### 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)

<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>
<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>149.715</td>
<td>The Asia-Pacific Strategic Environment</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>149.740</td>
<td>Security and Crime</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>149.745</td>
<td>Crime Science</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>
<tr>
<td>149.795</td>
<td>The Cyber Security Environment</td>
<td>30</td>
</tr>
</tbody>
</table>

Elective course (no more than 30 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>130.702</td>
<td>Coping with Disasters</td>
<td>30</td>
</tr>
<tr>
<td>130.705</td>
<td>Emergency Management</td>
<td>30</td>
</tr>
<tr>
<td>134.703</td>
<td>Ethics of War and Peace</td>
<td>30</td>
</tr>
<tr>
<td>200.761</td>
<td>International Relations: Theory and Practice</td>
<td>30</td>
</tr>
<tr>
<td>230.702</td>
<td>Professional Evaluation Practice</td>
<td>30</td>
</tr>
<tr>
<td>240.757</td>
<td>Logistics in Humanitarian Aid Projects</td>
<td>15</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>149.820</td>
<td>Applied Security Research Project</td>
<td>60</td>
</tr>
<tr>
<td>149.821</td>
<td>Applied Security Planning Exercise</td>
<td>60</td>
</tr>
</tbody>
</table>

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## 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.

Part One Courses (120 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>219.711</td>
<td>Shorthand</td>
<td>30</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>Name</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):

      | Course Code | Name                                      | Credits |
      |-------------|-------------------------------------------|---------|
      | 258.720     | Foundations of Literacy Education         | 30      |
      | 258.722     | The Nature, Prevention and Remediation of Literacy Learning Difficulties | 30      |
(ii) One of the following courses (30 credits):

- 258.721 Teaching Students with Literacy Learning Difficulties 30
- 258.723 Teaching Writing in the Classroom 30

(iii) Both of the following courses (30 credits):

- 267.783 Qualitative Research in Education 15 R 267.720, 267.723, 267.780, 267.788

(iv) Up to 120 credits from the following list:

- 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
- 249.744 Understanding Learners with Behaviour Difficulties 30 R 186.744
- 254.706 Advanced Studies in Curriculum Policy and Practice 30
- 254.744 Educational Issues Among Pacific Islands Peoples in New Zealand 30
- 258.756 Applied Behaviour Analysis for Educators 30 R 186.756
- 257.789 Teaching Content to English Language Learners 30
- 258.721 Teaching Students with Literacy Learning Difficulties 30
- 258.723 Teaching Writing in the Classroom 30
- 259.771 Educational Leadership in Action 30
- 261.785 Trends in E-Learning 30
- 263.704 Advanced Studies in Motivation and Learning 30
- 265.740 Advanced Studies on Learning in the Early Years 30

269.711 Policy and Development in Māori Education 30
269.732 Cultural Differences and Education 30

The balance to be taken from courses listed in Schedule (a) of the Master of Education degree.
OR
(b) Research pathway (120 credits)

267.882 Thesis 90 Credit Part 2 45 C 267.881; R 267.880

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 1 and 2 in consecutive semesters/years. They may not enrol into 267.881 and 267.882 concurrently.
3. (a) The degree and honours therein shall be awarded on the basis of the whole examination with the proviso that each course and the thesis shall be at least of pass standard.
(b) At the discretion of the chief examiner, a failed thesis may be revised and re-submitted once and may be subject to re-examination. Following successful re-examination the candidate will not be eligible for honours or distinction.

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; and
   (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**

<table>
<thead>
<tr>
<th>Compulsory courses (60 credits):</th>
</tr>
</thead>
<tbody>
<tr>
<td>An approved Finance course (Students with insufficient undergraduate finance knowledge will be required to enrol in 125.700)</td>
</tr>
<tr>
<td>125.7xx 30</td>
</tr>
<tr>
<td>137.710 The Theory and Management of Banking 30</td>
</tr>
</tbody>
</table>

**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**

| 125.895 Professional Practice 60 |

#### Communication Management

**Part One**

| 125.895 Professional Practice 60 |

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**Subject courses (120 credits):**

| 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 |

**Part Two**

| 219.888 Professional Practice 60 |

#### Enterprise Development

**Part One**

<table>
<thead>
<tr>
<th>Subject courses (120 credits):</th>
</tr>
</thead>
<tbody>
<tr>
<td>152.700 Organisation and Management 30</td>
</tr>
<tr>
<td>152.704 Business and Sustainability 30</td>
</tr>
<tr>
<td>152.731 Innovation and New Ventures 30</td>
</tr>
<tr>
<td>152.752 Project Management 30</td>
</tr>
<tr>
<td>152.766 International Entrepreneurship 30</td>
</tr>
</tbody>
</table>

**Part Two**

| 152.894 Professional Practice 60 |

#### Financial Economics

**Part One**

<table>
<thead>
<tr>
<th>Finance subject courses (60 credits):</th>
</tr>
</thead>
<tbody>
<tr>
<td>125.700 Managerial Finance 30</td>
</tr>
<tr>
<td>125.732 Advanced Corporate Finance 30</td>
</tr>
<tr>
<td>125.740 Advanced Investment Analysis 30</td>
</tr>
<tr>
<td>125.780 Advanced International Finance 30</td>
</tr>
<tr>
<td>125.781 Advanced Financial Risk Management 30</td>
</tr>
</tbody>
</table>

**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 |
| 178.896 Professional Practice 60 |

#### Health Service Management

**Part One**

<table>
<thead>
<tr>
<th>Subject courses (120 credits):</th>
</tr>
</thead>
<tbody>
<tr>
<td>152.700 Organisation and Management 30</td>
</tr>
<tr>
<td>152.707 Leading and Changing Organisations 30</td>
</tr>
<tr>
<td>152.742 Health Systems Management 30</td>
</tr>
<tr>
<td>152.743 Health Policy 30</td>
</tr>
<tr>
<td>152.746 Contemporary Issues in Health Service Management 30</td>
</tr>
<tr>
<td>125.700 Managerial Finance 30</td>
</tr>
<tr>
<td>157.701 Health Information Management 30</td>
</tr>
</tbody>
</table>
168.711 Health Research Design and Method 30 R 168.810 and 168.710
178.718 Health Economics 30
250.741 Managing Professional Practice 30

Part Two
152.894 Professional Practice 60

**Human Resource Management**

Part One
Subject courses (120 credits):

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
114.722 Advanced Organisational Behaviour 30 P Permission Head of School 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

Part Two
114.895 Professional Practice 60

**International Business**

Part One
Subject courses (120 credits):

152.700 Organisation and Management 30 R 152.200, 152.300
152.761 Advanced International Business 30
152.764 Topics in International Business 30
152.766 International Entrepreneurship 30
114.761 International Human Resource Management 30

Part Two
152.894 Professional Practice 60

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:
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”.

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 Māori and Indigenous Business or the Postgraduate Certificate in Māori and Indigenous Business should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

10. For candidates enrolled in the Degree of Master 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 two courses contributing to the degree;
(c) failure to complete the degree within five years from the date of first enrolment in a course contributing to the qualification.

Schedule for the Master of Māori and Indigenous Business

Māori and Indigenous Business Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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></td>
<td>P 291.711</td>
<td></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>
<tr>
<td>291.831</td>
<td>Māori in Business 3</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>P 291.721</td>
<td></td>
</tr>
<tr>
<td>291.832</td>
<td>Career Management</td>
<td>15</td>
</tr>
<tr>
<td>291.833</td>
<td>International Business</td>
<td>15</td>
</tr>
<tr>
<td>291.834</td>
<td>Advanced Social Enterprise</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 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”.

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

MMVA

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>Course Code</th>
<th>Course 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>150.711</td>
<td>Te Tau-i-o-te-Reo: Advanced Māori Literature</td>
<td>30</td>
</tr>
<tr>
<td>150.714</td>
<td>Ta Te Māori Rangahau Kōrero: Māori Research Methodologies</td>
<td>30</td>
</tr>
<tr>
<td>150.715</td>
<td>Tainga Tuku Iho: Heritage Aotearoa</td>
<td>30</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>150.809</td>
<td>Te Wahaupu Matatau (Matatau): Advanced Studio Practice</td>
<td>90</td>
</tr>
<tr>
<td>150.821</td>
<td>Ngā Miro Whakaaturanga: Thesis Practicum</td>
<td>120</td>
</tr>
<tr>
<td>150.825</td>
<td>Ngā Miro Whakaaturanga: Thesis Practicum I</td>
<td>60</td>
</tr>
<tr>
<td>150.826</td>
<td>Ngā Miro Whakaaturanga: Thesis Practicum 2</td>
<td>60</td>
</tr>
</tbody>
</table>

The Degree of Master of Natural Sciences
MNatSc

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;
   And including:
   (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.
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>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>246.700</td>
<td>Advanced Research Themes in Natural Sciences</td>
<td>30</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>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>
<tr>
<td>161.778</td>
<td>Biostatistics for Researchers</td>
<td>15</td>
</tr>
</tbody>
</table>
The Degree of Master of Nursing  

**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>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>168.722</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>
</tbody>
</table>

**Part Two**

Compulsory courses (30 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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>124.899</td>
<td>Thesis</td>
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</table>

**Special Topic**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>203.782</td>
<td>Special Topic</td>
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</table>

**Assessment and Clinical Decision-Making**

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>168.722</td>
<td>Assessment and Clinical Decision-Making</td>
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<table>
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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>168.733</td>
<td>Physiology and Pathophysiology</td>
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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>168.734</td>
<td>Clinical Pharmacology</td>
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</table>

**Clinical Pharmacology**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>168.734</td>
<td>Clinical Pharmacology</td>
<td>30</td>
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**Molecular Evolution**

<table>
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<tr>
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<th>Title</th>
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<tr>
<td>232.897</td>
<td>Molecular Evolution</td>
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**Special Topic**

<table>
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<tr>
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<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>203.782</td>
<td>Special Topic</td>
<td>15</td>
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</table>

**Thesis**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
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</tr>
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<tbody>
<tr>
<td>124.897</td>
<td>Thesis 120 Credit Part 1</td>
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<tr>
<td>124.898</td>
<td>Thesis 120 Credit Part 2</td>
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<td>124.899</td>
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<tbody>
<tr>
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<td>Special Topic</td>
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**Wildlife Management**

<table>
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<td>196.897</td>
<td>Thesis 120 Credit Part 1</td>
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<tr>
<td>196.898</td>
<td>Thesis 120 Credit Part 2</td>
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<td>196.899</td>
<td>Thesis</td>
<td>120</td>
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**Clinical Pharmacology**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
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</tr>
</thead>
<tbody>
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<tbody>
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**Clinical Pharmacology**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>168.734</td>
<td>Clinical Pharmacology</td>
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</table>
### At least 30 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Subject</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>168.711</td>
<td>Health Research Design and Method</td>
<td>30</td>
<td>R 168.710, 168.810</td>
</tr>
<tr>
<td>168.713</td>
<td>Evidence-Based Practice</td>
<td>30</td>
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### Part Two

At least 60 credits from:

<table>
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<tr>
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<th>Subject</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>168.880</td>
<td>Prescribing Practicum for Nurses</td>
<td>60</td>
<td>P 168.734 (B) and 168.728 (B); R 168.850</td>
</tr>
<tr>
<td>168.881</td>
<td>Clinical Project for Nurses</td>
<td>60</td>
<td>R 168.851</td>
</tr>
<tr>
<td>168.890</td>
<td>Research Report</td>
<td>60</td>
<td>P 168.810 or 168.711 (B); R 168.895</td>
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</tbody>
</table>

### Schedule B: Core Courses for the Master of Nursing Subjects

#### Neonatal Nursing (no new enrolments from 2017)

#### Part One

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>168.725 Neonatal Science and Clinical Care of the Neonate I</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>168.726 Neonatal Science and Clinical Care of the Neonate II</td>
<td>30</td>
<td>P 168.725, 168.729 or equivalent</td>
</tr>
<tr>
<td>168.729 Neonatal and Family Assessment and Practice</td>
<td>30</td>
<td>P 168.725</td>
</tr>
<tr>
<td>168.734 Clinical Pharmacology</td>
<td>30</td>
<td>P 168.733 or 168.725</td>
</tr>
<tr>
<td>168.711 Health Research Design and Method</td>
<td>30</td>
<td>R 168.710 and 168.810</td>
</tr>
</tbody>
</table>

#### Part Two

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>168.853 Advanced Neonatal Nursing Practicum</td>
<td>30</td>
<td>P 168.726; P 168.725, and 168.729</td>
</tr>
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</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

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 in the 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**

2. 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.

3. 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.

4. 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 their 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.

5. 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

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*Back to Contents*
Qualification Requirements
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

**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 an Undergraduate degree achieving at least a B grade average in the highest two levels of the majoring subject.

2. 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.

**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.

**Unsatisfactory Academic Progress**

10. The general Unsatisfactory Academic Progress regulations will apply.

**Schedule for the Master of Professional Accountancy and Finance**

| Part A | 110.701 Accounting Systems | 15 |
|        | 110.702 Financial Accounting and Reporting | 15 |
|        | 110.703 Management Accounting and Decision Making | 15 |
|        | 125.701 Quantitative Methods for Accounting and Finance | 15 |
|        | 125.702 Financial Management | 15 |
|        | 152.771 Management in Organisations | 15 |
|        | 155.771 Law of Business | 15 |
|        | 178.771 Economics | 15 |

| Part B | 110.804 Advanced Financial Accounting and Reporting | 15 P 110.702 |
|        | 110.805 Advanced Strategic Management Accounting | 15 P 110.703 |
|        | 110.806 Auditing and Assurance | 15 P 110.701, 110.702 |
|        | 110.807 Tax | 15 |
|        | 125.803 Corporate Finance | 15 P 125.702 |
|        | 125.804 Financial Asset Management | 15 P 125.702 |
|        | 125.805 International Finance | 15 P 125.702 |
|        | 125.806 Financial Risk Management | 15 P 125.702 |

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
**The Degree of Master of Public Health**

**MPH**

### 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 Public 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 in the health sciences or equivalent; or
   (c) have been awarded or qualified for a Bachelor’s degree in the health sciences or other relevant discipline, and have relevant professional experience, or equivalent; or
   (d) have been awarded or qualified for a Postgraduate Diploma in Public Health with a minimum Grade Average of B, or equivalent.

### 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 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.

3. Notwithstanding Regulation 2, the programme of study for a candidate admitted under Regulation 1(c) will consist of at least 180 credits, including:
   (a) Parts One and Two as specified in the Schedule for the Qualification; and including:
   (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, including:
   (a) at least 60 credits from Part Two; and including:
   (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>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>231.725</td>
<td>Foundations of Public Health Practice</td>
<td>15</td>
</tr>
<tr>
<td>231.726</td>
<td>Health Systems and Policy</td>
<td>15</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</td>
</tr>
<tr>
<td>231.731</td>
<td>Epidemiology and Biostatistics 2</td>
<td>15</td>
</tr>
</tbody>
</table>

Elecetives:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>231.704</td>
<td>Māori Health</td>
<td>30</td>
</tr>
<tr>
<td>231.705</td>
<td>Pacific Health</td>
<td>30</td>
</tr>
<tr>
<td>150.701</td>
<td>Tīo Rangatiratanga: Strategic Māori Development</td>
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<tr>
<td>150.702</td>
<td>Mauri Ora: Māori Mental Health</td>
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<tr>
<td>150.714</td>
<td>Ta Te Māori Rangahau Kēre: Māori Research Methodologies</td>
<td>30</td>
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<td>151.716</td>
<td>Advanced Nutrition and Disease</td>
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<tr>
<td>151.717</td>
<td>Selected Topics in Public Health Nutrition</td>
<td>15</td>
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<tr>
<td>231.733</td>
<td>Big Public Health Issues</td>
<td>15</td>
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<td>231.734</td>
<td>Maternal and Child Health</td>
<td>15</td>
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<td>231.732</td>
<td>Physical Activity Promotion</td>
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<td>178.718</td>
<td>Health Economics</td>
<td>30</td>
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<tr>
<td>147.704</td>
<td>Drugs and Society</td>
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<td>231.706</td>
<td>Occupational Health</td>
<td>30</td>
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<td>231.707</td>
<td>Environmental Health</td>
<td>30</td>
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<tr>
<td>231.721</td>
<td>International Public Health</td>
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<tr>
<td>250.702</td>
<td>Systems Thinking and Analysis</td>
<td>15</td>
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<tr>
<td>250.703</td>
<td>Health Communication</td>
<td>15</td>
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</tbody>
</table>
The Degree of Master of Quality Systems
MQS

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.

Part Two

Option A

Compulsory praxis courses:

- 231.818 Public Health Praxis 1 30
- 231.819 Public Health Praxis 2 30 C 231.818

Option B

Compulsory praxis course:

- 231.818 Public Health Praxis 1 30

And up to 90 credits from:

- 231.820 Public Health Thesis 90
- 231.821 Public Health Thesis 90 Part 1 45
- 231.822 Public Health Research Thesis 90 Part 2 45 C 231.821
- 231.895 Research Project 60

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:

- 287.730 Quality Management 30 R 143.719, 287.733
- 287.733 Quality Management for Medical Laboratories 30 R 143.796, 287.730

At least 15 credits and no more than 30 credits from:

- 119.729 Research Methods 15
The Degree of Master of Resource and Environmental Planning

MRP

Qualification Regulations

Part I

The Degree of Master of Resource and Environmental Planning is awarded by examination and coursework study. The programme consists of two parts, Part I and Part II. Part I consists of courses totalling at least 120 credits and Part II consists of courses totalling at least 60 credits. The degree is awarded without specialisation.

Student Progression

(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 in the courses completed in Part One.

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.

Specialisations

6. The degree of Master of Resource and Environmental Planning is awarded without specialisation.

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 287.899, or 132.819 and 132.816.

5. Notwithstanding Regulation 3, the programme of study for candidates admitted under Regulation 1(c) will consist of at least 120 credits from courses listed in the Schedule to the Degree, including:
(a) up to 60 credits from courses listed in the Part One schedule; and
(b) Part Two as detailed in the Schedule to the Degree.

Specialisations

6. The degree of Master of Resource and Environmental Planning is awarded without specialisation.

Option A 120 credits

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>287.898</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>287.897</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
<tr>
<td>287.899</td>
<td>Thesis 120 Credit Part 3</td>
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Option B 90 credits

<table>
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<tr>
<td>287.898</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
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<tr>
<td>287.897</td>
<td>Thesis 90 Credit Part 2</td>
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</tr>
<tr>
<td>287.899</td>
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Option C 60 credits

<table>
<thead>
<tr>
<th>Code</th>
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</tr>
</thead>
<tbody>
<tr>
<td>228.895</td>
<td>Research Report 60</td>
<td></td>
</tr>
</tbody>
</table>

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 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 granted a variation to the programme requirements in excess of the stated limits, until the 31 December 2018.

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
132.736 Professional Practice 30

Elective Courses

132.729 Mana Tiakia: 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 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 for 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 233.756, 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 233.756), 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 both 233.702, and 145.710, 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:

<table>
<thead>
<tr>
<th>Code</th>
<th>Subject</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>

**Part Two (at least 60 credits)**

**Option A: Animal Science**

At least 30 credits at 700 level from the 117 prefix.

**Option B: Agriculture/ Horticulture Plants**

At least 30 credits at 700 level from the 283 or 284 prefix.

**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.

**Animal Science**

**Part One (at least 60 credits)**

Compulsory course (30 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>119.728</td>
<td>Research Practice</td>
<td>15</td>
</tr>
<tr>
<td>151.709</td>
<td>Biometrics for the Animal and Nutritional Sciences</td>
<td>15</td>
</tr>
</tbody>
</table>

At least 30 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Subject</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>
</tbody>
</table>

Subject courses:
Courses at 700 level from the 117, 122, 194, 199, 283 prefixes.
Part Two
120 credits from:

117.898 Thesis 120
117.897 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, 203.300, 203.307, 203.340, 203.341, 194.346
247.712 Advanced Topics in Molecular Biology 30 P One of 122.303, 122.322, 122.327, 123.326, 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, 122.327, 123.326, 203.300, 203.307, 203.340, 203.342
122.798 Research Report 30 P Two of 122.322, 122.327, 123.326, 203.340, 203.341, 203.342, 203.343
162.760 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 122.871
122.870 Research Report 60

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

At least 30 credits from:

159.872 Advanced Nanoscience and Physical Chemistry 30
159.873 Advanced Chemical Synthesis 30
159.879 Research Report 30

Subject courses:

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 123.871
159.870 Research Report 60

At least 30 credits from:

159.872 Advanced Nanoscience and Physical Chemistry 30
159.873 Advanced Chemical Synthesis 30
159.879 Research Report 30

Subject courses:

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
### Conservation 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>
<th>Restrictions</th>
</tr>
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<tbody>
<tr>
<td>232.701</td>
<td>Conservation Biology</td>
<td>30</td>
<td>R 196.719</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>
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</tbody>
</table>

**Subject courses:****

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Restrictions</th>
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<tbody>
<tr>
<td>132.735</td>
<td>Natural Resource Policy and Planning</td>
<td>30</td>
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<tr>
<td>132.738</td>
<td>GIS Principles and Applications</td>
<td>30</td>
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<tr>
<td>188.705</td>
<td>Natural Resource Policy</td>
<td>15</td>
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<tr>
<td>188.764</td>
<td>Advanced Environmental Management I</td>
<td>15</td>
<td>R. 188.763</td>
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<tr>
<td>188.765</td>
<td>Advanced Environmental Management II</td>
<td>15</td>
<td>R. 188.763</td>
</tr>
<tr>
<td>194.709</td>
<td>Conservation Endocrinology and Reproductive Biology</td>
<td>30</td>
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</tr>
<tr>
<td>196.712</td>
<td>Aquatic Ecology</td>
<td>30</td>
<td>P 196.313 or 121.313</td>
</tr>
<tr>
<td>196.726</td>
<td>Plant Ecology</td>
<td>30</td>
<td>P 196.316</td>
</tr>
<tr>
<td>232.704</td>
<td>Wildlife Disease</td>
<td>30</td>
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</tr>
<tr>
<td>232.705</td>
<td>Captive Breeding and Management</td>
<td>30</td>
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</tr>
<tr>
<td>232.709</td>
<td>Research Report</td>
<td>30</td>
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</tr>
<tr>
<td>235.701</td>
<td>Māori Values and Resource Management</td>
<td>15</td>
<td>R 188.704</td>
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<td>247.782</td>
<td>Special Topic</td>
<td>15</td>
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<tr>
<td>247.783</td>
<td>Special Topic</td>
<td>15</td>
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</table>

**Part Two**

120 credits from:

<table>
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<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>232.899</td>
<td>Thesis</td>
<td>120</td>
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<tr>
<td>232.897</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>232.898</td>
<td>Thesis 120 Credit Part 2</td>
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</table>

OR

At least 60 credits from:

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>232.875</td>
<td>Thesis</td>
<td>90</td>
</tr>
<tr>
<td>232.871</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
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<tr>
<td>232.872</td>
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<tr>
<td>232.870</td>
<td>Research Report</td>
<td>60</td>
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</table>

### Earth Science

**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>119.728</td>
<td>Research Practice</td>
<td>15</td>
</tr>
</tbody>
</table>

OR

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>119.729</td>
<td>Research Methods</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>233.701</td>
<td>Advanced Pedology</td>
<td>30</td>
<td>P 189.364</td>
</tr>
<tr>
<td>233.705</td>
<td>Volcanology and Tephrochronology</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>233.706</td>
<td>Environmental Geographical Information Systems</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>233.707</td>
<td>Environmental Remote Sensing</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>233.708</td>
<td>Geochemistry</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>233.709</td>
<td>Advanced Sedimentology</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>233.710</td>
<td>Geology, Hazard and Society; Environmental Geology A</td>
<td>15</td>
<td>P 121.310, 121.311; R 233.756</td>
</tr>
<tr>
<td>233.711</td>
<td>Applied Environmental Geology; Environmental Geology B</td>
<td>15</td>
<td>P 121.310, 121.311; R 233.756</td>
</tr>
<tr>
<td>233.721</td>
<td>Global Climate Change</td>
<td>15</td>
<td>P 145.320 or 233.310; R 145.704, 233.702</td>
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<tr>
<td>233.722</td>
<td>Advanced Quaternary Geology</td>
<td>15</td>
<td>P 233.310, R 233.702</td>
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<tr>
<td>233.799</td>
<td>Research Report</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>247.782</td>
<td>Special Topic</td>
<td>15</td>
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</tr>
<tr>
<td>247.783</td>
<td>Special Topic</td>
<td>15</td>
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</tr>
</tbody>
</table>

### Ecology

**Part One (at least 60 credits)**

At least 60 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>196.712</td>
<td>Aquatic Ecology</td>
<td>30</td>
<td>P 196.313 or 121.313</td>
</tr>
<tr>
<td>196.713</td>
<td>Ecology</td>
<td>30</td>
<td>P 196.3xx or 199.3xx</td>
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<tr>
<td>196.726</td>
<td>Plant Ecology</td>
<td>30</td>
<td>P 196.316</td>
</tr>
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</table>

Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>196.718</td>
<td>Research Report</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>232.701</td>
<td>Conservation Biology</td>
<td>30</td>
<td>R 196.719</td>
</tr>
<tr>
<td>247.782</td>
<td>Special Topic</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>247.783</td>
<td>Special Topic</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

700-level courses from the 120, 199, 232 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>196.899</td>
<td>Thesis</td>
<td>120</td>
</tr>
<tr>
<td>196.897</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
</tr>
<tr>
<td>196.898</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</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>196.875</td>
<td>Thesis</td>
<td>90</td>
</tr>
<tr>
<td>196.871</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
</tr>
<tr>
<td>196.872</td>
<td>Thesis 90 Credit Part 2</td>
<td>45</td>
</tr>
<tr>
<td>196.870</td>
<td>Research Report</td>
<td>60</td>
</tr>
</tbody>
</table>

### Exercise and Sport Science

**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>119.728</td>
<td>Research Practice</td>
<td>15</td>
</tr>
</tbody>
</table>

OR

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>119.729</td>
<td>Research Methods</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>233.701</td>
<td>Advanced Pedology</td>
<td>30</td>
<td>P 189.364</td>
</tr>
<tr>
<td>233.705</td>
<td>Volcanology and Tephrochronology</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>233.706</td>
<td>Environmental Geographical Information Systems</td>
<td>30</td>
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<tr>
<td>233.707</td>
<td>Environmental Remote Sensing</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>233.708</td>
<td>Geochemistry</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>233.709</td>
<td>Advanced Sedimentology</td>
<td>30</td>
<td></td>
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<tr>
<td>233.710</td>
<td>Geology, Hazard and Society; Environmental Geology A</td>
<td>15</td>
<td>P 121.310, 121.311; R 233.756</td>
</tr>
<tr>
<td>233.711</td>
<td>Applied Environmental Geology; Environmental Geology B</td>
<td>15</td>
<td>P 121.310, 121.311; R 233.756</td>
</tr>
<tr>
<td>233.721</td>
<td>Global Climate Change</td>
<td>15</td>
<td>P 145.320 or 233.310; R 145.704, 233.702</td>
</tr>
<tr>
<td>233.722</td>
<td>Advanced Quaternary Geology</td>
<td>15</td>
<td>P 233.310, R 233.702</td>
</tr>
<tr>
<td>233.799</td>
<td>Research Report</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>247.782</td>
<td>Special Topic</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>247.783</td>
<td>Special Topic</td>
<td>15</td>
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</table>

Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.716</td>
<td>Advanced Physical Conditioning</td>
<td>30</td>
<td>R 234.705 and 152.719</td>
</tr>
<tr>
<td>234.717</td>
<td>Advanced Exercise Prescription for Musculoskeletal Conditions</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>234.718</td>
<td>Advanced Exercise Prescription for Cardiopulmonary Conditions</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>234.719</td>
<td>Advanced Topics in Clinical Exercise, Health and Disease</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>234.720</td>
<td>Skeletal Muscle Metabolism</td>
<td>15</td>
<td>R 234.702</td>
</tr>
<tr>
<td>234.721</td>
<td>Muscle Mechanics</td>
<td>15</td>
<td>R 234.751, 234.701</td>
</tr>
<tr>
<td>234.722</td>
<td>Advanced Biomechanics</td>
<td>15</td>
<td>R 234.753 and 234.704</td>
</tr>
<tr>
<td>234.723</td>
<td>Advanced Topics in Exercise Science</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>234.790</td>
<td>Special Topic</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>234.791</td>
<td>Special Topic</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>
Part Two
120 credits from:

- 234.899 Thesis 120 Credit Part 1 60
- 234.898 Thesis 120 Credit Part 2 60  C 234.897

OR
At least 60 credits from:

- 234.875 Thesis 90 45
- 234.871 Thesis 90 Credit Part 1 45  C 234.871

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, 203.305, 203.307, 203.340, 203.342, 203.343
- 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:

- 203.899 Thesis 120
- 203.897 Thesis 120 Credit Part 1 60
- 203.898 Thesis 120 Credit Part 2 60  C 203.897

OR
At least 60 credits from:

- 203.875 Thesis 90 45
- 203.871 Thesis 90 Credit Part 1 45  C 203.871

Horticultural Science
Part One (at least 60 credits)

At least 15 credits from:

- 119.726 Research Practice 15
- 119.729 Research Methods 15

- 162.760 Research Methods and Communication in the Biosciences 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, 283.311, 284.702
- 284.704 Fruit Production Science 15  R 171.722, 171.724, 283.311, 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):

151.708 Nutritional Research Methods 15
151.709 Biometrics for the Animal and Nutritional Sciences 15
151.718 Advanced Topics in Macronutrient Nutrition 15 R 151.742
151.719 Advanced Topics in Micronutrient Nutrition 15 R 151.742

Subject courses:
151.704 Human Nutrition 15 C 151.718 or 151.719
151.707 Food Technology/Nutrition Interface 15
151.712 Special Topic 15
151.713 Special Topic 30
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

Part Two
At least 90 credits from:

151.899 Thesis 120
151.897 Thesis 120 Credit Part 1 60
151.898 Thesis 120 Credit Part 2 60 C 151.897
151.875 Thesis 90
151.871 Thesis 90 Credit Part 1 45
151.872 Thesis 90 Credit Part 2 45 C 151.871

Mathematics

Part One (at least 60 credits)

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
160.737 Studies in Mathematical Physics 15 P Two of 160.301, 160.302, 160.318, 124.332
160.783 Mathematics Project 30
247.792 Special Topic 15
247.783 Special Topic 15

Part Two
120 credits from:

160.899 Thesis 120
160.897 Thesis 120 Credit Part 1 60
160.898 Thesis 120 Credit Part 2 60 C 160.897

OR
At least 60 credits from:

160.875 Thesis 90
160.871 Thesis 90 Credit Part 1 45
160.872 Thesis 90 Credit Part 2 45 C 160.871
160.870 Research Report 60

Medical Laboratory Science

Part One (90 credits)
Compulsory courses:

202.781 Current Topics in Medical Laboratory Science 30

60 credits from:

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
231.701 Theory and Practice of Public Health 30
247.790 Special Topic in Applied Statistics 15
247.791 Special Topic in Data Analysis 15
287.733 Quality Management for Medical Laboratories 30 R 143.796, 287.730

Part Two
202.899 Research Project 45

Microbiology

Part One (at least 60 credits)
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 162.702
162.760 Research Methods and Communication in the Biosciences 30 R 162.750

Subject courses:

162.798 Research Report 30 P Two of 141.311, 162.301, 162.303, 162.304, 162.307, 162.312 or 203.300
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, 122.327, 123.326, 203.307, 203.307, 203.340, 203.342
203.761 Molecular Evolution 15
247.712 Advanced Topics in Molecular Biology 30 P One of 122.303, 122.322, 122.327, 123.326, 203.307, 203.340, 203.342, 203.343
247.782 Special Topic 15
247.783 Special Topic 15

Part Two
120 credits from:

162.899 Thesis 120
162.897 Thesis 120 Credit Part 1 60
162.898 Thesis 120 Credit Part 2 60 C 162.897

OR
At least 60 credits from:

162.875 Thesis 90
162.871 Thesis 90 Credit Part 1 45
162.872 Thesis 90 Credit Part 2 45 C 162.871
162.870 Research Report 60

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:

- 236.899 Thesis 120
- 236.897 Thesis 120 Credit Part 1 60
- 236.898 Thesis 120 Credit Part 2 60 C 236.897

OR

At least 60 credits from:

- 236.875 Thesis 90
- 236.871 Thesis 90 Credit Part 1 45
- 236.872 Thesis 90 Credit Part 2 45 C 236.871

Nutrition and Dietetics

Part One (150 credits)

151.717 Selected Topics in Public Health Nutrition 15
151.741 Research Methods and Statistics for Dietetics 15 R 151.708, 151.709
151.742 Nutrients for Health and Disease 15 R 151.718, 151.719
151.743 Foodservice Management 15
151.744 Clinical Dietetics 1 15
151.745 Clinical Dietetics 2 15 P 151.744
151.746 Communications in Dietetic Practice 15 C 151.746
151.750 Professional Dietetic Practice 45 P 151.744, 151.743, 151.717; C 151.748

Part Two (90 credits)

151.895 Thesis 90
151.891 Thesis 90 Credit Part 1 45
151.892 Thesis 90 Credit Part 2 45 C 151.891

One Health

Part One

Compulsory courses (30 credits):

117.731 Principles of Epidemiology 15
117.732 Epidemiological Techniques for Disease Investigation 15 P 117.731

Subject courses:

117.735 Disease Surveillance Systems Design and Evaluation 15
117.736 Management of Disease in Populations 15
117.737 Disease Control Policy and Economic Evaluation 15 P 117.736

Part Two

At least 45 credits from:

117.831 Research Report (One Health) 45 credit R 117.832
117.832 Research Report (One Health) 60 credit R 117.831

Physics

Part One (at least 60 credits)

Subject courses:

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
124.798 Research Report 30
247.782 Special Topic 15
247.783 Special Topic 15

Part Two

120 credits from:

124.999 Thesis 120
124.997 Thesis 120 Credit Part 1 60
124.998 Thesis 120 Credit Part 2 60 C 124.897

OR

At least 60 credits from:

124.875 Thesis 90
124.871 Thesis 90 Credit Part 1 45
124.872 Thesis 90 Credit Part 2 45 C 124.871
124.870 Research Report 60

Physiology

Part One (at least 60 credits)

At least 15 credits from:

119.728 Research Practice 15
119.729 Research Methods 15
116.760 Research Methods and Communication in the Biosciences 30 R 162.750

Subject courses:

194.703 Neuropsychology and Neuropediatrics 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
194.799 Research Report 30
247.782 Special Topic 15
247.783 Special Topic 15

Part Two

120 credits from:

194.999 Thesis MSc 120
194.997 Thesis 120 Credit Part 1 60
194.998 Thesis 120 Credit Part 2 60 C 194.897

OR

At least 60 credits from:

194.875 Thesis 90
194.871 Thesis 90 Credit Part 1 45
194.872 Thesis 90 Credit Part 2 45 C 194.871
194.870 Research Report 60

Plant Biology

Part One (at least 60 credits)

Compulsory courses (60 credits):

162.760 Research Methods and Communication in the Biosciences 30 R 162.750
120.713 Advanced Topics in Plant Biology 30 P 120.3xx

Subject courses:

120.714 Botanical Evolution 15 P 120.3xx; R 120.711
### 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 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 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 171.754
- 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

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

### 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 175.793; R 175.879

At least 30 credits from:

- 175.739 Health Psychology: Understanding Health and Illness 15
### Subject courses:

- **189.753** Health Psychology: The Social Context 15
- **189.744** Health Psychology: Promoting Health 15

### Part One (at least 60 credits)

- **189.798** Advanced Soil Water Management 15 P 189.252
- **189.798** Research Report 30
- **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
- **233.711** 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

#### Part Two

120 credits from:

- **189.899** Thesis 120
- **189.895** Thesis 120 Credit Part 1 60
- **189.896** Thesis 120 Credit Part 2 60 C 189.895

**OR**

At least 60 credits from:

- **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

### Statistics

#### Part One (at least 60 credits)

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
- **161.726** Extensions to the Linear Model 15
- **161.729** Topics in Applied Statistics 15
- **161.743** Statistical Reliability and Survival Analysis 15
- **161.744** Statistical Genetics 15
- **161.749** Topics in Applied Probability 15
- **161.770** Statistical Consulting 15
- **161.778** Biostatistics for Researchers 15 R 161.331
- **161.780** Statistical Analysis Project 15
- **161.782** Statistical Analysis Project 30
- **247.792** Special Topic 15
- **247.793** Special Topic 15

### 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
- **161.773** Regression for Researchers 15 R 161.320
- **161.776** Statistical Modelling for Researchers 15 P One of 161.200–161.240; R 161.304
- **161.777** Practical Data Mining 15 R 161.223 and 161.324

#### Part Two

120 credits from:

- **161.899** Thesis 120
- **161.897** Thesis 120 Credit Part 1 60
- **161.898** Thesis 120 Credit Part 2 60 C 161.897

### Soil Science

#### Part One (at least 60 credits)

Subject courses:

- **119.710** Nutrient Management in Grazed Pasture Systems 30
- **119.711** Nutrient Management in Arable Systems 15
- **119.791** Special Topic 15
- **119.792** Special Topic 15
- **189.752** Advanced Soil Fertility 30
- **189.753** Soil and Land Evaluation 30 P 189.364
- **189.755** Soil and Water Pollution 30 P 189.363
- **189.757** Advanced Soil Conservation 15 P 189.252

#### Part Two

120 credits from:

- **161.899** Thesis 120
- **161.897** Thesis 120 Credit Part 1 60
- **161.898** Thesis 120 Credit Part 2 60 C 161.897
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

Zoology

Part One (at least 60 credits)

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 198.318; R 199.718

OR

197.819 Animal Behaviour 30 P 199.312

197.871 Animal Behaviour 30 P 199.312

197.872 Animal Behaviour 30 P 199.312

197.870 Animal Behaviour 30 P 199.312

Up to 30 credits at 700-level courses from the prefixes 196, 232.

Special Topic

15 credits from:

199.718 Reproductive Biology 15

194.709 Zoology 15

196.714 Environmental Science 15

197.878 Tropical Ecology 15

196.712 Conservation Biology 15

196.713 Conservation 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 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)

Compulsory course (30 credits):

254.765 Core Theory and Foundations of Specialist Teaching 30

Compulsory course selection (15 credits):

249.770 Supervision and Mentoring in Specialist Teaching 15

249.771 Additional Areas of Specialist Teaching 15

Subject courses:

Autism Spectrum Disorder (90 credits)

249.743 Theory and Foundations of Autism Spectrum Disorder 30

249.749 Evidence-based Interprofessional Practice in Autism Spectrum Disorder 30  P 249.745, 254.765

249.750 Practicum Autism Spectrum Disorder 30  Pr/C 249.749

Blind and Low Vision (90 credits)

249.700 Braille Proficiency 0

249.746 Theory and Foundations of Blind and Low Vision Education 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 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.

---

### The Degree of Master of Speech and Language Therapy

#### MSpchLangTher

**Completion Requirements**

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.

**Unsatisfactory Academic Progress**

9. The general Unsatisfactory Academic Progress regulations will apply.

---

### 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
   - (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.

**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.

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### Schedule for the Master of Speech and Language Therapy

**Part One (120 credits)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>271.710</td>
<td>Evicende-Based Practice in Speech and Language Therapy</td>
<td>30</td>
</tr>
<tr>
<td>271.711</td>
<td>Critical and Current Issues in Speech and Language Therapy</td>
<td>30</td>
</tr>
<tr>
<td>271.712</td>
<td>Theoretical Issues in Speech and Language Therapy</td>
<td>30</td>
</tr>
<tr>
<td>267.781</td>
<td>Research Methods in Professional Practice</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>
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<tr>
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<td>Thesis</td>
<td>120</td>
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<tr>
<td>271.808</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
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<tr>
<td>271.809</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
</tr>
</tbody>
</table>

---

### Schedule for the Master of Sport and Exercise

**Part One (45 credits)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>267.875</td>
<td>Specialist Teaching Professional Inquiry</td>
<td>45</td>
</tr>
</tbody>
</table>

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**Massey University 2018 Calendar**
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;
   (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;
   (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 should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

12. The general Unsatisfactory Academic Progress regulations will apply.
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 highest level courses; 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 for entry into the Thesis Pathway; or
   (d) 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 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 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; or
   (c) any Compulsory Courses listed in the Schedule to the Degree;
   (d) courses selected from the Schedule to the Degree;
   (e) attending field trips, studios, workshops, tutorials, and laboratories as required.

Specialisation
4. The Degree of Master of Supply Chain Management is awarded without Specialisation.

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; or
   (c) attending field trips, studios, workshops, tutorials, and laboratories as required.

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 progression regulations will apply.

Schedule for the Degree of Master of Sport Management

Part I
Compulsory courses (120 credits):

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>152.707</td>
<td>Leading and Changing Organisations</td>
<td>30</td>
</tr>
<tr>
<td>152.752</td>
<td>Project Management</td>
<td>30</td>
</tr>
<tr>
<td>234.731</td>
<td>Advanced Sport in the Social Context</td>
<td>30</td>
</tr>
<tr>
<td>234.732</td>
<td>Advanced Sport Management</td>
<td>30</td>
</tr>
</tbody>
</table>

Part II (60 credits)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.832</td>
<td>Professional Practice in Sport Management</td>
<td>60</td>
</tr>
</tbody>
</table>
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 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 Logistics and Supply Chain Management should they meet the relevant Qualification requirements.

The Degree of Master of Teaching and Learning

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)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>263.760</td>
<td>Pedagogy 1</td>
<td>30</td>
</tr>
<tr>
<td>263.761</td>
<td>Pedagogy 2</td>
<td>30</td>
</tr>
<tr>
<td>263.880</td>
<td>Inquiry 1</td>
<td>30</td>
</tr>
<tr>
<td>263.861</td>
<td>Inquiry 2</td>
<td>30</td>
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</table>

Schedule B Subject courses
Primary Education (60 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>278.760</td>
<td>Primary Curriculum 1</td>
<td>30</td>
</tr>
<tr>
<td>278.761</td>
<td>Primary Curriculum 2</td>
<td>30</td>
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Secondary Education (60 credits)

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<tr>
<td>260.760</td>
<td>Secondary Curriculum 1</td>
<td>30</td>
</tr>
<tr>
<td>260.761</td>
<td>Secondary Curriculum 2</td>
<td>30</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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>
</tbody>
</table>

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...
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.

Honours/Distinction
7. Where a candidate has been granted concession under clause 5, the period of time between the completion of the qualifying programme of study and the commencement of the MTESOLLeadership will be excluded from the completion time considered when determining honours eligibility. Such candidates must surrender the scroll awarded on completion of the qualifying programme of study in order to be eligible for honours.

8. A degree completed with concession under clauses 5 or 6 may be awarded with Distinction if it is completed at a superior standard (equivalent to First class Honours) within one year of first enrolling for full-time study or within three years of first enrolling for part-time study.

The Degree of Master of Veterinary Medicine

MVM

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>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>118.751</td>
<td>Canine and Feline Oncology</td>
<td>15</td>
</tr>
<tr>
<td>118.752</td>
<td>Canine and Feline Gastroenterology</td>
<td>15</td>
</tr>
</tbody>
</table>

Equine

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>118.777</td>
<td>Veterinary Clinical Reproduction and Fertility</td>
<td>15</td>
</tr>
</tbody>
</table>

Production Animal

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>118.776</td>
<td>Laminence Investigation and Control for Cattle Veterinarians</td>
<td>15</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, 118.715 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
BACHELOR’S HONOURS DEGREES

The Degree of Bachelor of Arts with Honours .................. 155
The Degree of Bachelor of Business Studies with Honours* ........ 158
The Degree of Bachelor of Communication with Honours ........... 159
The Degree of Bachelor of Health Science with Honours* ........... 160

* No new enrolments

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):
149.790 Research Methods in Defence and Security Studies 30
149.798 Research Report 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
149.710 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
149.799 Research Report 60

Economics
One course from the following (30 credits):
125.785 Research Methods in Economics and Finance 30
178.732 Advanced Econometrics 30
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 178.200 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

178.755 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 233.310; R 145.704, 233.702

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>
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<tbody>
<tr>
<td>154.719</td>
<td>Media, Entertainment and Ethics</td>
<td>30</td>
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<tr>
<td>154.747</td>
<td>Media Practice and Global Culture</td>
<td>30</td>
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<tr>
<td>219.705</td>
<td>Advanced News Media Processes</td>
<td>30</td>
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### Philosophy

**Compulsory courses (30 credits):**

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<tbody>
<tr>
<td>134.710</td>
<td>Philosophical Research</td>
<td>30</td>
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And one of:

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>134.798</td>
<td>Research Report (30)</td>
<td>30</td>
</tr>
<tr>
<td>134.799</td>
<td>Research Report (60)</td>
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</table>

**Subject courses:**

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<th>Course Title</th>
<th>Credits</th>
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<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>
</tbody>
</table>

### Politics

**Compulsory courses (120 credits):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>178.702</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>200.798</td>
<td>Research Report (30)</td>
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</table>

### Psychology

**Compulsory courses (45 credits):**

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</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>
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</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>175.724</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>
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<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>
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<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>175.751</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>
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### Social Anthropology

**Compulsory courses (60 credits):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course 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>

**And one of:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>146.798</td>
<td>Research Report (60)</td>
<td>60</td>
</tr>
<tr>
<td>146.799</td>
<td>Research Report (30)</td>
<td>30</td>
</tr>
</tbody>
</table>

### Social Policy

**Compulsory courses (120 credits):**

<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>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>
<tr>
<td>279.796</td>
<td>Research Report (30)</td>
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</table>

### Sociology

**Compulsory courses (90 credits):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>176.701</td>
<td>Current Issues and Theories</td>
<td>30</td>
</tr>
<tr>
<td>176.702</td>
<td>Advanced Social Inquiry</td>
<td>30</td>
</tr>
<tr>
<td>176.799</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>176.711</td>
<td>Sociology of Underdevelopment</td>
<td>30</td>
</tr>
<tr>
<td>176.715</td>
<td>Culture and New Zealand Society</td>
<td>30</td>
</tr>
<tr>
<td>176.718</td>
<td>Environmental Sociology</td>
<td>30</td>
</tr>
</tbody>
</table>

### Spanish

**Compulsory courses: (90 credits):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course 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>

**Research report:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>245.798</td>
<td>Research Report</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 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;
   - (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>Subject</th>
<th>Code</th>
<th>Credit</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>Subject</th>
<th>Code</th>
<th>Credit</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>110.717</td>
<td>Research Methods in Accounting</td>
<td>30</td>
</tr>
</tbody>
</table>

#### Business Information Systems

Compulsory research report (30 credits):

<table>
<thead>
<tr>
<th>Subject</th>
<th>Code</th>
<th>Credit</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>Subject</th>
<th>Code</th>
<th>Credit</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>Subject</th>
<th>Code</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>178.799</td>
<td>Research Project</td>
<td>30</td>
</tr>
<tr>
<td>178.781</td>
<td>Research Project Part 1</td>
<td>15</td>
</tr>
<tr>
<td>178.782</td>
<td>Research Project Part 2</td>
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Subject courses:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Code</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<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>
<tr>
<td>178.718</td>
<td>Health Economics</td>
<td>30</td>
</tr>
<tr>
<td>178.724</td>
<td>Applied Econometric Methods</td>
<td>15</td>
</tr>
<tr>
<td>178.732</td>
<td>Advanced Econometrics</td>
<td>30</td>
</tr>
<tr>
<td>178.740</td>
<td>Global Food Markets and Trade</td>
<td>15</td>
</tr>
<tr>
<td>178.741</td>
<td>Research Methods in AgriCommerce</td>
<td>15</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>178.775</td>
<td>The Economics of Knowledge and Innovation</td>
<td>30</td>
</tr>
</tbody>
</table>

#### Finance

Compulsory research report selection

At least 30 credits from:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Code</th>
<th>Credit</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>30</td>
</tr>
</tbody>
</table>
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) at least 30 approved credits from: 139.703 Critical and Creative Research, 154.704 Researching Media and Cultural Studies, 156.776 Business and Sustainability Management, 156.780 Advanced International Finance, 152.709 Research Methods in Economics and Finance;

   (c) at least 45 credits of 156.3xx or 60 credits of 156.7xx or Permission Head of School; and
   (d) have achieved at least 15 credits at 300 level with a B grade average in the intended secondary subject area.

Valuation and Property Management

No new enrolments from 2017.
Research Methods in Marketing, 219.790 Research Methods in Communication;

(d) at least 30 credits of taught courses from a secondary subject area in the Schedule to the Bachelor of Communication (Honours).

Specialisations

3. Students whose primary subject area is Communication Management, Journalism Studies, Marketing Communication or Public Relations must select Expressive Arts, Linguistics, or Media Studies as their secondary area of study.

4. Students whose primary subject area is Expressive Arts, Linguistics, or Media Studies must select Communication Management, Journalism Studies, Marketing Communication or Public Relations as their secondary area of study.

5. The Bachelor of Communication (Honours) will be awarded with a subject in the primary area of study.

Student Progression

6. In cases of sufficient merit, the Bachelor of Communication (Honours) may be awarded with a specified 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 Arts should they meet the relevant qualification requirements.

Unsatisfactory Academic Progress

9. The general Unsatisfactory Academic Progress regulations will apply.

Schedule to the Degree of Bachelor of Communication with Honours

Communication Management

219.702 Management Communication 30
219.703 Advanced Business Communication 30
219.704 Advanced Cross-Cultural Communication 30
219.799 Research Report 30

Expressive Arts

139.763 Community Theatre 30
139.765 New Directions in Creative Writing 30
139.799 Research Report (30) 30

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.

Qualification Requirements

2. 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; and including
   (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. Candidates for the Degree of Bachelor of Health Science with Honours must complete the requirements for one subject.

4. The requirements for each subject are set out in the Schedule for the Degree.
5. Subjects available are: Environmental Health, Maori 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):

- 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
- 252.702 Sleep, Fatigue Risk Management and Occupational Safety and Health 30

Maori Health

Compulsory course (30 credits):

- 150.799 Research Report (30) 30

30 credits from:

- 150.714 Ta Te Māori Rangahau Kōrero: Māori Research Methodologies 30
- 168.711 Health Research Design and Method 30

Subject courses:

- 150.701 Tino Rangatiratanga: Strategic Māori Development 30
- 150.702 Māori Ora: Māori Mental Health 30
- 231.704 Māori Health 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

Rehabilitation

Compulsory courses (90 credits):

- 147.701 Rehabilitation Theory and Practice 30
- 168.810 Health Research Design and Method 30
- 147.799 Research Report (30) 30

Subject courses:

- 147.702 Rehabilitation Counselling 30
- 147.703 Vocational and Rehabilitation Counselling 30
- 147.704 Drugs and Society 30
- 147.705 Education and Rehabilitation of the Visually Impaired 30
- 231.704 Māori Health 30

Sport and Exercise

Compulsory course (30 credits):

- 234.799 Research Report (30) 30

At least 15 credits from:

- 119.728 Research Practice 15
- 168.711 Health Research Design and Method 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

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The Degree of Bachelor of Information Sciences with Honours
BlnfSc(Hons)

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;
   and including:
   (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):

<table>
<thead>
<tr>
<th>Code</th>
<th>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>

Specialist courses (90 credits):

<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>
<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>159.738</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>159.739</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>159.740</td>
<td>Studies in Intelligent Systems</td>
<td>15</td>
</tr>
</tbody>
</table>

Information Technology

Compulsory courses (30 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>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></td>
<td></td>
<td>P 158.780</td>
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</tbody>
</table>

Specialist courses (90 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>158.750</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>159.738</td>
<td>Special Topic</td>
<td>15</td>
</tr>
<tr>
<td>159.739</td>
<td>Special Topic</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;
   and including:
   (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 completing 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>238.708</td>
<td>Research Report</td>
<td>30</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>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 R 162.750</td>
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</table>

Subject Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>117.761</td>
<td>Ruminant Livestock Feeding</td>
<td>15 P 117.342 or 117.371 or 117.381</td>
<td></td>
</tr>
<tr>
<td>117.762</td>
<td>Intensive Livestock Feeding</td>
<td>15 P 117.342</td>
<td></td>
</tr>
<tr>
<td>117.764</td>
<td>Growth and Meat Science</td>
<td>15 P 117.344</td>
<td></td>
</tr>
<tr>
<td>117.765</td>
<td>Genetics and Breeding</td>
<td>15 P 117.345</td>
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<td>117.766</td>
<td>Reproduction and Fertility</td>
<td>15 P 117.347</td>
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<tr>
<td>117.768</td>
<td>Metabolism and Endocrinology</td>
<td>15 P 117.348</td>
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<td>117.769</td>
<td>Lactation and Milk Production</td>
<td>15 P 117.347</td>
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<tr>
<td>117.771</td>
<td>Dairy Production</td>
<td>15 P 117.351 or 117.371 or 117.381</td>
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<tr>
<td>117.772</td>
<td>Sheep Production</td>
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Software Engineering

Compulsory courses (30 credits):

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<td>Information Technology Project Part 1</td>
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<td>Information Technology Project Part 2</td>
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Computer Science Component (45 credits)

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<td>159.731</td>
<td>Studies in Computer Vision</td>
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<tr>
<td>159.732</td>
<td>Studies in Computer Programming</td>
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<tr>
<td>159.735</td>
<td>Studies in Parallel and Distributed Systems</td>
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<td>Studies in Operating Systems and Architecture</td>
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Information Technology Component (45 credits)

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<td>Implementation and Management of Systems Security</td>
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<td>158.751</td>
<td>Object-Oriented Software Development – Theory and Practice</td>
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<td>158.752</td>
<td>Agile Software Engineering</td>
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<td>158.753</td>
<td>Rapid Application Development</td>
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<td>158.755</td>
<td>Data Science – Making Sense of Data</td>
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<td>158.757</td>
<td>User Interface Design and Evaluation</td>
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<td>158.758</td>
<td>Mobile Systems Development</td>
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<tr>
<td>158.762</td>
<td>Software Quality and Reliability</td>
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Back to Contents
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, 122.303, 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
124.712 Advanced Topics in Molecular Biology 30 P One of 122.303, 122.322, 123.326, 194.346, 203.300, 203.307, 203.340, 203.342, 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, 123.326, 203.307, 203.340, 203.342, 203.343
162.798 Research Report 30 P Two of 141.311, 162.301, 162.303, 162.304, 162.307, 162.312 or 203.300
194.799 Research Report 30
199.798 Research Report 30
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<th>Pre-requisites</th>
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<td>120.713</td>
<td>Advanced Topics in Plant Biology</td>
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<td>P 120.3xx</td>
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<td>120.714</td>
<td>Botanical Evolution</td>
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<td>P 120.3xx; R 120.711</td>
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<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>
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<td>122.703</td>
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<td>Advanced Topics in Biochemistry</td>
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<td>Research Methods and Communication in the Biosciences</td>
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<td>Neurophysiology and Neuroendocrinology</td>
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<td>194.704</td>
<td>Reproductive Physiology</td>
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<td>194.705</td>
<td>Digestive Physiology</td>
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<td>194.707</td>
<td>Perinatal Physiology</td>
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<td>194.709</td>
<td>Conservation Endocrinology and Reproductive Biology</td>
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<td>194.731</td>
<td>Animal Welfare Science</td>
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<td>194.732</td>
<td>Advanced Cell Physiology</td>
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<td>196.712</td>
<td>Aquatic Ecology</td>
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<td>P 196.313 or 121.313</td>
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<td>Ecology</td>
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<td>P 196.3xx or 199.3xx</td>
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<td>196.726</td>
<td>Plant Ecology</td>
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<td>P 196.316</td>
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<td>199.714</td>
<td>Animal Behaviour</td>
<td>30</td>
<td>P 199.312</td>
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<tr>
<td>199.717</td>
<td>Entomology</td>
<td>30</td>
<td>P 199.310 or 285.301</td>
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<tr>
<td>199.719</td>
<td>Topics in Biodiversity</td>
<td>15</td>
<td>P 199.317 or 120.303 or 198.318; R 199.718</td>
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<td>203.761</td>
<td>Molecular Evolution</td>
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<td>232.701</td>
<td>Conservation Biology</td>
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<td>R 196.719</td>
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<td>Special Topic Applied Statistics</td>
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Chemistry

Compulsory courses (60 credits):

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<th>Pre-requisites</th>
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<tbody>
<tr>
<td>123.711</td>
<td>Research Methods in Chemistry and Nanoscience</td>
<td>30</td>
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<tr>
<td>123.798</td>
<td>Research Report</td>
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Subject courses:

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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Pre-requisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>123.712</td>
<td>Advanced Nanoscience and Physical Chemistry</td>
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<td>123.713</td>
<td>Advanced Chemical Synthesis</td>
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<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>
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<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>
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Computer Science

Compulsory courses (30 credits):

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<th>Course Title</th>
<th>Credits</th>
<th>Pre-requisites</th>
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<td>Project</td>
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<td>Project</td>
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Subject courses:

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<td>Advanced Computer Systems</td>
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<tr>
<td>159.704</td>
<td>Systems Programming</td>
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Earth Science

Compulsory course (30 credits):

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<th>Pre-requisites</th>
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<td>Research Report</td>
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Subject courses:

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<th>Pre-requisites</th>
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<td>233.701</td>
<td>Advanced Pedology</td>
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<td>233.705</td>
<td>Volcanology and Tephrochronology</td>
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<td>233.706</td>
<td>Environmental Geographical Information Systems</td>
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<td>233.707</td>
<td>Environmental Remote Sensing</td>
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<tr>
<td>233.708</td>
<td>Geochemistry</td>
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<tr>
<td>233.709</td>
<td>Advanced Sedimentology</td>
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<td>233.710</td>
<td>Geology; Hazard and Society; Environmental Geology A</td>
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<td>Applied Environmental Geology; Environmental Geology B</td>
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<td>P 121.310 or 121.311; R 233.756</td>
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<td>233.721</td>
<td>Global Climate Change</td>
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<td>P 145.320 or 233.310; R 145.704, 233.702</td>
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<td>233.722</td>
<td>Advanced Quaternary Geology</td>
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May include 15 credits from:

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<td>Research Practice</td>
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<tr>
<td>119.729</td>
<td>Research Methods</td>
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Ecology

Compulsory course (30 credits):

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<tr>
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At least 60 credits from:

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<th>Pre-requisites</th>
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<tr>
<td>196.712</td>
<td>Aquatic Ecology</td>
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<td>P 196.313 or 121.313</td>
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<td>196.713</td>
<td>Ecology</td>
<td>30</td>
<td>P 196.3xx or 199.3xx</td>
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<td>Plant Ecology</td>
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<td>P 196.316</td>
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Subject courses:

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<th>Pre-requisites</th>
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<tbody>
<tr>
<td>120.713</td>
<td>Advanced Topics in Plant Biology</td>
<td>30</td>
<td>P 120.3xx</td>
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<tr>
<td>120.714</td>
<td>Botanical Evolution</td>
<td>15</td>
<td>P 120.3xx; R 120.711</td>
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<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>
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<tr>
<td>199.714</td>
<td>Animal Behaviour</td>
<td>30</td>
<td>P 199.312</td>
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<td>199.717</td>
<td>Entomology</td>
<td>30</td>
<td>P 199.310 or 285.301</td>
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<td>199.719</td>
<td>Topics in Biodiversity</td>
<td>15</td>
<td>P 199.317 or 120.303 or 198.318; R 199.718</td>
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<tr>
<td>232.701</td>
<td>Conservation Biology</td>
<td>30</td>
<td>R 196.719</td>
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<td>232.703</td>
<td>Wildlife Management</td>
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<td>232.704</td>
<td>Wildlife Disease</td>
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<td>Captive Breeding and Management</td>
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## Exercise and Sport Science

Compulsory course (30 credits):

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15 credits from:

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<td>Research Practice</td>
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<td>119.729</td>
<td>Research Methods</td>
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<td>151.709</td>
<td>Biometrics for the Animal and Nutritional Sciences</td>
<td>15</td>
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<td>234.771</td>
<td>Research Methods in Sport and Exercise</td>
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Subject courses:

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<td>234.716</td>
<td>Advanced Physical Conditioning</td>
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<td>Advanced Exercise Prescription for Musculoskeletal Conditions</td>
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<td>234.718</td>
<td>Advanced Exercise Prescription for Cardiopulmonary Conditions</td>
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<td>234.719</td>
<td>Advanced Topics in Clinical Exercise, Health and Disease</td>
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<td>Skeletal Muscle Metabolism</td>
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<td>Muscle Mechanics</td>
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### Genetics

Compulsory courses (90 credits):

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<td>Genetic Analysis</td>
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<td>Research Report</td>
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Subject courses:

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<td>Advanced Topics in Evolutionary Genetics</td>
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<td>122.703</td>
<td>Gene Expression</td>
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<td>122.713</td>
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<td>161.744</td>
<td>Statistical Genetics</td>
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<td>Molecular Evolution</td>
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<td>247.712</td>
<td>Advanced Topics in Molecular Biology</td>
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### Geography

Compulsory course (30 credits):

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At least 60 credits from:

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<td>145.731</td>
<td>Applied Fluvial Geomorphology</td>
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<td>145.732</td>
<td>Landslide Investigation and Management</td>
<td>15</td>
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<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>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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>233.721</td>
<td>Global Climate Change</td>
<td>15</td>
</tr>
</tbody>
</table>

### Horticultural Science

Compulsory course (30 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>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>Course 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>119.729</td>
<td>Research Methods</td>
<td>15</td>
</tr>
</tbody>
</table>

Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>122.703</td>
<td>Gene Expression</td>
<td>30</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>
<tr>
<td>283.707</td>
<td>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>285.742</td>
<td>Advanced Plant Protection</td>
<td>30</td>
</tr>
</tbody>
</table>

### Human Nutrition

Compulsory courses (90 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>151.704</td>
<td>Human Nutrition</td>
<td>15</td>
</tr>
</tbody>
</table>

Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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>
</tbody>
</table>

### Mathematics

Compulsory course (30 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.783</td>
<td>Mathematics Project</td>
<td>30</td>
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Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>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>

P Prerequisite  C Corequisite  R Restriction 166 MASSEY UNIVERSITY 2018 CALENDAR
Microbiology
Compulsory courses (90 credits):

162.704 Current Topics in Microbiology 30

162.760 Research Methods and Communication in the Biosciences 30

162.798 Research Report 30

Subject courses:

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

Subject courses:

122.703 Gene Expression 30

122.704 Molecular Cell Biology 30

122.713 Advanced Topics in Biochemistry 15

123.712 Advanced Nanoscience and Physical Chemistry 30

123.713 Advanced Chemical Synthesis 30

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

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

Plant Biology
Compulsory courses (90 credits):

120.713 Advanced Topics in Plant Biology 30

120.798 Research Report 30

Subject courses:

120.714 Botanical Evolution 15

120.715 Advanced Topics in Evolutionary Genetics 30

122.703 Gene Expression 30

122.704 Molecular Cell Biology 30

162.704 Current Topics in Microbiology 30

203.761 Molecular Evolution 15

203.762 Genetic Analysis 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 \( P \) 175.203 and either 175.205 or 175.206
- 175.725 Advanced Social Psychology 30
- 175.726 Principles of Clinical Neuropsychology 15
- 175.727 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
- 175.735 Occupational Psychology 15
- 175.736 Health Psychology: Understanding Health and Illness 15
- 175.740 Occupational Health Psychology 15
- 175.741 Psychological Assessment in Organisations 15
- 175.742 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

### Soil Science

**Compulsory course (30 credits):**

- 189.798 Research Report 30

**Subject courses:**

- 119.710 Nutrient Management in Grazed Pasture Systems 30
- 119.711 Nutrient Management in Arable Systems 15
- 189.752 Advanced Soil Fertility 30
- 189.753 Soil and Land Evaluation 30 \( P \) 189.364
- 189.755 Soil and Water Pollution 30 \( P \) 189.363
- 189.757 Advanced Soil Conservation 15 \( P \) 189.252
- 189.758 Advanced Soil Water Management 15 \( P \) 189.252
- 233.701 Advanced Pedology 30 \( P \) 189.364
- 233.705 Volcanology and Tephrochronology 30

### Statistics

**Compulsory courses (45 credits):**

- 161.705 Advanced Statistical Inference 15
- 161.782 Statistical Analysis Project 30

**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

**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

**Compulsory course (30 credits):**

- 199.798 Research Report 30

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

Up to 30 credits from:

- 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 \( P \) 196.3xx or 199.3xx
- 196.726 Plant Ecology 30 \( P \) 196.316
- 232.701 Conservation Biology 30 \( R \) 196.719

### Schedule B

- 247.795 BSc Honours Research Portfolio 90
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 including:
   (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):

234.711 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
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The Degree of Bachelor of Business ............................................ 192
The Degree of Bachelor of Commercial Music ............................. 197
The Degree of Bachelor of Communication .................................. 198
The Degree of Bachelor of Construction ...................................... 201
The Degree of Bachelor of Creative Media Production .................. 203
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The Degree of Bachelor of Information Sciences ............................ 226

* No new enrolments

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The Degree of Bachelor of Medical Laboratory Science* ............. 230
The Degree of Bachelor of Natural Sciences* ............................ 231
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The Degree of Bachelor of Retail and Business Management ......... 236
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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 Accountancy requires that the candidate will meet the University admission requirements as specified.

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, 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.

Student Progression
4. Progression requirements as specified in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

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.

Unsatisfactory 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 the Part I regulations for the degree, candidates who commenced study towards the Bachelor of Accountancy prior to 1 January 2017 may be permitted to substitute courses already completed towards the Bachelor of Accountancy core for current core course requirements. Such candidates may also be exempted from the requirement to complete 110.309 and may be permitted to substitute: 219.202 or 219.203 for 115.111; and 115.101 for 161.101 or 161.120. These transition arrangements expire 31 December 2020.
<table>
<thead>
<tr>
<th>Schedule A</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Core courses for the Degree of Bachelor of Accountancy (270 credits)</strong></td>
</tr>
<tr>
<td>110.109 Introductory Financial Accounting</td>
</tr>
<tr>
<td>110.209 Intermediate Financial Accounting</td>
</tr>
<tr>
<td>110.229 Management Accounting</td>
</tr>
<tr>
<td>110.249 Accounting Information Systems</td>
</tr>
<tr>
<td>110.279 Auditing</td>
</tr>
<tr>
<td>110.289 Taxation</td>
</tr>
<tr>
<td>110.303 Integrative Accounting</td>
</tr>
<tr>
<td>110.309 Advanced Financial Accounting</td>
</tr>
<tr>
<td>115.111 Strategic Workplace Communication</td>
</tr>
<tr>
<td>115.112 Accounting for Business</td>
</tr>
<tr>
<td>115.113 Economics of Business</td>
</tr>
<tr>
<td>115.114 Finance Fundamentals</td>
</tr>
<tr>
<td>115.115 Management in Context</td>
</tr>
<tr>
<td>115.116 Introduction to Marketing</td>
</tr>
<tr>
<td>115.211 Business Law</td>
</tr>
<tr>
<td>125.230 Business Finance</td>
</tr>
<tr>
<td>155.203 Law of Business Organisations</td>
</tr>
<tr>
<td>155.210 Commercial Law</td>
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<table>
<thead>
<tr>
<th>Schedule B</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Accountancy and Finance courses for Bachelor of Accountancy (45 credits)</strong></td>
</tr>
<tr>
<td>(i) At least 15 credits from:</td>
</tr>
<tr>
<td>110.329 Advanced Management Accounting</td>
</tr>
<tr>
<td>110.379 Advanced Auditing</td>
</tr>
<tr>
<td>(ii) Up to 30 credits from:</td>
</tr>
<tr>
<td>110.389 Forensic Accounting</td>
</tr>
<tr>
<td>110.388 Advanced Taxation</td>
</tr>
<tr>
<td>(iii) No more than 15 credits from:</td>
</tr>
<tr>
<td>125.320 International Finance</td>
</tr>
<tr>
<td>125.330 Advanced Business Finance</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Schedule C</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Numeracy courses for Bachelor of Accountancy (15 credits)</strong></td>
</tr>
<tr>
<td>15 credits from:</td>
</tr>
<tr>
<td>161.101 Statistics for Business</td>
</tr>
</tbody>
</table>

### 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)
112.248 Food and Agribusiness Value Chains 15 P 119.180
115.112 Accounting for Business 15 R 115.102
115.113 Economics of Business 15 R 115.106
115.114 Finance Fundamentals 15 R 115.105
115.116 Introduction to Marketing 15 R 115.104
115.211 Business Law 15 P 90 credits at 100 level; R 115.103
119.150 Practicum I 0
119.180 Introduction to Agribusiness 15 P 119.156
119.250 Practicum II 0 P 119.150
161.140 Agri-Statistics 15 R 161.100, 161.101, 161.120, 161.130, 115.101, 195.101

15 credits from:
239.373 AgriCommerce Capstone 15 C 112.302, R 112.301, 119.373
119.373 Integrative Studies 15

Part Two (75 credits)

Option I: Core Courses for Farm Management and Rural Valuation
119.151 Soil Properties and Processes 15 P 119.153 or 123.101 or 120 credits; R 189.142
283.101 Plants in Agriculture 15 R 171.102
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

15 credits from:
117.152 Animals and Agriculture 15 R 117.151 and 199.101
284.101 Production Horticulture 15 R 171.127, 171.128

15 credits from:
119.231 Agricultural and Horticultural Infrastructure 15 R 138.382, 218.274, 138.331
127.242 Introduction to Property Valuation 15 R 127.255
138.255 Engineering Principles in Food and Fibre Production 15
152.261 International Business 15

Schedule B – Specialisation Courses

Agricultural Economics Major
Compulsory courses (45 credits):
178.201 Intermediate Microeconomics 15 P 115.106 or 115.113
178.242 Land Economics 15 P Any 178.1xx course or 115.106 or 115.113
178.280 Introduction to Econometrics 15 P 161.101 or 115.101, and 115.113 or 115.106

Subject courses:
112.302 Food and Agribusiness Strategies 15 P 112.248
178.301 Advanced Microeconomics 15 P 178.201
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

Agricultural Economics Minor
Any combination of the major courses.

Farm Management Major
Compulsory courses (90 credits):
119.358 Agricultural Production Systems 15 C 119.381; R 119.357
119.381 Decision-Making in Primary Industry 15 P One of 111.231, 111.251, 119.281; R 111.357
Opportunity Analysis in Primary Industry 119.382

Maximum 15 credits from:
117.254 Principles of Animal Science and Production 15
P 194.101 or 199.101 or 119.154 or 117.152
285.201 Understanding Plant Protection 15
P 120.101 or 283.101 or 284.101; R 171.284

Maximum 15 credits from:
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

Maximum 15 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

Food Economies and Society Major
No new enrolments in this major from 2014.
Compulsory course (15 credits):
146.209 Food and Eating 15

Compulsory course (45 credits):
131.321 Strategies for Sustainable Development 15
145.311 Geographies of Globalisation 15
176.308 Sociology of the Environment 15
178.358 International Trade in Agri-food Products 15
P Any 178.1xx course or 119.156; R 178.352

Subject courses:
112.248 Food and Agribusiness Value Chains 15
P 119.180
119.258 Agricultural Systems 15
P 119.281
131.121 Rich World, Poor World 15
145.213 Resource Conservation and Sustainability 15
R 145.315

Food Economies and Society Minor
131.121, 131.321 and 146.209 and 15 credits from 145.213, 145.311 and 176.308.

Food Marketing and Retailing Major
Compulsory course (75 credits):
112.302 Food and Agribusiness Strategies 15
P 112.248
156.231 Strategic Marketing Management 15
P 115.104 or 115.116 or 156.200
156.232 Consumer Behaviour 15
P 115.104 or 156.200 or 75 credits for non-Business students
156.334 Marketing Consultancy Project 15
P 156.231 and any 156.2xx course
156.339 Omni-Channel Retail Marketing 15
P 156.231 or 290.2xx

Subject courses (15 credits):
156.338 International Marketing 15
P 156.231 and 156.232

156.341 Branding 15
P 156.231 and 156.232

Food Marketing and Retailing Minor
156.231 and 156.339 plus any combination of the major courses.

International Agribusiness Major
Compulsory courses (45 credits):
112.301 International Food and Agribusiness Strategies 15
P 112.248
112.302 Food and Agribusiness Strategies 15
P 112.248
178.358 International Trade in Agri-food Products 15
P Any 178.1xx course or 119.156; R 178.357

Compulsory courses (45 credits):
125.230 Business Finance 15
P 115.114 or 115.105
152.230 Entrepreneurship 15
156.231 Strategic Marketing Management 15
P 115.104 or 115.116 or 156.200
156.238 Marketing New Products 15
P 115.104 or 115.116 or 156.200
188.263 Environmental Science II 15
P 121.103

International Agribusiness Minor
112.302, 178.358 plus any combination of the major courses.

Māori Agribusiness Major
Compulsory courses (90 credits):
119.381 Decision-Making in Primary Industry 15
P 119.281 or 111.251 or 111.231; R 111.351
235.211 Māori Agribusiness Systems 15
235.311 Māori Policy and Agribusiness 15
P 150.201
235.312 Case Studies in Māori Agribusiness 15
P 235.211
150.201 Treaty of Waitangi: The Treaty of Waitangi in New Zealand Society 15
R 289.274
152.270 Te Whanaketanga o te Pakihi Māori: Advanced Māori Business Development and Management 15

Māori Agribusiness Minor
235.211, 235.312 and any combination of the major courses.

Rural Valuation Major
Compulsory courses (90 credits):
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 111.351 or 119.381; R 111.352, 127.355
127.356 Rural Valuation 15
P 127.242 or 127.255
132.221 Planning Studies 15
156.201 Law of Property 15
P 115.103 or 156.202 or 115.211; R 155.216, 155.700
218.172 Construction Technology Residential 15

Rural Valuation Minor
127.356 and any combination of the major courses.

The Degree of Bachelor of AgriScience
BAgriScience

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.

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### 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

7. Approved majors are: Agriculture, Equine, and Horticulture.

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</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>119.150</td>
<td>Practicum I</td>
<td>0</td>
</tr>
<tr>
<td>119.250</td>
<td>Practicum II</td>
<td>0 P 119.150</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</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.113</td>
<td>Economics of Business</td>
<td>15 R 115.106</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 R 123.101, 123.103, 124.100</td>
</tr>
<tr>
<td>119.154</td>
<td>Molecules to Ecology</td>
<td>15 P 119.150, R 182.101, 162.103</td>
</tr>
<tr>
<td>119.180</td>
<td>Introduction to Agribusiness</td>
<td>15 R 119.156</td>
</tr>
<tr>
<td>145.121</td>
<td>Introduction to Physical Geography</td>
<td>15</td>
</tr>
</tbody>
</table>

#### Schedule B: Specialisations

### Agriculture Major (150 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>117.152</td>
<td>Animals and Agriculture</td>
<td>15 R 117.151, 199.101</td>
</tr>
<tr>
<td>189.151</td>
<td>Soil Properties and Processes</td>
<td>15 R 119.150 or 123.101 or 120 credits; R 189.142</td>
</tr>
<tr>
<td>283.101</td>
<td>Plants in Agriculture</td>
<td>15 R 171.102</td>
</tr>
<tr>
<td>117.254</td>
<td>Principles of Animal Science and Production</td>
<td>15 P 194.101 or 199.101 or 119.154 or 117.152</td>
</tr>
<tr>
<td>119.258</td>
<td>Agricultural Systems</td>
<td>15 R 119.281</td>
</tr>
<tr>
<td>189.251</td>
<td>Soil Fertility and Fertilisers</td>
<td>15 R 189.151 or 189.142</td>
</tr>
<tr>
<td>283.201</td>
<td>Pasture and Crop Agronomy</td>
<td>15 P 283.101 or 120.101; R 171.202</td>
</tr>
<tr>
<td>119.358</td>
<td>Agricultural Production Systems</td>
<td>15 C 119.381; R 119.357</td>
</tr>
</tbody>
</table>

30 credits from two subject areas:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>117.371</td>
<td>Animal Production</td>
<td>15 R 117.254; R 117.351, 117.352, 117.353, 117.354, 117.355 and 117.346</td>
</tr>
<tr>
<td>117.381</td>
<td>Solving Problems in Animal Production</td>
<td>15 R 117.254</td>
</tr>
<tr>
<td>189.362</td>
<td>Soil Fertility and the Environment</td>
<td>15 R 189.251 or 189.275</td>
</tr>
<tr>
<td>189.363</td>
<td>Soil Resources and Sustainable Land Use</td>
<td>15 P 189.251 or 189.252 or 233.210 or 233.310</td>
</tr>
<tr>
<td>119.365</td>
<td>Studies in Soil Science</td>
<td>15 R 189.251 or 189.252</td>
</tr>
<tr>
<td>283.301</td>
<td>Pasture Production and Practice</td>
<td>15 R 171.202 or 283.201; R 171.301</td>
</tr>
<tr>
<td>283.305</td>
<td>Arable Production and Technology</td>
<td>15 R 171.202 or 283.201 or 120.101 or 171.202 or 283.101; R 171.305</td>
</tr>
<tr>
<td>283.311</td>
<td>Controlling Weeds</td>
<td>15 R 120.101 or 171.102 or 283.101; R 171.358</td>
</tr>
<tr>
<td>283.321</td>
<td>Trees on Farms</td>
<td>15 R 171.304</td>
</tr>
</tbody>
</table>

### Equine Major (150 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>283.101</td>
<td>Plants in Agriculture</td>
<td>15 R 171.102</td>
</tr>
<tr>
<td>286.101</td>
<td>Equine Production</td>
<td>15 R 117.154, 117.257</td>
</tr>
<tr>
<td>286.131</td>
<td>Introduction to Equine Nutrition and Health</td>
<td>15 R 117.161</td>
</tr>
<tr>
<td>119.258</td>
<td>Agricultural Systems</td>
<td>15 P 119.281</td>
</tr>
<tr>
<td>286.211</td>
<td>Equine Reproduction and Breeding</td>
<td>15 R 117.258</td>
</tr>
<tr>
<td>286.221</td>
<td>Structure and Function of the Equine Athlete</td>
<td>15 R 119.154 or 286.131 or 117.161 or 214.171; R 117.259</td>
</tr>
<tr>
<td>286.222</td>
<td>The Equine Lower Limb</td>
<td>15 P 286.131 or 117.161 or 117.154; R 117.260, 117.171</td>
</tr>
<tr>
<td>286.251</td>
<td>Equine Behaviour, Training and Welfare</td>
<td>15 R 117.256</td>
</tr>
<tr>
<td>119.358</td>
<td>Agricultural Production Systems</td>
<td>15 C 119.381; R 119.357</td>
</tr>
<tr>
<td>286.321</td>
<td>Responses to Training in the Equine Athlete</td>
<td>15 P 286.221 or 117.259; R 117.359</td>
</tr>
</tbody>
</table>

### Horticulture Major (150 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Notes</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 P 119.153 or 123.101 or 120 credits; R 189.142</td>
</tr>
<tr>
<td>284.101</td>
<td>Production Horticulture</td>
<td>15 R 171.127, 171.128</td>
</tr>
</tbody>
</table>

### Schedule A: Core Courses (150 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.113</td>
<td>Economics of Business</td>
<td>15 R 115.106</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 R 123.101, 123.103, 124.100</td>
</tr>
<tr>
<td>119.154</td>
<td>Molecules to Ecology</td>
<td>15 P 119.150, R 182.101, 162.103</td>
</tr>
<tr>
<td>119.180</td>
<td>Introduction to Agribusiness</td>
<td>15 R 119.156</td>
</tr>
<tr>
<td>145.121</td>
<td>Introduction to Physical Geography</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 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;

3. The requirements for each minor are set out in Schedule B for the Degree.

4. Candidates may complete a minor by passing at least 60 credits for one of the Bachelor of Applied Economics minoring subjects, including:

   (a) at least 45 credits above 100 level; and
   
   (b) at least 15 credits at 300 level from the Schedule to the Degree;

5. The Bachelor of Applied Economics is awarded without a major.

6. Minors available in the Bachelor of Applied Economics are:

   - Accountancy
   - Finance
   - 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.
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;
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 course 230.112 is not required.
(b) Course 230.110 must be completed within the first 240 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 but must satisfy all requirements as specified.
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. 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.
26. These transition arrangements expire at the end of 2019.
27. Candidates enrolled in the Bachelor of Arts prior to 1 January 2016 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.
28. Candidates enrolled in the Bachelor of Arts 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.
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. These transitional arrangements expire on 31 December 2019.
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 towards a Māori 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 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 who have passed at least 15 credits towards the 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
230.110 Tōrangawae: Identity and Belonging in Aotearoa New Zealand 15
230.111 To Kupu: Writing and Inquiry 15 R 230.100, 119.155, 119.177 or 247.177, 237.130, 247.155, 250.100
230.112 To Arohae: Critical Thinking 15 R 134.103
230.210 Tō Rangaranga: Global Encounters 15 P 230.110
230.310 Tō Tira Mai: Practising Engagement 15 P 230.210

Schedule B: Specialisation Requirements
Asian Studies (only available as a Minor)
169.101 Introduction to Asian Thought 15
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
148.302 Regional Ethnography: Asia 15
148.311 Medical Systems of China, India and the West 15
148.316 Visual Anthropology: Southasia and Global Issues 15

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):
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

Minor Requirements
Business Psychology is not available as a minor subject.

Chinese Major
Compulsory courses
At least 15 credits from:
241.103 Ancient Chinese World pre-Republic (1912) 15 R 169.143
241.208 Contemporary Chinese Society in Literature and Film 15 R 241.203, 241.204

Subject courses:
241.107 China under Transformation: Economy, Society and Diplomacy 15


114.241 Principles of Human Resources Management 15
152.250 Managing Organisations 15 R 152.200
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

Minor Requirements
A minor consists of 75 credits in Classical Studies, including 15 credits at 300 level; 30 credits at 200 and/or 300 level, and 30 credits at any level from the Classical Studies Schedule. The minor must include at least 60 credits from 201-prefix courses.

Creative Writing Major
Compulsory courses:
139.123 Creative Writing
139.280 Writing Creative Non-Fiction

139.380 Creative Writing Capstone: Building the Manuscript

Elective courses:
139.139 Introduction to English Studies
139.223 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
139.381 Advanced Studies in Creative Writing
139.386 Life Writing

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.

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.

MASSEY UNIVERSITY 2018 CALENDAR
### Development Studies (only available as a Minor)

Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>131.121</td>
<td>Rich World, Poor World</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>131.221</td>
<td>Global Development Issues</td>
<td>15</td>
</tr>
<tr>
<td>145.218</td>
<td>Development and Inequality</td>
<td>15</td>
</tr>
<tr>
<td>150.213</td>
<td>Tikanga-it-tei: Tribal Development</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>200.201</td>
<td>Middle Eastern Politics</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>146.313</td>
<td>Issues in South Pacific Anthropology</td>
<td>15</td>
</tr>
<tr>
<td>146.318</td>
<td>Environmental Anthropology</td>
<td>15</td>
</tr>
<tr>
<td>176.309</td>
<td>Development and Social Change: Contemporary Issues</td>
<td>15</td>
</tr>
<tr>
<td>176.323</td>
<td>The Transformation of the Pacific: Contemporary Issues</td>
<td>15</td>
</tr>
<tr>
<td>179.330</td>
<td>Māori Development and the Social Services</td>
<td>15</td>
</tr>
<tr>
<td>200.301</td>
<td>Contemporary International Conflict</td>
<td>15</td>
</tr>
</tbody>
</table>

### Minor Requirements

A minor in Development Studies consists of 75 credits in Development Studies including 131.121, 131.221, 131.321, at least one of 150.213, 145.311, 146.318 and 15 credits at any level from the Development Studies Schedule.

### Economics Major

Compulsory courses (60 credits):

<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>178.100</td>
<td>Principles of Macroeconomics</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>
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</table>

Compulsory course selection

At least 15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>178.300</td>
<td>Advanced Macroeconomics</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>178.380</td>
<td>Natural Resource and Environmental Economics</td>
<td>15</td>
</tr>
<tr>
<td>178.370</td>
<td>Development Economics</td>
<td>15</td>
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</table>

### Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>178.110</td>
<td>The New Zealand Economy</td>
<td>15</td>
</tr>
<tr>
<td>178.111</td>
<td>Quantitative Methods in Economics</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>178.301</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>178.328</td>
<td>Project Evaluation</td>
<td>15</td>
</tr>
</tbody>
</table>

### World Studies Major

Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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>
</tbody>
</table>

### Minor Requirements

A minor consists of 75 credits in World Studies, including 115.113, 178.100; 15 credits at 300 level; 30 credits at 200 and/or 300 level from the World Studies schedule.

### Education Major

Compulsory courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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</td>
</tr>
</tbody>
</table>

Compulsory courses

At least 30 credits from:

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>249.286</td>
<td>Equity and Diversity in Education</td>
<td>15</td>
</tr>
<tr>
<td>254.201</td>
<td>Philosophy of Education</td>
<td>15</td>
</tr>
<tr>
<td>254.203</td>
<td>Sociologically Imagining Education</td>
<td>15</td>
</tr>
<tr>
<td>254.210</td>
<td>Historical Perspectives on Education</td>
<td>15</td>
</tr>
<tr>
<td>256.201</td>
<td>Educational Psychology</td>
<td>15</td>
</tr>
<tr>
<td>263.200</td>
<td>Teaching as an Act of Influencing Others</td>
<td>15</td>
</tr>
<tr>
<td>269.274</td>
<td>Treaty of Waitangi: Implications for Education</td>
<td>15</td>
</tr>
<tr>
<td>275.203</td>
<td>Development in Childhood</td>
<td>15</td>
</tr>
<tr>
<td>275.208</td>
<td>Development in Adolescence</td>
<td>15</td>
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</table>

At least 60 credits from:

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>254.304</td>
<td>Critical Theories of Education</td>
<td>15</td>
</tr>
<tr>
<td>254.336</td>
<td>Learning in the Digital World</td>
<td>15</td>
</tr>
<tr>
<td>254.337</td>
<td>Teaching and Learning with Pasifika Peoples in NZ</td>
<td>15</td>
</tr>
<tr>
<td>254.340</td>
<td>Politics of Education</td>
<td>15</td>
</tr>
<tr>
<td>263.301</td>
<td>Learning and Motivation</td>
<td>15</td>
</tr>
<tr>
<td>263.315</td>
<td>Teaching and Learning in Everyday Settings</td>
<td>15</td>
</tr>
<tr>
<td>267.390</td>
<td>Educational Research Literacy</td>
<td>15</td>
</tr>
<tr>
<td>269.332</td>
<td>Māori Issues in Education</td>
<td>15</td>
</tr>
<tr>
<td>275.304</td>
<td>Development of Gender</td>
<td>15</td>
</tr>
<tr>
<td>275.320</td>
<td>Risk and Resilience Across the Lifespan</td>
<td>15</td>
</tr>
<tr>
<td>276.330</td>
<td>Mathematics and Literacy in Society</td>
<td>15</td>
</tr>
</tbody>
</table>

### 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:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.102</td>
<td>Psychology as a Natural Science</td>
<td>15</td>
</tr>
<tr>
<td>275.102</td>
<td>Human Development</td>
<td>15</td>
</tr>
<tr>
<td>175.203</td>
<td>Introduction to Psychological Research</td>
<td>15</td>
</tr>
<tr>
<td>256.201</td>
<td>Educational Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.306</td>
<td>Assessment of Individual Differences</td>
<td>15</td>
</tr>
<tr>
<td>256.303</td>
<td>Sustainable Learning</td>
<td>15</td>
</tr>
<tr>
<td>256.304</td>
<td>Positive Behaviour for Learning</td>
<td>15</td>
</tr>
</tbody>
</table>
Compulsory courses

At least 15 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

249.284 Introduction to Equity and Inclusion in Education 15

249.287 Early Intervention 15

At least 15 credits from:

- 249.384 Consultation and Collaboration in Inclusive Education 15
- 268.301 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 166.331

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:

- 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

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:

- 139.139 Introduction to English Studies 15 R 139.171
- 139.239 Literary Landmarks: Words that Changed the World 15

List A subject courses

At least 60 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
- 139.270 Young Adult Fiction 15
- 139.275 Gothic 15
- 139.301 Shakespeare’s Worlds 15
- 139.303 Modern Drama 15
- 139.305 Twentieth Century Literature 15
- 139.307 Territory, Modernity and Victorian Literature 15
- 139.352 Postcolonial Literature 15
- 139.361 The Literature of Women 15
- 139.374 Tragedy 15
- 139.376 Sexual/Textual Politics 15

List B subject courses

- 139.104 Drama in Performance 15
- 139.123 Creative Writing 15
- 139.209 Speaking: Theory and Practice 15
- 139.229 Writing Poetry 15 P 139.123 or 139.133
- 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
- 139.348 Literacy Studies 15 P Any 200-level course with a 139 prefix or 219.202, R 139.208

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):

- 145.111 Society, Environment and Place 15
- 176.206 Understanding Social Life 15 P Any 100-level Sociology course
- 176.308 Sociology of the Environment 15

15 credits from:

- 121.210 Environmental Issues 15 P 121.103; R 121.311
- 139.142 Environmental Studies 15 P 121.103, 145.111 or 228.111

Subject courses:

- 121.103 New Zealand Environmental Issues 15
- 132.111 Planning and the Environment 15
- 132.112 Planning for Sustainable Development 15
- 146.102 Endangered Cultures 15
- 176.102 New Zealand Society 15 R 178.104
- 145.213 Resource Conservation and Sustainability 15 R 145.313
- 145.214 Social Change and Environment 15
- 150.201 Te Kāwerau o Waitangi: The Treaty of Waitangi in New Zealand Society 15 R 269.274
- 121.310 Environmental Solutions 15 P 121.210, R 121.211
- 121.311 Global Environmental Issues 15 P 121.103
- 131.321 Strategies for Sustainable Development 15
- 145.311 Geographies of Globalisation 15
- 146.318 Environmental Anthropology 15

Minor Requirements

A minor consists of 75 credits in Environmental Studies, including 145.111, 121.211 or 121.210, 176.308; 15 credits at 300 or 300 level and 15 credits at any level from the Environmental Studies Schedule.

French (only available as a Minor)

- 243.102 Introductory French Language II 15 P 243.101 or 164.106; R 243.201, 243.202, 243.301
- 243.201 Intermediate French Language I 15 P 243.102 or 164.107; R 243.202, 243.301
- 243.202 Intermediate French Language II 15 P 243.201 or 164.101 or 164.200; R 243.301
- 243.301 Advanced French Language 15 P 243.202 or 164.201; R 164.301
- 243.304 Contemporary French Popular Culture 15 P 243.301 or 164.301; R 164.307
- 243.305 Close Encounters – New Zealand Seen Through French Eyes 15 P 243.301
### Geography Major

**Compulsory courses (30 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>145.121</td>
<td>Introduction to Physical Geography</td>
<td>15</td>
</tr>
</tbody>
</table>

**Compulsory course selection**

At least 15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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>145.320</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>
</tbody>
</table>

**Subject courses:**

- Future State: New Zealand in the 21st Century 15
- Working with Geographic Data 15
- Resource Conservation and Sustainability 15
- Social Change and Environment 15
- Urban Environments 15
- Development and Inequality 15
- Rivers and Slopes 15
- Climate Change and Natural Hazards 15
- Biogeography 15
- Coastal Environments 15
- Applied River Management 15
- Geographies of Globalisation 15
- Geopolitics 15
- Social Science at Work 15

### History Major

**Subject courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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</td>
</tr>
<tr>
<td>148.217</td>
<td>Victorian World</td>
<td>15</td>
</tr>
<tr>
<td>148.218</td>
<td>The Vikings</td>
<td>15</td>
</tr>
<tr>
<td>148.220</td>
<td>The Second World War</td>
<td>15</td>
</tr>
<tr>
<td>148.221</td>
<td>The Black Death and Other Plagues, 1300 – 1700</td>
<td>15</td>
</tr>
<tr>
<td>148.241</td>
<td>Revolution, Rights and the Atlantic World, 1763 to 1848</td>
<td>15</td>
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<tr>
<td>148.242</td>
<td>The Age of Jihad and Crusade</td>
<td>15</td>
</tr>
<tr>
<td>148.243</td>
<td>The Sixties: Sex and Drugs and Rock and Roll?</td>
<td>15</td>
</tr>
<tr>
<td>148.244</td>
<td>The Great War 1914 – 1918: A Military and Social History</td>
<td>15</td>
</tr>
<tr>
<td>148.245</td>
<td>Māori and Colonisation</td>
<td>15</td>
</tr>
</tbody>
</table>

### Japanese Major

**Compulsory course (15 credits):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>242.103</td>
<td>Introduction to Japanese Culture</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>242.101</td>
<td>Japanese 1A</td>
<td>15</td>
</tr>
<tr>
<td>242.102</td>
<td>Japanese 1B</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>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>
<tr>
<td>242.390</td>
<td>Individual Research Project in Japanese Studies</td>
<td>15</td>
</tr>
</tbody>
</table>

### 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.

**Japanese Major**

**Compulsory course (15 credits):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>242.301</td>
<td>Individual Research Project in Japanese Studies</td>
<td>15</td>
</tr>
</tbody>
</table>

**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 History Schedule.

### Linguistics Major

**Compulsory courses (30 credits):**

<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>
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</tbody>
</table>

**Compulsory courses**

At least 30 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>172.232</td>
<td>Language and Society in New Zealand</td>
<td>15</td>
</tr>
<tr>
<td>172.233</td>
<td>Language Learning Processes</td>
<td>15</td>
</tr>
<tr>
<td>172.239</td>
<td>Language and Culture</td>
<td>15</td>
</tr>
</tbody>
</table>
At least 15 credits from:

172.330 Sounds and Structures 15 P 172.235; R 172.331, 172.332

172.337 Historical and Comparative Linguistics 15 P 172.234

Subject courses:

172.131 Language and Communication 15

172.231 Linguistics for Speech Therapists 15 P 172.133; R 172.235

172.235 Linguistic Analysis of the English Language 15 R 172.231

172.236 Forensic Linguistics 15

172.237 Language, Discourse and Power 15

172.334 Field Methods 15 P 172.234 or 172.235

172.335 Language and Identity 15 P 172.232 or 172.237

172.336 Languages of the Pacific 15 P Any 200-level Linguistics course

172.338 Language and Mediated Communication in a Transcultural World 15 P Any 200-level Linguistics course

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.

Maori Studies Major

Compulsory courses (60 credits):

150.114 He Tirohanga o Māia: Māori Custom, Lore and Economics 15

300.110 Te Reo Whakahokia: Socialising in Te Reo 15

150.201 Te Kawanatanga o Waitangi: The Treaty of Waitangi in New Zealand Society 15 R 269.274

300.209 Te Reo Tūrangapō: Political Te Reo 15 P 300.110 or 300.111

Compulsory Course Selections

At least 15 credits from:

148.245 Māori and Colonisation 15 R 148.337

150.202 Hauora 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-it-Tei: Tribal Development 15 P 150.114 or 148.101; nil for GradDipArts; nil for GradDipArts

150.218 He Huarahi Rangahau: Māori and Research 15 P Three courses at 100 level including one course from Māori Studies

At least 60 credits from:

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

150.304 Te Ao Houihuri: Contemporary Māori Issues 15 P 150.201

269.332 Māori Issues in Education 15

Subject courses:

150.108 Ngā Hanga Whakairo: Traditional Māori Visual Art 15

150.112 Hauora Tangata: Māori and Global Indigenous Health 15

150.205 Kura Māi Tawhiti: Māori Knowledge 15

150.206 Ngā Memo Whakairo: Contemporary Māori Visual Art 15 P 150.108

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.

Mathematics Major

Compulsory courses

Unless exempted for prerequisite purposes, at least 30 credits from:

Option A


160.102 Linear Mathematics 15 R 160.112, 160.135, 228.172

Option B

160.132 Concepts in Mathematics 15 R 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 160.132, 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

Option C

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

Subject courses:

160.103 Introductory University Mathematics 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

160.131 Mathematics for Business I 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

160.203 Calculus 15 P 160.101 or 160.112 or 160.133 or 228.172

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, 161.100–161.130, 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

Minor Requirements

(160.101 and 160.102) or (160.132 (unless exempted for prerequisite purposes) and 160.133) or (160.111 and 160.112); 45 credits from courses with 160.2xx and 160.3xx, with at least 15 credits at 300 level.

Media Studies Major

Compulsory course (15 credits):

154.101 Introduction to Media Studies 15

Subject courses:

154.115 Stardom and Celebrity in the Media 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 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
- 134.215 Political Theory from Plato to Marx 15
- 134.302 Metaphysics 15 P Any two 200-level 134 prefix course; R 134.202
- 134.303 Ethics 15 R 134.202
- 134.305 Meta-ethics 15 P Any 200-level 134 prefix course
- 134.308 Philosophy of Science 15 R 134.208
- 134.309 Ancient Philosophy 15 P Any 200-level 134 prefix course or 201.201; R 134.209
- 134.310 Philosophy of Literature 15 R 134.210
- 134.312 Epistemology: Seeing and Knowing 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 P Any 200-level 134 prefix course
- 200.315 Contemporary Political Thought 15

Minor Requirements
A minor consists of 75 credits in Philosophy, including 15 credits at 300 level, 15 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>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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>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>
</tbody>
</table>

#### Minor Requirements

A minor consists of 75 credits in Planning Studies, including at least 45 credits above 100 level, including 132.221, and at least 15 credits at 300 level from the Planning Studies Schedule.

### Politics Major

#### Compulsory courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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>
</tbody>
</table>

#### Compulsory courses

At least 30 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course 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 45 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course 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>

#### Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>230.121</td>
<td>Future State: New Zealand in the 21st Century</td>
<td>15</td>
</tr>
<tr>
<td>150.201</td>
<td>Treaty of Waitangi: The Treaty of Waitangi in New Zealand Society</td>
<td>15</td>
</tr>
<tr>
<td>145.318</td>
<td>Geopolitics</td>
<td>15</td>
</tr>
<tr>
<td>230.301</td>
<td>Social Science at Work</td>
<td>15</td>
</tr>
</tbody>
</table>

#### 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>Course Code</th>
<th>Course 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>
</tbody>
</table>

#### Minor Requirements

A minor consists of 75 credits in Portuguese, including 15 credits at 300 level, 30 credits at 200 and/or 300 level, and 30 credits at any level from the Portuguese Schedule.

### Psychology Major

#### Compulsory courses (45 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course 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>

#### Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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>175.314</td>
<td>Taha Hinengaro: Bicultural Perspectives in Psychology</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>

#### 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:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course 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>Course Code</th>
<th>Course 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>
<tr>
<td>219.202</td>
<td>Professional and E-Business Writing</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>139.231</td>
<td>Health Writing: Theory and Practice</td>
<td>15</td>
</tr>
<tr>
<td>139.244</td>
<td>Writing for the Public</td>
<td>15</td>
</tr>
<tr>
<td>139.280</td>
<td>Writing Creative Non-Fiction</td>
<td>15</td>
</tr>
<tr>
<td>154.311</td>
<td>Social Media and Digital Cultures</td>
<td>15</td>
</tr>
<tr>
<td>219.234</td>
<td>Editing and Publishing</td>
<td>15</td>
</tr>
</tbody>
</table>
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)

<table>
<thead>
<tr>
<th>Code</th>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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>147.201</td>
<td>Issues in Rehabilitation</td>
<td>15</td>
</tr>
<tr>
<td>147.202</td>
<td>Mental Health Policy and Practice</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>P 147.102</td>
<td></td>
</tr>
<tr>
<td>147.302</td>
<td>Alcohol and Drug Use</td>
<td>15</td>
</tr>
</tbody>
</table>

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):

<table>
<thead>
<tr>
<th>Code</th>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>149.180</td>
<td>Introduction to Security Studies</td>
<td>15</td>
</tr>
<tr>
<td>149.280</td>
<td>Security Issues in the Asia-Pacific</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>P 149.180</td>
<td></td>
</tr>
<tr>
<td>149.380</td>
<td>Strategy and Security</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>P 149.280</td>
<td></td>
</tr>
<tr>
<td>149.381</td>
<td>Terrorism and Political Violence</td>
<td>15</td>
</tr>
<tr>
<td>149.385</td>
<td>Security and the Law</td>
<td>15</td>
</tr>
</tbody>
</table>

Subject courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>149.170</td>
<td>Introduction to Border Security</td>
<td>15</td>
</tr>
<tr>
<td>149.190</td>
<td>Police and Policing in Society</td>
<td>15</td>
</tr>
<tr>
<td>202.161</td>
<td>Introduction to Politics</td>
<td>15</td>
</tr>
<tr>
<td>149.271</td>
<td>The Security of Global Trade</td>
<td>15</td>
</tr>
<tr>
<td>149.272</td>
<td>Intelligence in the Security Environment</td>
<td>15</td>
</tr>
<tr>
<td>149.295</td>
<td>Security in the Information Age</td>
<td>15</td>
</tr>
<tr>
<td>172.236</td>
<td>Forensic Linguistics</td>
<td>15</td>
</tr>
<tr>
<td>200.261</td>
<td>World Politics</td>
<td>15</td>
</tr>
<tr>
<td>145.311</td>
<td>Geographies of Globalisation</td>
<td>15</td>
</tr>
<tr>
<td>149.350</td>
<td>The History of Defence and Security Intelligence</td>
<td>15</td>
</tr>
<tr>
<td>149.380</td>
<td>Defence and Security Technology</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>P 149.151 or 149.180</td>
<td></td>
</tr>
<tr>
<td>149.370</td>
<td>Psychology of Evidence in the Security Environment</td>
<td>15</td>
</tr>
<tr>
<td>149.382</td>
<td>Biocultural Anthropology and Practice</td>
<td>15</td>
</tr>
<tr>
<td>175.304</td>
<td>The Psychology of Security</td>
<td>15</td>
</tr>
<tr>
<td>200.301</td>
<td>Contemporary International Conflict</td>
<td>15</td>
</tr>
</tbody>
</table>

Minor Requirements
A minor consists of 75 credits in Social Policy, including 15 credits at 300 level; 30 credits at 200 and/or 300 level, and 30 credits at any level from the Social Policy Schedule. The minor must include at least 60 credits from the 146-prefix courses.

Social Policy Major

Compulsory courses (135 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>279.101</td>
<td>Social Policy: An Introduction</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>279.201</td>
<td>Social Policy: Concepts and Theories</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>P 279.101 or 179.101 or 200.162; 279.101 or 179.101 for BSW</td>
<td></td>
</tr>
<tr>
<td>279.203</td>
<td>Law, Government and Social Policy</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>P 279.101 or 179.101 or 200.162, 179.102 to 2009; R 179.203</td>
<td></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>

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:

<table>
<thead>
<tr>
<th>Code</th>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>176.101</td>
<td>The Sociological Imagination</td>
<td>15</td>
</tr>
<tr>
<td>176.206</td>
<td>Understanding Social Life</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>P Any 100-level Sociology course</td>
<td></td>
</tr>
<tr>
<td>176.301</td>
<td>The Sociological Project</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>P 176.201 or 176.206</td>
<td></td>
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</table>

Subject courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Subject</th>
<th>Credits</th>
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</thead>
<tbody>
<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>176.303</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>176.207</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></td>
<td>P 178.316</td>
<td></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>
</tbody>
</table>

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.
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:

<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>245.103</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>245.205</td>
<td>Advanced Spanish Language</td>
<td>15</td>
</tr>
<tr>
<td>245.206</td>
<td>Spanish Conversation on Film</td>
<td>15</td>
</tr>
<tr>
<td>245.207</td>
<td>Travellers’ Tales: The Invention of Latin America</td>
<td>15</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>161.220</td>
<td>Data Analysis</td>
<td>15</td>
</tr>
</tbody>
</table>

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:

- P 160.1xx or 228.171 and one of 115.101, 161.100–161.130; R 161.231

At least 15 credits from:

- P 160.101 or 160.112 or 160.133 or 228.172
- P 160.102 or 160.112 or 160.133 or 228.172

Subject courses:

- 161.222 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

Te Reo Māori (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>300.111</td>
<td>Te Reo Kōnakinaki: Developing Te Reo</td>
<td>15</td>
</tr>
<tr>
<td>300.211</td>
<td>Te Reo Whakanakonako: Embellishing Te Reo</td>
<td>15</td>
</tr>
</tbody>
</table>

Compulsory course selection
At least 30 credits from:

- 300.310 Te Reo Auaha: Creative Writing in Te Reo 15
- 300.311 Te Reo Papā: Strengthening Te Reo 15
- 300.312 Te Reo o te Marae: Karanga and Whaiōrero 15

Subject courses:

- 300.110 Te Reo Whakahaohe: Socialising in Te Reo 15
- 300.209 Te Reo Tīrangapū: 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 Women’s 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.

### 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>Code</th>
<th>Course</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>130.301</td>
<td>Incident Command Systems</td>
<td>150</td>
<td>P Any 200-level course or Graduate status</td>
</tr>
</tbody>
</table>

#### English for Speakers of Other Languages

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>192.101</td>
<td>English for Academic Purposes for Speakers of Other Languages</td>
<td>150</td>
<td>15</td>
</tr>
<tr>
<td>192.102</td>
<td>Academic Writing in English for Speakers of Other Languages</td>
<td>150</td>
<td>15</td>
</tr>
</tbody>
</table>

#### Humanities and Social Sciences

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.103</td>
<td>Nau mai e noho: Engaging with Māori</td>
<td>150</td>
<td>15</td>
</tr>
<tr>
<td>230.102</td>
<td>Pacific Peoples in New Zealand</td>
<td>150</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;
   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.

#### Specialisations

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>Code</th>
<th>Course</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>190.104</td>
<td>Principles of Navigation I</td>
<td>150</td>
<td>15</td>
</tr>
<tr>
<td>190.107</td>
<td>Human Performance</td>
<td>150</td>
<td>15</td>
</tr>
<tr>
<td>190.110</td>
<td>Introduction to Flying</td>
<td>150</td>
<td>15</td>
</tr>
<tr>
<td>190.112</td>
<td>Introduction to Flying II</td>
<td>150</td>
<td>15</td>
</tr>
<tr>
<td>190.120</td>
<td>Aeronautical Legislation</td>
<td>150</td>
<td>15</td>
</tr>
<tr>
<td>190.121</td>
<td>Aeronautical Meteorology</td>
<td>150</td>
<td>15</td>
</tr>
<tr>
<td>190.123</td>
<td>Aircraft Systems I</td>
<td>150</td>
<td>15</td>
</tr>
<tr>
<td>190.124</td>
<td>Aircraft Performance</td>
<td>150</td>
<td>15</td>
</tr>
<tr>
<td>190.154</td>
<td>Principles of Navigation II</td>
<td>150</td>
<td>15</td>
</tr>
<tr>
<td>190.201</td>
<td>Aircraft Systems II (Part I)</td>
<td>150</td>
<td>15</td>
</tr>
<tr>
<td>190.203</td>
<td>Air Traffic Control/Aviation Law</td>
<td>150</td>
<td>15</td>
</tr>
<tr>
<td>190.204</td>
<td>Flight Planning and Advanced Navigation (Part I)</td>
<td>150</td>
<td>15</td>
</tr>
<tr>
<td>190.205</td>
<td>Crew Resource Management</td>
<td>150</td>
<td>15</td>
</tr>
<tr>
<td>190.221</td>
<td>Advanced Support Studies</td>
<td>150</td>
<td>15</td>
</tr>
<tr>
<td>190.237</td>
<td>Air Transport Cockpit Systems</td>
<td>150</td>
<td>15</td>
</tr>
<tr>
<td>190.251</td>
<td>Aircraft Systems II (Part 2)</td>
<td>150</td>
<td>15</td>
</tr>
<tr>
<td>190.254</td>
<td>Flight Planning and Advanced Navigation (Part 2)</td>
<td>150</td>
<td>15</td>
</tr>
<tr>
<td>190.288</td>
<td>Advanced Aircraft Handling</td>
<td>150</td>
<td>15</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>Code</th>
<th>Course</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>190.301</td>
<td>Flight Instructor Human Factors</td>
<td>150</td>
<td>15</td>
</tr>
<tr>
<td>190.315</td>
<td>Flight Instruction Fundamentals I</td>
<td>150</td>
<td>15</td>
</tr>
</tbody>
</table>
### Schedule for the Bachelor of Aviation

#### Part 1 (90 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>190.104</td>
<td>Principles of Navigation I*</td>
<td>15</td>
<td>P Permission Head of School; C 190.110</td>
</tr>
<tr>
<td>190.107</td>
<td>Human Performance*</td>
<td>15</td>
<td>P Permission Head of School; R 190.117</td>
</tr>
<tr>
<td>190.110</td>
<td>Introduction to Flying*</td>
<td>30</td>
<td>P Permission Head of School; C 190.104</td>
</tr>
<tr>
<td>190.112</td>
<td>Introduction to Flying II*</td>
<td>15</td>
<td>P Permission Head of School and 190.110, C 190.104</td>
</tr>
<tr>
<td>190.118</td>
<td>Aerocience I</td>
<td>15</td>
<td>P Permission Head of School; R 190.103 and 190.195</td>
</tr>
</tbody>
</table>

#### Part 2 (90 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>190.119</td>
<td>Aerocience II</td>
<td>15</td>
<td>P 190.118</td>
</tr>
<tr>
<td>190.120</td>
<td>Aeronautical Legislation*</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>190.121</td>
<td>Aeronautical Meteorology*</td>
<td>15</td>
<td>P 190.104, 190.107, 190.110, 190.111, 190.112</td>
</tr>
<tr>
<td>190.123</td>
<td>Aircraft Systems I*</td>
<td>15</td>
<td>P 190.104, 190.107, 190.110, 190.111</td>
</tr>
<tr>
<td>190.124</td>
<td>Aircraft Performance*</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>190.154</td>
<td>Principles of Navigation II*</td>
<td>15</td>
<td>P 190.104, 190.107, 190.110, 190.111</td>
</tr>
</tbody>
</table>

#### Part 3 (90 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>190.201</td>
<td>Aircraft Systems II (Part II)*</td>
<td>15</td>
<td>P 190.123</td>
</tr>
<tr>
<td>190.203</td>
<td>Air Traffic Control/Airvation Law*</td>
<td>15</td>
<td>P 190.120</td>
</tr>
<tr>
<td>190.204</td>
<td>Flight Planning and Advanced Navigation (Part I)*</td>
<td>15</td>
<td>P 190.154</td>
</tr>
<tr>
<td>190.205</td>
<td>Crew Resource Management*</td>
<td>15</td>
<td>P 190.107, R 190.216</td>
</tr>
<tr>
<td>190.206</td>
<td>Aerodynamics I</td>
<td>15</td>
<td>P 190.118 and 190.119</td>
</tr>
<tr>
<td>190.221</td>
<td>Advanced Support Studies*</td>
<td>15</td>
<td>P 190.121</td>
</tr>
</tbody>
</table>

#### Part 4 (90 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>190.237</td>
<td>Air Transport Cockpit Systems*</td>
<td>15</td>
<td>P 190.124</td>
</tr>
<tr>
<td>190.251</td>
<td>Aircraft Systems II (Part II)*</td>
<td>15</td>
<td>P 190.201</td>
</tr>
<tr>
<td>190.254</td>
<td>Flight Planning and Advanced Navigation (Part II)*</td>
<td>15</td>
<td>P 190.204</td>
</tr>
<tr>
<td>190.256</td>
<td>Aerodynamics II</td>
<td>15</td>
<td>P 190.205</td>
</tr>
<tr>
<td>190.288</td>
<td>Advanced Aircraft Handling*</td>
<td>30</td>
<td>P 190.205</td>
</tr>
</tbody>
</table>

#### Part 5 (120 credits):

**Option One: Flight Instruction (Aeroplane)**

**Compulsory courses (75 credits):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>190.301</td>
<td>Flight Instructor Human Factors</td>
<td>15</td>
<td>P Permission Head of School</td>
</tr>
<tr>
<td>190.315</td>
<td>Flight Instruction Fundamentals I*</td>
<td>15</td>
<td>P 190.256 and Permission Head of School</td>
</tr>
<tr>
<td>190.317</td>
<td>Evaluation Methods in Aviation</td>
<td>15</td>
<td>P 190.217, 190.225 or Part III ATP</td>
</tr>
<tr>
<td>190.335</td>
<td>Flight Instruction*</td>
<td>30</td>
<td>P Part III ATP or hold a current CPL (A)</td>
</tr>
</tbody>
</table>

30 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>190.279</td>
<td>Aerobic Aircraft Handling for Flight Instructors*</td>
<td>30</td>
<td>P Permission Head of School</td>
</tr>
<tr>
<td>190.298</td>
<td>Turbo-Prop and Jet Handling*</td>
<td>30</td>
<td>190.251 and 190.254</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):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>190.313</td>
<td>Advanced Aviation Human Factors</td>
<td>15</td>
</tr>
</tbody>
</table>

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).

### 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 for the Degree of Bachelor of Aviation Management

**Schedule A: Compulsory Courses (150 credits)**

<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>190.117</td>
<td>Introduction to Human Factors</td>
<td>15</td>
</tr>
<tr>
<td>190.216</td>
<td>Aviation Human Factors</td>
<td>15</td>
</tr>
<tr>
<td>190.220</td>
<td>Managing Airline Systems</td>
<td>15</td>
</tr>
</tbody>
</table>

### Schedule B: Aviation Management Courses (120 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>190.234</td>
<td>Environmental Impacts of Aviation</td>
<td>15</td>
</tr>
<tr>
<td>190.245</td>
<td>Introduction to Research Methods in Aviation</td>
<td>15</td>
</tr>
<tr>
<td>190.247</td>
<td>Managing Cultures in Aviation</td>
<td>15</td>
</tr>
<tr>
<td>190.340</td>
<td>Contemporary Issues in Aviation Security</td>
<td>15</td>
</tr>
</tbody>
</table>

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 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) at least 15 credits at 300 level;
   (b) at least 60 credits at 300 level;
   (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; and
   (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.


   * 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.
## Schedule for the Degree of Bachelor of Business

### Schedule A

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Fee</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

#### Courses for the Bachelor of Business specialisations

##### Accountancy (120 credits)

**Compulsory courses (75 credits):**

- **110.109** Introductory Financial Accounting 15 P 110.100; P/C 115.102 or 115.112; R 115.215, 115.230, 115.213 (1999)  
- **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 118.200, 10.220, 110.223  
- **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

**Compulsory capstone course (15 credits):**

- **110.303** Integrative Accounting 15 P 240 credits inclusive of 110.209 or 110.313, 110.233 or 110.229 and at least 15 credits at 300 level with a 110 prefix from the BBus Schedule

**Compulsory courses 15 credits from:**

- **110.249** Accounting Information Systems 15 P 110.109 or 110.215 or 110.230; R 110.243, 10.240  
- **110.279** Auditing 15 P 110.100 or 110.230 or 115.102 or 115.112; R 10.273, 110.274  
- **110.289** Taxation 15 P 110.100 or 110.230 or 115.102 or 115.112; R 10.283, 110.274

**15 credits from:**

- **110.389** Forensic Accounting 15 P 110.249 and 110.279  
- **110.379** Advanced Auditing 15 P 110.109 or 110.215 or 110.230; and R 110.279 or 110.274  
- **110.389** Advanced Taxation 15 P 110.109 or 110.215 or 110.230; and 110.299 or 110.214; R 110.783

- **115.389** 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 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:**

- **115.109** Introduction to Business Data Analytics 15  
- **156.233** Marketing Research 15 P 115.104 or 115.116 or 156.200 or 75 credits for non-Business students.  
- **158.244** System Management and Testing 15 P 157.1xx or 158.1xx or 115.107  
- **156.340** Customer Intelligence 15 P 156.233

### Business Law Minor (60 credits)

**Compulsory course (15 credits):**

- **155.202** Essentials of Law 15

**Subject courses (45 credits):**

- **155.201** Law of Property 15 P 115.103 or 155.202 or 115.211; R 155.216, 155.700  
- **155.203** Law of Business Organisations 15 P 115.103 or 155.202 or 115.211; R 155.200, 155.700
### 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

#### 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 Economics; including 178.100, 178.200, 178.201, and either 178.352 or 178.360 or 178.370.

### Finance (120 credits)

#### Compulsory courses (60 credits):
- **125.220** Financial Institutions and Markets 15
- **125.230** Business Finance 15
- **125.241** Introduction to Investments 15
- **125.340** Investment Analysis 15

#### Compulsory capstone course (15 credits):
- **125.330** Advanced Business Finance 15

#### Subject courses (45 credits):
- **115.388** Internship in Business 30
- **115.389** Business Internship 15
- **125.250** Financial Modelling 15
- **125.320** International Finance 15
- **125.350** Financial Risk Management 15
- **125.364** Bank Financial Management 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 Economics (90 credits)
No new enrolments from 2011.

Human Resource Management and Employment Relations (120 credits)
Compulsory courses (105 credits):
- 114.240 Organisational Behaviour 15
- 114.241 Principles of Human Resources Management 15
- 114.254 Employment Relations 15
- 114.330 Equity and Diversity in the Workplace 15
- 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 Capstone Course (15 credits)
- 152.399 Integrative Management 15 P Any 114.3xx or 152.3xx or 157.3xx course

Subject courses
- 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 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:
- 114.330 Equity and Diversity in the Workplace 15
- 115.388 Internship in Business 30 P Permission Head of School
- 115.389 Business Internship 15 P Permission Head of School; R 115.388
- 152.336 Leadership Practice 15 R 152.328, 152.329
- 152.338 Cultural Perspectives on Entrepreneurship 15 P 152.233 or 152.234
- 241.301 Chinese 3A 15 P 241.202 or appraisal required; R 241.302
- 242.301 Japanese 3A 15 P 242.202 or appraisal required; R 242.302
- 243.301 Advanced French Language 15 P 243.202 or 164.201; R 164.301
- 245.301 Advanced Spanish Language 15 P 245.202

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
- 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, 152.302, 152.341
- 152.336 Leadership Practice 15 R 152.328, 152.329

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):
- 152.252 Project Management 15
- 152.270 Māori Management 15
- Te Whanaketanga o te Pakihi Māori – Advanced Māori Business Development and Management 15

(b) One of (15 credits):
- Te Kawenata o Waitangi: The Treaty of Waitangi in New Zealand Society 15 R 289.274
- 250.213 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, 115 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 R 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 progress regulations will apply.

Transitional Arrangements
14. All candidates enrolled in the Bachelor of Commercial Music prior to
1 January 2018 who have completed either 133.157 or 133.255 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 for the Bachelor of Commercial Music

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, Freecconomy and Community</td>
<td>15</td>
</tr>
<tr>
<td>133.260</td>
<td>Graduate Portfolio Development</td>
<td>15</td>
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</table>

Schedule B: Courses for the Bachelor of Commercial Music Majors

Music Industry

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>133.166</td>
<td>Music Label Development</td>
<td>15</td>
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<tr>
<td>133.167</td>
<td>Live Music</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>
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<tr>
<td>133.365</td>
<td>The Music Manager</td>
<td>15</td>
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<tr>
<td>133.366</td>
<td>Future Music</td>
<td>15</td>
</tr>
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<td>133.367</td>
<td>Music Industry Major Project Pre-production</td>
<td>15</td>
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<td>133.368</td>
<td>Music Industry Major Project</td>
<td>30</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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit</th>
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<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>
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<tr>
<td>133.177</td>
<td>Music Studio Production</td>
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<td>133.275</td>
<td>Music Instrument Practice 2</td>
<td>15</td>
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<tr>
<td>133.276</td>
<td>Music Composition and Arrangement 2</td>
<td>15</td>
</tr>
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<td>133.375</td>
<td>Music Instrument Practice 3</td>
<td>15</td>
</tr>
<tr>
<td>133.376</td>
<td>Music Composition and Arrangement 3</td>
<td>15</td>
</tr>
<tr>
<td>133.377</td>
<td>Music Practice Major Project Pre-production</td>
<td>15</td>
</tr>
<tr>
<td>133.378</td>
<td>Music Practice Major Project</td>
<td>30</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.
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 200 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.

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

BC

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 219.107, 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, 237.155, 237.156, 237.157, 237.158, 247.177, 250.100
Part B
Specific courses for the Bachelor of Communication Majors and Minors

Communication Management Major (120 credits)

Compulsory courses (30 credits):

219.206 Communication and Technological Change 15 R 114.283, 14.283
219.303 Organisational Communication 15 R 114.353

At least 15 credits from:

219.304 Cross-Cultural Communication 15 R 114.354
219.307 Interpersonal Communication 15 R 219.201, 114.281, 14.352

No more than 45 credits from:

219.202 Professional and E-Business Writing 15 R 114.262
219.205 Professional Presentations in Business 15 R 114.285
219.209 Public Relations Practice 15

At least 30 credits from:

219.302 Gender and Communication in Organisations 15 R 114.358
219.304 Cross-Cultural Communication 15 R 114.354
219.307 Interpersonal Communication 15 R 219.201, 114.281, 14.352
219.310 Speech Writing 15
219.311 Communication Internship 15 P 219.2xx and Permission Head of School

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:

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
139.225 Writing for Children 15
139.229 Writing Poetry 15 P 139.123 or 139.133
139.280 Writing Creative Non-Fiction 15 R 139.327
139.285 Fiction Writing 15
154.204 Digital Media Production I 15
154.224 Documentary (Non-Fiction) Film 15

At least 60 credits from:

139.303 Modern Drama 15
139.320 Theatre in Production 15
139.323 Script Writing 15
139.326 Travel Writing 15 P any 200-level BA course, or any one of 206.206, 206.207, 219.202, 219.204, 219.251, 237.230
139.329 Advanced Fiction Writing 15 P 139.123 or 139.133 and any 200-level 139 prefix course
139.333 Creativity in the Community 15 P Any one of 139.123, 139.104, 139.133, 154.204 or 139.223
139.340 The Publishing Project 15 P Any 200-level course with a 139 prefix or 219.202
139.374 Tragedy 15
139.381 Advanced Studies in Creative Writing 15
139.386 Life Writing 15 R 139.226
154.304 Digital Media Production II 15 P 154.204

MINOR REQUIREMENTS

A minor consists of 60 credits in Expressive Arts, including at least 15 credits at 300 level.

International Languages (60 credit Minor only, there is no major in International Languages)

(a) Chinese

241.207 Chinese Diaspora 15
241.208 Contemporary Chinese Society in Literature and Film 15 R 241.203, 241.204
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 241.341, 241.342, 169.341, 169.342
241.304 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 169.343

(b) French

243.201 Intermediate French Language I 15 P 243.102 or 164.107; R 243.202, 243.301
243.202 Intermediate French Language II 15 P 243.201 or 164.101 or 164.200; R 243.301
243.301 Advanced French Language 15 P 243.202 or 164.201; R 164.301
243.304 Contemporary French Popular Culture 15 P 243.301 or 164.301; R 164.307

(c) German (no new enrolments from 2011)

(d) Japanese

242.203 Japanese Language and Society 15 P 242.201 or appraisal required
242.205 Japanese Cinema 15 R 169.227
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

(e) 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 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
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

Back to Contents
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  R 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

Minor requirements

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
- 172.236 Forensic Linguistics 15
- 172.237 Language, Discourse and Power 15
- 172.239 Language and Culture 15  R 172.132

60 credits from:
- 172.334 Field Methods 15  P 172.234 or 172.235

172.335 Language and Identity 15  P 172.232 or 172.237
172.336 Languages of the Pacific 15  P Any 200-level Linguistics course
172.338 Communication in a Transcultural World 15  P Any 200-level Linguistics course

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  R 115.104 or 115.116 or 156.200; R 156.234 or 156.236
- 219.209 Public Relations Practise 15
- 156.334 Marketing Consultancy Project 15  P 156.231 and any 156.2xx course

15 credits from:
- 156.232 Consumer Behaviour 15  P 115.116 or 115.104 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 219.2xx; 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, 139.153, 154.204 or 139.223
- 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

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 for:
   (a) 218.110 Construction Industry Work Experience I; and
   (b) 218.210 Construction Industry Work Experience II.

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.
Regular courses (120 credits):

**Part I**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Prerequisite</th>
<th>Restriction</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.112</td>
<td>Accounting for Business</td>
<td></td>
<td>R 115.102</td>
</tr>
<tr>
<td>115.114</td>
<td>Finance Fundamentals</td>
<td></td>
<td>R 115.105</td>
</tr>
<tr>
<td>160.131</td>
<td>Mathematics for Business I</td>
<td></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>
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<td>218.100</td>
<td>Construction Materials</td>
<td></td>
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<tr>
<td>218.123</td>
<td>CAD and Building Information Modelling</td>
<td>P 218.172 or 138.281, R 218.122</td>
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</tr>
<tr>
<td>218.150</td>
<td>Introduction to Built Environment and Measuring Systems</td>
<td></td>
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</tr>
<tr>
<td>218.151</td>
<td>Construction Health and Safety and Sustainable Buildings</td>
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**Part II**

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<td>Property Market Principles</td>
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<td>152.252</td>
<td>Project Management</td>
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<td>Introduction to Dispute Resolution</td>
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<td>218.211</td>
<td>Construction Economics and Estimating</td>
<td>P 218.150 and 218.172</td>
<td></td>
</tr>
<tr>
<td>218.213</td>
<td>Measuring Systems I</td>
<td>P (218.122 or 218.123) and 218.150</td>
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<td>218.214</td>
<td>Measuring Systems II</td>
<td>P 218.213</td>
<td></td>
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<tr>
<td>218.274</td>
<td>Building Services</td>
<td>P 218.172 or 138.281 or 138.254, R 217.274, 138.382</td>
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<tr>
<td>218.311</td>
<td>Construction Contract and Financial Administration</td>
<td></td>
<td>P Any 218.2xx course</td>
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<tr>
<td>218.315</td>
<td>Construction Law</td>
<td>P Any 218.2xx course</td>
<td></td>
</tr>
<tr>
<td>218.340</td>
<td>Construction Research Project</td>
<td>C 2 x 218.3xx courses, R 218.422</td>
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**Quantity Surveying**

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<tr>
<td>125.230</td>
<td>Business Finance</td>
<td>P 115.114 or 115.105</td>
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</tr>
<tr>
<td>127.341</td>
<td>Property Management and Development</td>
<td>P 127.241</td>
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<tr>
<td>152.386</td>
<td>Risk Management I</td>
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<tr>
<td>178.242</td>
<td>Land Economics</td>
<td>P Any 178.1xx course or 115.106 or 115.113</td>
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<td>287.341</td>
<td>Quality Systems Design</td>
<td>P 228.292, R 143.341</td>
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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

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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 regulations 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...
Compulsory Course Selection 300 level
15 credits from:

- 289.308 Advanced Computer Animation Practice 15 P 289.208
- 289.309 Advanced VFX Practice 15 P 289.209
- 289.310 Advanced Game Practice 15 P 289.210
- 289.311 Advanced Video and Sound Practice 15 P 289.211
- 289.312 Advanced Web and Interactive Practice 15 P 289.212

Elective Courses

- 289.190 Creative Media Production Special Topic 1a 15

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.

Specialisations
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 IIIB 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: 197.453 or 213.453 or 237.465.

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.

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 prerequisite, the credits for the prerequisite 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 BBus Schedule are included in the degree.

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.

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## Schedule C – Elective Courses

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<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
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<td>197.122</td>
<td>Digital Fabrication</td>
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<td>197.123</td>
<td>Visual Identity Systems</td>
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<td>197.191</td>
<td>Art and Design: Special Topic I</td>
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<td>197.211</td>
<td>Rapid Ideation</td>
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<td>P 75 credits at 100 level</td>
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<td>197.228</td>
<td>Contemporary Design Project A</td>
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<td>197.238</td>
<td>Interaction and Interface I</td>
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<td>197.270</td>
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<td>197.285</td>
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<td>Creative Industries</td>
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<td>Contemporary Design Project B</td>
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<td>197.332</td>
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<td>197.338</td>
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<td>197.379</td>
<td>Service and Experience Design</td>
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<td>197.383</td>
<td>Internship</td>
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<tr>
<td>222.314</td>
<td>Strategies for Communication</td>
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<td>P 75 credits at 200 level</td>
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<td>222.316</td>
<td>Identity Systems</td>
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<td>P 222.258</td>
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<td>Sequential Art</td>
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<td>222.333</td>
<td>Concept Design for Imaginary Worlds</td>
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<td>P 222.232 or 222.225 or Permission Course Coordinator</td>
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<td>222.347</td>
<td>Editorial Design</td>
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<td>222.348</td>
<td>Narrative Information Design</td>
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<td>222.390</td>
<td>Visual Communication Design Special Topic A</td>
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<td>222.391</td>
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<td>222.392</td>
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<td>222.409</td>
<td>Contemporary Letterpress</td>
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<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>
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<td>222.413</td>
<td>Rhetoric and Persuasion</td>
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<td>222.416</td>
<td>Dynamic Identities</td>
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<td>P 198.358 or 212.358 or 213.342 or 221.358 or 222.358 or 223.358 or 224.358</td>
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<tr>
<td>222.417</td>
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<td>222.449</td>
<td>Spatial Type</td>
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<td>P 198.358 or 212.358 or 213.342 or 221.358 or 222.358 or 223.358 or 224.358</td>
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<td>222.490</td>
<td>Visual Communication Design Special Topic D</td>
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<td>P Permission Course Coordinator</td>
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<td>222.491</td>
<td>Visual Communication Design Special Topic E</td>
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<td>222.494</td>
<td>Graphic Design Special Topic</td>
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<td>222.496</td>
<td>Visual Communication Design Special Topic F</td>
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<td>222.497</td>
<td>Visual Communication Design Special Topic G</td>
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<td>222.499</td>
<td>Independent Visual Communication Design Study</td>
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<td>P Permission Head of School</td>
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<tr>
<td>223.207</td>
<td>Materials Lab</td>
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<td>P 75 credits at 100 level, R 223.206, 212.206</td>
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<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>
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<td>223.301</td>
<td>Contemporary Wallcoverings</td>
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<td>P 223.157 plus (198.258 or 212.258 or 213.242 or 221.258 or 222.258 or 223.258 or 224.258)</td>
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<td>223.312</td>
<td>Textile Interactions</td>
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<td>P (223.157 plus one of 198.258, 212.258, 213.242, 212.258, 222.258, 223.258 or 224.258) or R 223.313</td>
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<td>223.328</td>
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<td>223.411</td>
<td>Embroidered Textiles</td>
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<td>P 223.211 or Permission Course Coordinator</td>
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<td>223.412</td>
<td>Sustainable Colouration</td>
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<td>P 223.258 or 223.207 or Permission Course Coordinator</td>
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<td>223.407</td>
<td>Materials Research and Experimentation</td>
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<td>223.490</td>
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<td>P Permission Course Coordinator</td>
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<td>223.491</td>
<td>Textile Design Special Topic D</td>
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<td>P Permission Course Coordinator</td>
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<td>223.495</td>
<td>Textile Design Independent Study</td>
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<td>P Permission Head of School</td>
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<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>
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<tr>
<td>224.205</td>
<td>Design for Display</td>
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<td>P 75 credits at 100 level, R 197.205</td>
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<td>224.302</td>
<td>Spatial Design Special Topic A</td>
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<td>224.303</td>
<td>Spatial Design Special Topic B</td>
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<td>P Permission Course Coordinator</td>
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</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 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

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>224.306</td>
<td>Game Space</td>
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<tr>
<td>224.307</td>
<td>Furnishings</td>
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<td>224.490</td>
<td>Spatial Design Special Topic C</td>
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<td>224.485</td>
<td>Spatial Design Independent Study</td>
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<tr>
<td>237.117</td>
<td>Māori Art and Design Studio I – Toi Atea</td>
<td>15</td>
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<tr>
<td>237.130</td>
<td>Communication for Makers</td>
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<td>237.131</td>
<td>Conversations in Creative Cultures</td>
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<tr>
<td>237.211</td>
<td>Māori Visual and Material Culture – Toi Atea</td>
<td>15</td>
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<tr>
<td>237.217</td>
<td>Māori Art and Design Studio II A – Toi Atea</td>
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<td>237.218</td>
<td>Māori Art and Design Studio II B – Toi Atea</td>
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<td>237.231</td>
<td>Creative Cultures and Contexts II</td>
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<td>Māori Art and Design Studio III A – Toi Atea</td>
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<td>237.331</td>
<td>Creative Cultures and Display</td>
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<tr>
<td>237.401</td>
<td>The Material Turn</td>
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<td>237.402</td>
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<td>237.300</td>
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<td>237.402</td>
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<td>237.403</td>
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208 MASSEY UNIVERSITY 2018 CALENDAR
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<td>197.388</td>
<td>Creative Enterprise</td>
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<td>197.465</td>
<td>Creative Futures</td>
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<td>198.157</td>
<td>Studio I (Object)</td>
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<td>212.157</td>
<td>Studio I (Dress)</td>
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<td>Studio I (Art Place)</td>
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<td>213.158</td>
<td>Studio I (Art Lab)</td>
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<td>213.465</td>
<td>Exhibition</td>
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<td>221.157</td>
<td>Studio I (Lens)</td>
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<td>Studio I (Screen)</td>
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<td>222.157</td>
<td>Studio I (Type)</td>
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<td>222.158</td>
<td>Studio I (Material)</td>
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<td>Communication for Makers</td>
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<td>237.131</td>
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<td>237.465</td>
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</table>

**Schedule B – Major Courses**

### Fashion Design

**Part I:** 212.157.

**Part II:** 212.257, 212.258.

**Part III:** 212.357, 212.358.

**Part IV:** 212.455.

### Fashion Design and Business

No new enrolments from 2018.

**Part I:** 212.157.

**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 BBus Schedule are included in the degree.

### Industrial Design

**Part I:** 198.157.

**Part II:** 198.257, 198.258.

**Part III:** 198.357, 198.358.

**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.

### Spatial Design

**Part I:** 224.157.

**Part II:** 224.257, 224.258.

**Part III:** 224.357, 224.358.

**Part IV:** 224.455.

### Textile Design

**Part I:** 223.157.

**Part II:** 223.257, 223.258.

**Part III:** 223.357, 223.358.

**Part IV:** 223.455.

### Visual Communication Design

**Part I:** 222.157 or 222.158.

**Part II:** 222.257, 222.258.

**Part III:** 222.357, 222.358.

**Part IV:** 222.455.

### Schedule B – Major Courses

#### Fashion Design

**Part I:** 212.157.

**Part II:** 212.257, 212.258.

**Part III:** 212.357, 212.358.

**Part IV:** 212.455.

#### Fashion Design and Business

No new enrolments from 2018.

**Part I:** 212.157.

**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 BBus Schedule are included in the degree.

#### Industrial Design

**Part I:** 198.157.

**Part II:** 198.257, 198.258.

**Part III:** 198.357, 198.358.

**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.

### Spatial Design

**Part I:** 224.157.

**Part II:** 224.257, 224.258.

**Part III:** 224.357, 224.358.

**Part IV:** 224.455.

### Textile Design

**Part I:** 223.157.

**Part II:** 223.257, 223.258.

**Part III:** 223.357, 223.358.

**Part IV:** 223.455.

### Visual Communication Design

**Part I:** 222.157 or 222.158.

**Part II:** 222.257, 222.258.

**Part III:** 222.357, 222.358.

**Part IV:** 222.455.
### The Degree of Bachelor of Education (BEd)

#### 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. Candidates for the degree of Bachelor of Education shall:
   - (a) hold a New Zealand Diploma or Higher Diploma of Teaching, or approved equivalent; or
   - (b) have completed at least two full-time years of approved relevant experience in an educational context, or approved equivalent.

**Qualification Requirements**

2. Candidates for the Bachelor of Education 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) the core courses listed in Schedule A for the qualification;
     - (d) the remaining courses from Schedules B and C for the qualification;
     - (e) up to 75 credits from schedules for other qualifications offered by the University, with the approval of the College PVC or nominee.

3. Candidates who hold previous qualifications in teaching and/or education may have them assessed for credit to the Bachelor of Education. Such candidates shall follow an approved programme of study consisting of at least 120 credits, including the requirements of at least one major.

**Specialisations**

4. The Bachelor of Education may be completed with or without specialisation.

5. Candidates must complete the requirements of a major by passing at least 90 credits in one majoring subject, including:
   - (a) at least 15 credits at 100 level;
   - (b) at least 30 credits at 200 level;
   - (c) at least 45 credits at 300 level.

6. The requirements for each major are set out in Schedule B of the Qualification.

7. Candidates may complete a double major by meeting all of the requirements of both majors.

8. Candidates may include a minor in the Bachelor of Education by passing at least 60 credits for one of the majors listed in Schedule B, including:
   - (a) no more than 15 credits at 100 level;
   - (b) at least 15 credits at 300 level.

9. No course may be credited to both a major and a minor.

10. Minors may be included from any undergraduate degree within the University for which recognised minors are specified. Where the minor is from another undergraduate degree the regulations of that programme for the minor will apply.

#### 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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisite</th>
<th>Corequisite</th>
<th>Restriction</th>
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</thead>
<tbody>
<tr>
<td>275.102</td>
<td>Human Development</td>
<td>15</td>
<td></td>
<td>R 208.102, 209.102</td>
<td></td>
</tr>
<tr>
<td>254.231</td>
<td>Curriculum Theory, Policy and Practice</td>
<td>15</td>
<td>P Any 100-level Education course; R 187.231</td>
<td></td>
<td></td>
</tr>
<tr>
<td>256.201</td>
<td>Educational Psychology</td>
<td>15</td>
<td>R 188.201, 186.203</td>
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</tr>
<tr>
<td>254.304</td>
<td>Critical Theories of Education</td>
<td>15</td>
<td>R 187.101, 278.363</td>
<td></td>
<td></td>
</tr>
<tr>
<td>263.301</td>
<td>Learning and Motivation</td>
<td>15</td>
<td>P Any 200-level Education course</td>
<td></td>
<td></td>
</tr>
<tr>
<td>263.331</td>
<td>Assessment and Learning</td>
<td>15</td>
<td>R 188.331</td>
<td></td>
<td></td>
</tr>
<tr>
<td>267.390</td>
<td>Educational Research Literacy</td>
<td>15</td>
<td></td>
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</tr>
</tbody>
</table>
### Teaching English to Speakers of Other Languages (TESOL)

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>219.304</td>
<td>Cross-Cultural Communication</td>
<td>15</td>
</tr>
<tr>
<td>257.375</td>
<td>Learning English as Another Language</td>
<td>15</td>
</tr>
<tr>
<td>257.376</td>
<td>Learning English as Another Language</td>
<td>15</td>
</tr>
<tr>
<td>257.377</td>
<td>Learning English as Another Language</td>
<td>15</td>
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</table>

And 15 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>254.337</td>
<td>Teaching and Learning with Pasifika Peoples in New Zealand</td>
<td>15</td>
</tr>
<tr>
<td>254.338</td>
<td>Teaching and Learning with Pasifika Peoples in New Zealand</td>
<td>15</td>
</tr>
</tbody>
</table>

### Schedule C – Elective courses for the Bachelor of Education

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>172.232</td>
<td>Language and Society in New Zealand</td>
<td>15</td>
</tr>
<tr>
<td>172.233</td>
<td>Language Learning Processes</td>
<td>15</td>
</tr>
<tr>
<td>172.239</td>
<td>Language and Culture</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>249.285</td>
<td>Understanding Learners with Diverse Needs</td>
<td>15</td>
</tr>
<tr>
<td>249.286</td>
<td>Early Intervention</td>
<td>15</td>
</tr>
<tr>
<td>249.382</td>
<td>Teaching Strategies for Diverse Learners</td>
<td>15</td>
</tr>
<tr>
<td>249.384</td>
<td>Consultation and Collaboration in Inclusive Education</td>
<td>15</td>
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<tr>
<td>249.384</td>
<td>Creating Inclusive Classrooms</td>
<td>15</td>
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<tr>
<td>253.250</td>
<td>Counseling Principles and Practice</td>
<td>15</td>
</tr>
<tr>
<td>253.255</td>
<td>Cultural Issues in Counseling</td>
<td>15</td>
</tr>
<tr>
<td>253.353</td>
<td>Guidance Principles and Practice</td>
<td>15</td>
</tr>
<tr>
<td>253.355</td>
<td>Professional Issues in Counselling</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 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).

#### Qualification Requirements

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) 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.

14. The Degree of Bachelor of Engineering 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. The award of Third Class Honours is not available to students completing under Transition Regulation 20.

15. 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 Degree of Bachelor of Engineering.

Completion Requirements

16. The timeframes for completion as outlined in the General Regulations for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

17. 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

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 in the 2014 Massey University Calendar (or the regulations of the year under which first enrolled) until the end of the 2018 academic year, or will be permitted to transfer to the Engineering and Innovation Management major.

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>Code</th>
<th>Title</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>123.171</td>
<td>Chemistry for Biological Systems 1</td>
<td>15</td>
</tr>
<tr>
<td>124.171</td>
<td>Physical Principles for Engineering and Technology 1</td>
<td>15</td>
</tr>
<tr>
<td>228.111</td>
<td>Engineering Practice 1: Global Perspectives</td>
<td>15</td>
</tr>
<tr>
<td>228.171</td>
<td>Engineering Mathematics IA</td>
<td>15</td>
</tr>
<tr>
<td>123.172</td>
<td>Chemistry for Biological Systems 2</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>228.112</td>
<td>Engineering Practice 2: Creative Solutions</td>
<td>15</td>
</tr>
<tr>
<td>228.172</td>
<td>Engineering Mathematics 1B</td>
<td>15</td>
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Second Part

<table>
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<tr>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>123.271</td>
<td>Molecules to Materials</td>
<td>15</td>
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</tbody>
</table>

...
282.758 Simulation, Modelling and Optimisation 15 R 143.458, 282.458
287.740 Innovation Management 15 P 228.311 or 228.312; R 287.703

Electronics and Computer Engineering (Elec&CompEng)
(formerly Electronics and Computer Systems Engineering)

Auckland and Manawatu Campuses

First Part

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
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

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

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, 282.280, 280.273; R 141.211

228.271 Engineering Mathematics 1A 15 P 228.271, 280.271, 280.272, 280.271, 280.273, R 142.304

281.273 Communication Network Architectures 15 P 159.172; C 228.271
159.270 Hardware-Oriented Computing 15 P 159.102 or 159.172; R 159.234

228.212 Engineering Practice 4: Materials and Manufacturing 15 P 124.171 or 228.211, 228.271 and two of 123.271, 280.271, 281.281, 282.280, 281.273; R 141.211

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

281.282 Digital Electronic Systems 15 P 159.172, R 124.242, 124.252, 281.252

Third Part

228.311 Engineering Practice 5: Engineering Design with Constraints 15 P 228.211, 228.212, 281.281, 281.282; C 281.384 or 280.341 or 287.342
228.371 Statistical Modelling for Engineers and Technologists 15 P 228.271, 280.271, 280.273, 281.281, 282.280, 280.273; R 141.211

281.374 Communication Systems 15 P 281.272, 281.273, R 143.333, 281.333
281.375 Data Communication Networks 15 P 159.270 or 159.271; R 143.471, 159.334, 159.354, 281.471
281.385 Advanced Electronic Circuits 15 P 281.281, 281.282, 281.272

MASSEY UNIVERSITY 2018 CALENDAR
### Auckland Campus

15 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
<th>Prerequisite</th>
<th>Co-requisite</th>
<th>Corequisite</th>
<th>Restriction</th>
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<tbody>
<tr>
<td>281.353</td>
<td>Control Engineering</td>
<td>15</td>
<td>P 281.272; R 143.335, 143.346, 281.335, 282.346</td>
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<tr>
<td>158.326</td>
<td>Software Architecture</td>
<td>15</td>
<td>P 158.212 or 159.234 or 159.270</td>
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### Manawatū Campus

15 credits from:

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<th>Code</th>
<th>Course</th>
<th>Credits</th>
<th>Prerequisite</th>
<th>Co-requisite</th>
<th>Corequisite</th>
<th>Restriction</th>
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</thead>
<tbody>
<tr>
<td>281.353</td>
<td>Control Engineering</td>
<td>15</td>
<td>P 281.272; R 143.335, 282.346, 281.335, 282.346</td>
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<tr>
<td>159.251</td>
<td>Software Engineering Design and Construction</td>
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<td>P (159.101 and 159.102) or 159.272; R 159.351</td>
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<tr>
<td>158.328</td>
<td>Software Architecture</td>
<td>15</td>
<td>P 158.212 or 159.234 or 159.270</td>
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### Fourth part

<table>
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<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
<th>Prerequisite</th>
<th>Co-requisite</th>
<th>Corequisite</th>
<th>Restriction</th>
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</thead>
<tbody>
<tr>
<td>228.711</td>
<td>Engineering Practice 6: Design Capstone Project</td>
<td>30</td>
<td>P 228.311 or 228.312; R 228.485, 280.430</td>
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<tr>
<td>228.798</td>
<td>Individual Research Project</td>
<td>30</td>
<td>P 228.311 or 228.312</td>
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<td>281.755</td>
<td>Digital Signal Processing</td>
<td>15</td>
<td>P 281.172; R 124.344, 143.333, 281.333</td>
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<tr>
<td>281.785</td>
<td>Advanced Computer Engineering</td>
<td>15</td>
<td>P 281.384; R 143.474, 281.474</td>
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</table>

30 credits from:

<table>
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<tr>
<th>Code</th>
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<th>Prerequisite</th>
<th>Co-requisite</th>
<th>Corequisite</th>
<th>Restriction</th>
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<tbody>
<tr>
<td>281.776</td>
<td>Advanced Communication Engineering</td>
<td>15</td>
<td>P 281.273, 281.374, R 143.448, 143.468, 281.486</td>
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<tr>
<td>281.806</td>
<td>Advanced Micro- and Nano-Electronics</td>
<td>15</td>
<td>P 281.281; R 124.345, 143.457, 281.457</td>
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</tbody>
</table>

Any 700 level 15 credit course selected from the following prefixes: 158 Information Technology, 159 Computer Science.

### Manawatū Campus

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
<th>Prerequisite</th>
<th>Co-requisite</th>
<th>Corequisite</th>
<th>Restriction</th>
</tr>
</thead>
<tbody>
<tr>
<td>281.776</td>
<td>Advanced Communication Engineering</td>
<td>15</td>
<td>P 281.273, 281.374, R 143.448, 143.468, 281.486</td>
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<td>281.756</td>
<td>Image and Video Processing</td>
<td>15</td>
<td>P 281.272; R 281.473</td>
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</table>

Any 700 level 15 credit course selected from the following prefixes: 158 Information Technology, 159 Computer Science.

### Engineering and Innovation Management (EIM)

#### First Part

Core courses (90 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
<th>Prerequisite</th>
<th>Co-requisite</th>
<th>Corequisite</th>
<th>Restriction</th>
</tr>
</thead>
<tbody>
<tr>
<td>124.171</td>
<td>Physical Principles for Engineering and Technology 1</td>
<td>15</td>
<td>C (123.171 or 159.171), 228.171, (141.111 or 228.111), R 124.101</td>
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<td></td>
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</tr>
<tr>
<td>124.172</td>
<td>Physical Principles for Engineering and Technology 2</td>
<td>15</td>
<td>P (124.171, (123.171 or 159.171), 228.171, (141.111 or 228.111); C (123.172 or 159.122), 228.172, (141.112 or 228.112), R 124.102</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>228.111</td>
<td>Engineering Practice 1: Global Perspectives</td>
<td>15</td>
<td>C 123.171 or 159.171, 124.171, 228.171, R 140.125, 140.150, 141.111, R 228.125 and 228.150</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>228.112</td>
<td>Engineering Practice 2: Creative Solutions</td>
<td>15</td>
<td>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)</td>
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<td></td>
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<tr>
<td>228.171</td>
<td>Engineering Mathematics 1A</td>
<td>15</td>
<td>C (123.171 or 159.171), 124.171, (228.111 or 141.111), R 160.101, 160.102, 160.161, 160.111</td>
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<tr>
<td>228.172</td>
<td>Engineering Mathematics 1B</td>
<td>15</td>
<td>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, 159.102</td>
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</table>

Minor specialisation courses (30 credits):

#### Chemical and Bioprocess Engineering minor

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
<th>Prerequisite</th>
<th>Co-requisite</th>
<th>Corequisite</th>
<th>Restriction</th>
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</thead>
<tbody>
<tr>
<td>123.171</td>
<td>Chemistry for Biological Systems 1</td>
<td>15</td>
<td>C 124.171, 228.171, (141.111 or 228.111); R 123.101</td>
<td></td>
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</tr>
</tbody>
</table>
Engineering and Innovation Management

Elective courses (45 credits):

- Life Cycle Assessment (LCA) and Footprinting Principles (15 credits)
- Innovation Management (15 credits)
- New Product Development Practices (15 credits)
- Quality System Development and Management (15 credits)
- Business Process Improvement (15 credits)

Mechatronics (Mechatronics)

Auckland and Manawatū Campuses

First Part

- Physical Principles for Engineering and Technology 1 (15 credits)
- Physical Principles for Engineering and Technology 2 (15 credits)
- Computational Thinking and Algorithms (15 credits)
- Engineering Practice 1: Global Perspectives (15 credits)
- Engineering Practice 2: Creative Solutions (15 credits)
- Engineering Mathematics 1A (15 credits)
- Engineering Mathematics 1B (15 credits)

Second Part

- Engineering Practice 3: Product Development (15 credits)
- Manufacturing Engineering and Computer-Aided Design (15 credits)
- Engineering Mathematics 2 (15 credits)
- Analogue Electronic Systems (15 credits)
- Hardware-Oriented Computing (15 credits)
- Engineering Practice 4: Materials and Manufacturing (15 credits)
- Signals and Systems (15 credits)
- Digital Electronic Systems (15 credits)
Third Part

228.311 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

228.371 Statistical Modelling for Engineers and Technologists 15 P 228.271; R 228.340

282.371 Mechanical Engineering – Solid Dynamics 15 P 124.172, R 282.221, 282.360


282.373 Mechanical Engineering – Fluid Mechanics and Thermodynamics 15 P 124.172, R 282.221, 282.336

281.353 Control Engineering 15 P 281.272, R 143.335, 143.346, 282.346, 281.335

Fourth Part

228.711 Engineering Practice 6: Design Capstone Project 30 P 282.311 or 282.312; R 228.485, 280.430

228.798 Individual Research Project 30 P 282.311 or 282.312


282.778 Mechatronics 15 P 281.353, 282.371; R 143.478, 282.478

282.762 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, 282 Mechatronics and Automation Engineering, 287 Industrial Innovation.

Product Development (ProdDev)

No new enrolments from 2015.

Auckland and Manawatu Campuses

First Part

124.171 Physical Principles for Engineering and Technology 1 15 C (123.171 or 159.171), 228.171, (141.111 or 288.111), R 124.101

124.172 Physical Principles for Engineering and Technology 2 15 P 124.171, (123.171 or 159.171), 228.171, (141.111 or 288.111); C (123.172 or 159.172), 228.172, (141.112 or 288.112), R 124.102

159.171 Computational Thinking and Software Development 15

159.172 Computational Thinking and Algorithms 15 P 159.171 or 159.101; R 159.102

228.111 Engineering Practice 1: Global Perspectives 15 C 123.171 or 159.171, 228.171, 228.172; R 140.125, 140.150, 141.111, 228.125 and 282.150

228.112 Engineering Practice 2: Creative Solutions 15 P 140.125 or 140.150 or 141.111 or 228.111 or 228.125 or 228.150; C 123.172 or 159.172, 228.172, 140.120, 141.112, 143.150, 282.120, 282.152

228.171 Engineering Mathematics 1A 15 C (123.171 or 159.171), 228.171, (228.111 or 141.111), R 160.101, 160.102, 160.161, 160.111

The Degree of Bachelor of Engineering

BE

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

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.
## 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 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>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Notes</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>
<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>212.341</td>
<td>Studio I (Object)</td>
<td>15</td>
<td>R 237.131</td>
</tr>
<tr>
<td>213.251</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</th>
<th>Title</th>
<th>Credits</th>
<th>Notes</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>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Notes</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>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</th>
<th>Title</th>
<th>Credits</th>
<th>Notes</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>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Notes</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, 221.382, 222.382, 223.425, 224.382</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>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Notes</th>
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<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 213.463, R 213.401, 213.451</td>
</tr>
</tbody>
</table>
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 the 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>
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<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>
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</table>

Plus one of:

<table>
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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
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<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>
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</table>

Plus three of:

<table>
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<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
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<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 197.132</td>
</tr>
<tr>
<td>221.157</td>
<td>Studio I (Lens)</td>
<td>15</td>
<td>R 221.101</td>
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<tr>
<td>222.157</td>
<td>Studio I (Screen)</td>
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</tr>
<tr>
<td>222.158</td>
<td>Studio I (Type)</td>
<td>15</td>
<td>R 197.131, 222.100</td>
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<td>223.157</td>
<td>Studio I (Material)</td>
<td>15</td>
<td>R 197.133</td>
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<td>224.157</td>
<td>Studio I (Space)</td>
<td>15</td>
<td>R 197.131</td>
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##### Part II

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<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>213.241</td>
<td>Art Studio IIA</td>
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<td>P 213.157 or 213.158 or (197.131 and 197.132); R 213.251</td>
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<tr>
<td>213.242</td>
<td>Art Studio IIB</td>
<td>30</td>
<td>P R 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>
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PLUS one of the following:

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<th>Prerequisites</th>
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</thead>
<tbody>
<tr>
<td>197.288</td>
<td>Creative Industries</td>
<td>15</td>
<td>P 75 credits at 100 level</td>
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OR

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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>237.231</td>
<td>Creative Cultures and Contexts II</td>
<td>15</td>
<td>P 75 credits at 100 level</td>
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</table>

##### Part III

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<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>
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<td>213.342</td>
<td>Art Studio IIB</td>
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<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>
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PLUS one of the following:

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<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>
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</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>
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<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>
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<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>
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PLUS one of the following:

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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
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<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</td>
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#### Schedule B

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<tbody>
<tr>
<td>213.150</td>
<td>Painting</td>
<td>15</td>
<td>R 213.203</td>
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<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>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>
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<td>Fine Arts Special Topic III</td>
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<td>P Permission Course Coordinator</td>
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<td>Drawing the Body III</td>
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<td>P 213.255 or 197.200; R 197.301</td>
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<td>Contemporary Art Projects E</td>
<td>15</td>
<td>P 75 credits at 200 level from College of Creative Arts</td>
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<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>
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<td>Contemporary Art Projects K</td>
<td>15</td>
<td>P 75 credits at 200 level from College of Creative Arts</td>
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<td>213.360</td>
<td>Fine Arts Special Topic III B</td>
<td>30</td>
<td>P Permission Course Coordinator</td>
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<td>213.411</td>
<td>Fine Arts Special Topic IV</td>
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<td>P Permission Course Coordinator</td>
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<td>213.464</td>
<td>Art in Context</td>
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OR

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<td>15</td>
<td>C (198.454 or 198.455 or 212.454 or 212.455 or 213.442 or 214.454 or 221.454 or 222.454 or 223.454 or 224.454 or 224.455) or Permission Head of School</td>
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OR

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<td>237.465</td>
<td>Creative Exposition</td>
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<td>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</td>
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The Degree of Bachelor of Food Technology with Honours
BFoodTech(Hons)

Qualification Regulations

Part I
Subject to Part I A, 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.

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 8 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, 228.111,(141.111 or 228.112); R 123.101
124.171 Physical Principles for Engineering and Technology 1 15 C (123.171 or 159.171), 228.171, [141.111 or 228.112]; R 124.101
141.111 Food Technology 1: Global Perspectives 15 C 123.171, 124.171, 228.172; 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 228.112); C (123.172 or 159.172), 228.172, (141.112 or 228.112); R 124.102
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, 122.172, 142.172; R 228.120 and 228.112

Engineering Mathematics 1B 15
P 288.171, (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

Part Two (120 credits)

Compulsory courses:

Molecules to Materials 15 P (123.171 or 123.101) and (123.172 or 123.102)

Food Technology 3: Product Development 15 P 123.172, 124.172, 228.171, 280.271, 280.272; R 228.211, 228.252

Engineering Mathematics 2 15 P 228.171, 228.172, C 141.211 or 228.211 and two of 123.271, 280.271, 280.272, 280.250, 281.273, R 228.222, 228.223

Heat and Mass – Conservation and Transfer 15 P 123.172, 124.172 and 228.172

Chemical Energetics 15 P 123.102 or 123.172

Food Technology 4: Manufacturing 15 P 123.172, 124.172, 228.171 and (141.112 or 128.112); C 123.201, 228.201 and 228.272; R 228.212

Industrial Microbiology 15 P 123.171 and 123.172; R 142.201, 141.222, 162.212, 162.214

Fluid Flow and Particle Technology 15 P 123.172, 124.172 and 228.172

Part Three (120 credits)

Compulsory courses:

Food Technology 5: Food Microbiology and Safety 15 P One of 280.201 or 142.222, 162.212 or 280.214

Food Chemistry 15 P (123.220 and (122.221 or 122.222)) or (123.220 and 122.223) and (123.271 and 123.212); R 141.391, 151.231

Statistical Modelling for Engineers and Technologists 15 P 228.271; R 228.340

Process Engineering Operations 15 P 280.271 and 280.272; R 280.391

Food Technology 6: Food Characterisation 15 P 123.271, 123.201, 141.211, 141.212, R 141.330

Food Formulation Technology 15 P 123.220 or (123.271 and 123.201)

Reaction Technologies and Process Modelling 15 P 123.201, 123.271, 228.271, 280.271, 280.272, 280.280, R 280.391 and 280.392

Food Product Technology Major

Nutrition and Food Choice 15 P 123.271; R 141.458

Food Process Engineering Major (Manawatū only)

Bioprocessing 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:

Food Packaging Engineering and Legislation 15 P (280.271 or (141.294 and 142.221 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

Industrial Systems Improvement 15 R 141.424, 278.342, 228.479

Food Technology Major

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 228.340), (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

141.795 Added Value Processing of Food Products 15 P 280.201 or 142.222 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

280.771 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 or 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 (Manawatū only)

Food Technology Project 30 P (141.393 or 141.311), (141.395, (228.340 or 228.371), (280.391 or 280.390), (141.330 or 141.312), 141.362, (141.358 or 141.458) and (280.392 or 280.372) or PPD; R 141.458, 228.485; 141.749, 141.449

141.172 Innovative Food Design and Development 30 P (141.311 or 141.393), (141.312 or 141.330), 141.362, 141.395, (141.358 or 141.458), (228.371 or 228.340), (280.371 or 280.391), (280.372 or 280.392); R 141.457, 141.471

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.

BACHELOR'S DEGREES

MASSEY UNIVERSITY 2018 CALENDAR 221

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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
- FTE1012 Biomolecular Science for Food Technology
- FTE1013 Mass and Energy Balance
- FTE1014 Food Technology 2: Global and Creative Solutions
- FTE1015 Engineering Mathematics I
- FTE1021 Engineering Fundamentals (Mechanics and Electricity)
- FTE1022 Food Technology 3: Product Development
- FTE1023 Programming for Engineering
- FTE1024 Industrial Microbiology

Part Two
Compulsory modules/courses:

- FTE2011 Chemical Energetics
- FTE2012 Molecules to Materials
- FTE2013 Technical Writing and Communication
- FTE2014 Heat and Mass – Conservation and Transfer
- FTE2015 Fluid Flow and Particle Technology
- FTE2021 Food Technology 4: Manufacturing
- FTE2022 Food Technology 5: Food Microbiology and Safety
- FTE2023 Food Chemistry
- FTE2024 Career and Professional Development
- FTE2025 Engineering Maths 2

Part Three
Compulsory modules/courses:

- FTE3011 Food Packaging Engineering and Legislation
- FTE3012 Industrial Systems Improvement
- FTE3013 Process Engineering Operations
- FTE3014 Reaction Technology and Process Modelling
- FTE3021 Integrated Work Study Programme
- FTE3031 Food Technology Project Preparation
- FTE3032 Innovative Food Design & Development Preparation

Part Four
Compulsory modules/courses:

- FTE 4012 Food Technology Project
- FTE4021 Advanced Food Technology
- FTE4022 Innovative Food Design and Development

An approved elective from:

- 141.755 Added-Value Processing of Food Products
- 119.792 Special Topic
- FTE4103 Crystallisation in Foods
- FTE4104 Special Topic

Modules/Courses Total: 240 SIT credits/480 Massey University credits.

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 II
Candidates who have passed all courses and completed all other requirements for a BFoodTech(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 Food Technology.

The Degree of Bachelor of Health Science
BHlthSc

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 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 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 for Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates.

**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...
### 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
- 251.302 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:
- Te Kawanata o Waitangi: The Treaty of Waitangi in New Zealand Society 15
- Hauora Tangata: Māori Health Foundations 15

Elective courses:
- 231.105 An Introduction to New Zealand 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

Elective courses:
- 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

### 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)

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<td>Mental Health and Society</td>
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<tr>
<td>147.202</td>
<td>Mental Health Policy and Practice</td>
<td>15</td>
</tr>
<tr>
<td>147.302</td>
<td>Alcohol and Drug Use</td>
<td>15</td>
</tr>
<tr>
<td>147.317</td>
<td>Disability in Society</td>
<td>15</td>
</tr>
<tr>
<td>157.101</td>
<td>Mental Health and Society</td>
<td>15</td>
</tr>
<tr>
<td>157.201</td>
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<tr>
<td>157.302</td>
<td>Alcohol and Drug Use</td>
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</tr>
<tr>
<td>157.317</td>
<td>Disability in Society</td>
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Occupational Safety and Health Major (120 credits)

Compulsory courses (105 credits):

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<td>114.240</td>
<td>Organisational Behaviour</td>
<td>15</td>
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<td>251.271</td>
<td>Occupational Health and Safety I</td>
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<td>251.370</td>
<td>Health and Safety Auditing</td>
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<td>251.372</td>
<td>Project in Occupational Health and Safety</td>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>147.102</td>
<td>Mental Health and Society</td>
<td>15</td>
</tr>
<tr>
<td>147.202</td>
<td>Mental Health Policy and Practice</td>
<td>15</td>
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<td>147.302</td>
<td>Alcohol and Drug Use</td>
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<td>147.317</td>
<td>Disability in Society</td>
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15 credits from:

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<td>Special Topic in Occupational Health and Safety</td>
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</tr>
<tr>
<td>128.300</td>
<td>Ergonomics/Human Factors: Work, Performance, Health and Design</td>
<td>15</td>
</tr>
</tbody>
</table>

Occupational Safety and Health Minor (60 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>251.100</td>
<td>Work and Health</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>
<tr>
<td>251.370</td>
<td>Health and Safety Auditing</td>
<td>15</td>
</tr>
<tr>
<td>251.372</td>
<td>Project in Occupational Health and Safety</td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>147.102</td>
<td>Mental Health and Society</td>
<td>15</td>
</tr>
<tr>
<td>147.202</td>
<td>Mental Health Policy and Practice</td>
<td>15</td>
</tr>
<tr>
<td>147.302</td>
<td>Alcohol and Drug Use</td>
<td>15</td>
</tr>
<tr>
<td>147.317</td>
<td>Disability in Society</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>251.375</td>
<td>Special Topic in Occupational Health and Safety</td>
<td>15</td>
</tr>
<tr>
<td>128.300</td>
<td>Ergonomics/Human Factors: Work, Performance, Health and Design</td>
<td>15</td>
</tr>
</tbody>
</table>

Psychology Major (120 credits)

Compulsory courses (30 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course 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>
</tbody>
</table>

30 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>175.208</td>
<td>Memory and Cognition</td>
<td>15</td>
</tr>
<tr>
<td>175.210</td>
<td>Nga Tirohanga Rua o t e Taha Hīnengaro: Bicultural Perspectives in Psychology</td>
<td>15</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>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>175.308</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>175.317</td>
<td>Heath Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.318</td>
<td>Experimental Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.345</td>
<td>Organisational Psychology</td>
<td>15</td>
</tr>
</tbody>
</table>

Psychology Minor (75 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.102</td>
<td>Psychology as a Natural Science</td>
<td>15</td>
</tr>
</tbody>
</table>

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):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>231.107</td>
<td>Social Determinants of Health</td>
<td>15</td>
</tr>
<tr>
<td>231.108</td>
<td>Health Intervention Management</td>
<td>15</td>
</tr>
<tr>
<td>214.209</td>
<td>Microbiology and Communicable Diseases</td>
<td>15</td>
</tr>
<tr>
<td>214.317</td>
<td>Environmental Health</td>
<td>15</td>
</tr>
<tr>
<td>231.307</td>
<td>Intervention Research and Design</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>150.201</td>
<td>Te Kawenata o Waitangi: The Treaty of Waitangi in New Zealand Society</td>
<td>15</td>
</tr>
<tr>
<td>150.202</td>
<td>Hauora Tangata: Māori Health Foundations</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>179.230</td>
<td>The Wellbeing of Pacific Peoples in New Zealand</td>
<td>15</td>
</tr>
<tr>
<td>147.302</td>
<td>Alcohol and Drug Use</td>
<td>15</td>
</tr>
<tr>
<td>231.302</td>
<td>Contemporary Issues in Public Health</td>
<td>15</td>
</tr>
</tbody>
</table>

Public Health Minor (60 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>231.107</td>
<td>Social Determinants of Health</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>150.202</td>
<td>Hauora Tangata: Māori Health Foundations</td>
<td>15</td>
</tr>
</tbody>
</table>

Rehabilitation Major (120 credits)

Compulsory courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>147.101</td>
<td>Rehabilitation Studies</td>
<td>15</td>
</tr>
<tr>
<td>147.201</td>
<td>Issues in Rehabilitation</td>
<td>15</td>
</tr>
<tr>
<td>147.303</td>
<td>Case Management and Rehabilitation Counselling</td>
<td>15</td>
</tr>
<tr>
<td>147.102</td>
<td>Mental Health and Society</td>
<td>15</td>
</tr>
<tr>
<td>147.202</td>
<td>Mental Health Policy and Practice</td>
<td>15</td>
</tr>
<tr>
<td>147.302</td>
<td>Alcohol and Drug Use</td>
<td>15</td>
</tr>
<tr>
<td>147.317</td>
<td>Disability in Society</td>
<td>15</td>
</tr>
</tbody>
</table>

Rehabilitation Minor (60 credits)

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>147.101</td>
<td>Rehabilitation Studies</td>
<td>15</td>
</tr>
<tr>
<td>147.201</td>
<td>Issues in Rehabilitation</td>
<td>15</td>
</tr>
<tr>
<td>147.303</td>
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</tr>
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<td>147.317</td>
<td>Disability in Society</td>
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Rehabilitation Minor (60 credits)

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</thead>
<tbody>
<tr>
<td>147.101</td>
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<td>15</td>
</tr>
<tr>
<td>147.201</td>
<td>Issues in Rehabilitation</td>
<td>15</td>
</tr>
</tbody>
</table>

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The Degree of Bachelor of Information Sciences
BInfSc

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:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>247.177</td>
<td>Written Communication for Information 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>

15 credits from:

<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>
<tr>
<td>161.140</td>
<td>Agri-Statistics</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>159.101</td>
<td>Programming Fundamentals</td>
<td>15</td>
</tr>
<tr>
<td>159.171</td>
<td>Computational Thinking and Software 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>158.345</td>
<td>Professionalism in the Information Sciences</td>
<td>15</td>
</tr>
</tbody>
</table>

Schedule B: Capstone Courses

At least 15 credits and no more than 30 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>152.399</td>
<td>Integrative Management</td>
<td>15</td>
</tr>
<tr>
<td>158.383</td>
<td>Information Technology Project</td>
<td>15</td>
</tr>
<tr>
<td>159.333</td>
<td>Programming Project</td>
<td>15</td>
</tr>
<tr>
<td>159.356</td>
<td>Software Engineering Capstone Project</td>
<td>15</td>
</tr>
<tr>
<td>247.310</td>
<td>ICT Industry Engagement Project</td>
<td>30</td>
</tr>
</tbody>
</table>
MASSEY UNIVERSITY 2018 CALENDAR

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 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

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 159.251
- 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 159.275 or 159.258; 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
- 160.132 Concepts in Mathematics 15 R 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
- 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 159.222
- 158.337 Database Development 15 P 157.2xx or 158.2xx or 159.2xx; R 159.331, 159.247
- 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 115.107 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 R 152.230
- 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

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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

15 credits from:

158.100 Computer Applications and the Information Age
158.120 Fundamentals of Information Technology

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
30 credits from:

158.326 Software Architecture 15 P 158.212 or 158.234 or 159.270

158.333 Applied Machine Learning and Data Visualisation 15 P 158.222

158.335 The Internet of Things and Cloud Computing 15 P 159.1xx and 158.235

158.337 Database Development 15 P 157.2xx or 158.2xx or 159.2xx; R 157.331, 158.247

158.339 Internet Programming 15 P 159.201 or 159.234; R 159.359

158.347 Database Paradigms 15 P 158.247; R 158.337

158.352 Advanced Web Development 15 P 159.252 or 158.258; R 159.235, 158.360

158.354 Data Communication Networks 15 P 159.270 or 159.271; R 159.334, 281.375

158.355 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, 158.360

159.372 Intelligent Machines 15 P 159.271 or 159.272, R 159.302

Business Minor (60 credits)
Compulsory courses (30 credits):

125.230 Business Finance 15 P 115.114 or 115.105

152.233 Fundamentals of Entrepreneurship and Innovation 15 R 152.230

15 credits from:

114.241 Principles of Human Resources Management 15

156.200 Marketing for Non-Marketers 15 R 115.104 or 115.116 or 156.160

15 credits from:

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

The Degree of Bachelor of Māori Visual Arts
BMVA

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 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:

150.106 Ngā Hanga Whakairo: Traditional Māori Visual Art 15

150.107 Mata Puare: Studio IA 30

150.108 Mata Puare: Studio IB 45

plus either:

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:

150.206 Ngā Momo Whakairo: Contemporary Māori Visual Art 15 P 150.106

150.207 Mata Oho: Studio IIA 30 P 150.107

150.208 Mata Oho: Studio IIB 45 P 150.108

plus either:

300.111 Te Reo Kōnakinaki: Developing Te Reo 15

or

300.210 Te Reo Kōrerorero: Discussing in Te Reo 15 P 300.111

Electives:
Any one of the following courses or another course approved by the Head of School.

146.206 Visual Ethnography 15 P 150.114 or 146.101; nil for GDipMāoriDevpt; nil for GradDipArts

150.213 Tikanga-ā-Iwi: Tribal Development 15
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>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>247.102</td>
<td>Communication in the Sciences</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>122.102</td>
<td>Biochemistry of Cells</td>
<td>15</td>
<td>P 123.101, 162.101</td>
</tr>
<tr>
<td>123.101</td>
<td>Chemistry and Living Systems</td>
<td>15</td>
<td>R 123.171</td>
</tr>
<tr>
<td>161.130</td>
<td>Introductory Biostatistics</td>
<td>15</td>
<td>R 161.100, 161.101, 161.110, 161.120, 161.140, 115.101, 195.101</td>
</tr>
<tr>
<td>162.101</td>
<td>Biology of Cells</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>194.101</td>
<td>Essentials of Mammalian Biology</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

List B

Highly recommended:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>123.102</td>
<td>Chemistry and the Material World</td>
<td>15</td>
<td>R 123.172</td>
</tr>
</tbody>
</table>

List C

Electives:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>124.111</td>
<td>Physics for Life Sciences</td>
<td>15</td>
<td>R 124.101, 124.171</td>
</tr>
<tr>
<td>156.100</td>
<td>Computer Applications and the Information Age</td>
<td>15</td>
<td>R 157.1xx, 159.110</td>
</tr>
<tr>
<td>160.102</td>
<td>Linear Mathematics</td>
<td>15</td>
<td>R 160.112, 160.133, 228.172</td>
</tr>
<tr>
<td>160.103</td>
<td>Introductory University Mathematics</td>
<td>15</td>
<td>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</td>
<td>P 160.103 or 160.131 or 160.132, R 160.101, 160.102, 160.161, 228.171</td>
</tr>
<tr>
<td>160.132</td>
<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 after 160.133 has been passed</td>
</tr>
</tbody>
</table>

Part Two (120 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.133</td>
<td>Processes in Mathematics</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>199.101</td>
<td>Biology of Animals</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

Any other course offered by the University.

Professional Phase

Part Three (120 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>122.231</td>
<td>Genes and Gene Expression</td>
<td>15</td>
<td>P 123.101, 162.101</td>
</tr>
<tr>
<td>122.233</td>
<td>Metabolic Biochemistry</td>
<td>15</td>
<td>P 122.102</td>
</tr>
<tr>
<td>162.211</td>
<td>Biology and Genetics of Microorganisms</td>
<td>15</td>
<td>R 162.111, 162.112, 162.131, 228.171</td>
</tr>
<tr>
<td>162.283</td>
<td>Medical Microbiology</td>
<td>15</td>
<td>R 162.111, 162.112, 162.131, 228.171</td>
</tr>
<tr>
<td>194.241</td>
<td>Physiological Control Systems</td>
<td>15</td>
<td>R 194.101</td>
</tr>
<tr>
<td>194.242</td>
<td>Physiology of Mammalian Organ Systems</td>
<td>15</td>
<td>R 194.101</td>
</tr>
</tbody>
</table>

Part Four (120 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>202.382</td>
<td>Transfusion Science</td>
<td>15</td>
<td>R 162.389</td>
</tr>
<tr>
<td>203.300</td>
<td>DNA Technology</td>
<td>15</td>
<td>R 123.231, 203.340</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, 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; or
   (b) not more than 165 credits at 100 level; or
   (c) at least 75 credits at 300 level.

And including:
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.

2. Candidates for the Degree of Bachelor of Nursing 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, as defined by the Schedule to the Qualification;
   (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.

The Degree of Bachelor of Nursing

BN

(d) the courses listed in the Schedule for the Qualification;
(e) at least 75 credits from Schedule B to the Bachelor of Science;
(f) up to 75 credits from any subject area offered by the University;
(g) attending field trips, workshops, tutorials, and laboratories as required.

Specialisations
3. The Degree of Bachelor of Natural Sciences is awarded without specialisations.

Student Progression
4. Candidates must complete the requirements of Part One prior to progressing to Part Two.

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 the Diploma 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 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>

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>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>

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>15</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.

30 credits at any level from Schedule B to the Degree of Bachelor of Science.

30 credits from any approved courses from any subject area in the University.

30 credits from any approved courses from any subject area in the University.

The Degree of Bachelor of Nursing
BN

To 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.

(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 parts-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;
   (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.

15 credits from any approved courses from any subject area in the University.

30 credits from any approved courses from any subject area in the University.

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.

The Degree of Bachelor of Resource and Environmental Planning

BRP

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 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.
### Economics

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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>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>178.240</td>
<td>Managerial Economics</td>
<td>15</td>
</tr>
<tr>
<td>178.242</td>
<td>Land Economics</td>
<td>15</td>
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<tr>
<td>178.300</td>
<td>Advanced Macroeconomics</td>
<td>15</td>
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<tr>
<td>178.380</td>
<td>Natural Resource and Environmental Economics</td>
<td>15</td>
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<td>178.370</td>
<td>Development Economics</td>
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### Geography

<table>
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<tbody>
<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>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>
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<td>145.230</td>
<td>Coastal Environments</td>
<td>15</td>
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<tr>
<td>145.301</td>
<td>Research Practice in Human Geography</td>
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<tr>
<td>145.303</td>
<td>Field Work: Alpine Physical Geography</td>
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</tr>
<tr>
<td>145.304</td>
<td>Applied Field Geomorphology</td>
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<td>145.311</td>
<td>Geographies of Globalisation</td>
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<td>145.318</td>
<td>Geopolitics</td>
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<td>145.320</td>
<td>Quaternary Biogeography and Environmental Change</td>
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<td>145.327</td>
<td>Catchment Dynamics</td>
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### Management

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
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<tbody>
<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>152.203</td>
<td>Business and Society</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>
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<tr>
<td>152.304</td>
<td>Managing Services</td>
<td>15</td>
</tr>
<tr>
<td>152.325</td>
<td>Designing and Developing Organisations</td>
<td>15</td>
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<tr>
<td>152.333</td>
<td>New Venture Project</td>
<td>15</td>
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<td>152.336</td>
<td>Leadership Practice</td>
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</table>

### Māori Studies

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>150.114</td>
<td>He Tirohanga o Mua: Māori Custom, Lore and Economics</td>
<td>15</td>
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<tr>
<td>300.110</td>
<td>Te Reo Whakahaoa: Socialising in Te Reo</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-tū-Iwi: Tribal Development</td>
<td>15</td>
</tr>
<tr>
<td>150.216</td>
<td>He Huarahi Rangahau: Māori and Research</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>
<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>
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</tbody>
</table>

### Property Management

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<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>218.172</td>
<td>Construction Technology: Residential</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>150.201</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>
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<tr>
<td>218.274</td>
<td>Building Services</td>
<td>15</td>
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<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>
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<tr>
<td>127.343</td>
<td>Applied Property Valuation</td>
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</table>

### Soil/Earth Science

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>121.103</td>
<td>New Zealand Environments</td>
<td>15</td>
</tr>
<tr>
<td>145.121</td>
<td>Introduction to Physical Geography</td>
<td>15</td>
</tr>
<tr>
<td>189.151</td>
<td>Soil Properties and Processes</td>
<td>15</td>
</tr>
<tr>
<td>233.101</td>
<td>Introductory Earth Science</td>
<td>15</td>
</tr>
<tr>
<td>145.222</td>
<td>Rivers and Slopes</td>
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</tr>
<tr>
<td>145.223</td>
<td>Climate Change and Natural Hazards</td>
<td>15</td>
</tr>
<tr>
<td>145.230</td>
<td>Coastal Environments</td>
<td>15</td>
</tr>
<tr>
<td>189.251</td>
<td>Soil Fertility and Fertilisers</td>
<td>15</td>
</tr>
<tr>
<td>189.252</td>
<td>Land, Soil and Water</td>
<td>15</td>
</tr>
<tr>
<td>233.202</td>
<td>Earth Science Field Work I</td>
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<tr>
<td>233.203</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>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>145.320</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>
</tbody>
</table>
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, 115.117, 157.150. 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>
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<tr>
<td>156.232</td>
<td>Consumer Behaviour</td>
<td>15</td>
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<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>240.260</td>
<td>Logistics and Supply Chain Fundamentals</td>
<td>15</td>
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<td>156.339</td>
<td>Omni-Channel Retail Marketing</td>
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<tr>
<td>290.301</td>
<td>Retail Experience Internship</td>
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<tr>
<td>290.302</td>
<td>Retail Strategy and Business Planning</td>
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</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>
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<tbody>
<tr>
<td>157.150</td>
<td>Management Information Systems</td>
<td>15</td>
</tr>
<tr>
<td>156.235</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>
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Compulsory 15 credits:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>157.350</td>
<td>Technology Governance and Risk Management</td>
<td>15</td>
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#### Design

<table>
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<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>
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</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 Degree of Bachelor of Science requires that the candidate will meet the University admission requirements as specified.

### Logistics and Supply Chain Management

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>240.263</td>
<td>Logistics Operations</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>
<tr>
<td>240.366</td>
<td>Global Logistics</td>
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### Management and Entrepreneurship

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<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>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>152.331</td>
<td>Scaling and Growth</td>
<td>15</td>
</tr>
<tr>
<td>152.336</td>
<td>Leadership Practice</td>
<td>15</td>
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</table>

### Marketing

<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>
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</table>

### Retail Banking

Compulsory courses (45 credits):

<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>125.364</td>
<td>Bank Financial Management</td>
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</tr>
<tr>
<td>125.365</td>
<td>Retail Banking</td>
<td>15</td>
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</tbody>
</table>

Compulsory course selection (15 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.114</td>
<td>Finance Fundamentals</td>
<td>15</td>
</tr>
<tr>
<td>125.211</td>
<td>The Financial Planning Process</td>
<td>15</td>
</tr>
</tbody>
</table>

### The Degree of Bachelor of Science

**BSc**

**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 160 or 161 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)

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>247.155</td>
<td>Communication in the Sciences</td>
<td>15</td>
</tr>
<tr>
<td>247.177</td>
<td>Written Communication for Information 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>

Schedule B

Agricultural Science (255 credits)

Compulsory courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>162.101</td>
<td>Biology of Cells</td>
<td>15</td>
</tr>
<tr>
<td>117.254</td>
<td>Principles of Animal Science and Production</td>
<td>15</td>
</tr>
<tr>
<td>283.201</td>
<td>Pasture and Crop Agronomy</td>
<td>15</td>
</tr>
<tr>
<td>119.258</td>
<td>Agricultural Systems</td>
<td>15</td>
</tr>
<tr>
<td>119.573</td>
<td>Integrative Studies</td>
<td>15</td>
</tr>
<tr>
<td>119.150</td>
<td>Practicum I</td>
<td>0</td>
</tr>
<tr>
<td>119.250</td>
<td>Practicum II</td>
<td>0</td>
</tr>
<tr>
<td>123.101</td>
<td>Chemistry and Living Systems</td>
<td>15</td>
</tr>
<tr>
<td>123.102</td>
<td>Chemistry and the Material World</td>
<td>15</td>
</tr>
</tbody>
</table>
### 15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>161.130</td>
<td>Introductory Biostatistics</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>160.111</td>
<td>Mathematics 1A</td>
<td>15</td>
<td></td>
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<tr>
<td>160.112</td>
<td>Mathematics 1B</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>160.133</td>
<td>Processes in Mathematics</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

### 15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>122.102</td>
<td>Biochemistry of Cells</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>124.102</td>
<td>Physics (b)</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>124.111</td>
<td>Physics for Life Sciences</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>283.101</td>
<td>Plants in Agriculture</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>120.101</td>
<td>Biology of Plants</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>194.101</td>
<td>Essentials of Mammalian Biology</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>198.151</td>
<td>Soil Properties and Processes</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>233.101</td>
<td>Introductory Earth Science</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>189.251</td>
<td>Soil Fertility and Fertilisers</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>189.252</td>
<td>Land, Soil and Water</td>
<td>15</td>
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</table>

### 15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>120.217</td>
<td>Plant, Cell and Environment</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>194.241</td>
<td>Physiological Control Systems</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>194.242</td>
<td>Physiology of Mammalian Organ Systems</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>194.243</td>
<td>Physiological Strategies for Survival</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>196.205</td>
<td>Ecology and Conservation</td>
<td>15</td>
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</tbody>
</table>

### 15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>122.231</td>
<td>Genes and Gene Expression</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>122.232</td>
<td>Protein Biochemistry</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>122.233</td>
<td>Metabolic Biochemistry</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>123.201</td>
<td>Chemical Energics</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>123.202</td>
<td>Organic and Biological Chemistry</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>123.203</td>
<td>Inorganic Chemistry and Modelling</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>123.204</td>
<td>Chemical and Biochemical Analysis</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>123.206</td>
<td>Environmental and Analytical Chemistry</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>123.210</td>
<td>Organic Chemistry Perspectives</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>123.271</td>
<td>Molecules to Materials</td>
<td>15</td>
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</tr>
<tr>
<td>162.211</td>
<td>Biology and Genetics of Microorganisms</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>162.214</td>
<td>Biology of Microorganisms</td>
<td>15</td>
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</tr>
<tr>
<td>196.207</td>
<td>Biological Evolution</td>
<td>15</td>
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<tr>
<td>196.217</td>
<td>Evolutionary Biology</td>
<td>15</td>
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### 20 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>117.342</td>
<td>Animal Nutrition</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.344</td>
<td>Animal Growth and Meat Production</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.345</td>
<td>Genetics for Livestock Improvement</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.347</td>
<td>Reproductive and Lactational Physiology</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.348</td>
<td>Animal Metabolism</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.371</td>
<td>Animal Production</td>
<td>15</td>
<td></td>
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<tr>
<td>117.381</td>
<td>Solving Problems in Animal Production</td>
<td>15</td>
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<tr>
<td>189.362</td>
<td>Soil Fertility and the Environment</td>
<td>15</td>
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<tr>
<td>189.363</td>
<td>Soil Resources and Sustainable Land Use</td>
<td>15</td>
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</tr>
<tr>
<td>233.301</td>
<td>Advanced Remote Sensing</td>
<td>15</td>
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</tr>
<tr>
<td>233.302</td>
<td>Earth Science Field Work III</td>
<td>15</td>
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</tr>
<tr>
<td>233.310</td>
<td>Pedology and Quaternary Geology</td>
<td>15</td>
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<tr>
<td>233.350</td>
<td>How the Earth Works</td>
<td>15</td>
<td></td>
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<tr>
<td>283.301</td>
<td>Pasture Production and Practice</td>
<td>15</td>
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<tr>
<td>283.305</td>
<td>Arable Production and Technology</td>
<td>15</td>
<td></td>
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<tr>
<td>283.311</td>
<td>Controlling Weeds</td>
<td>15</td>
<td></td>
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<tr>
<td>285.301</td>
<td>Controlling Plant Pests and Diseases</td>
<td>15</td>
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### 15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>122.102</td>
<td>Biochemistry of Cells</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>123.101</td>
<td>Chemistry and Living Systems</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>162.101</td>
<td>Biology of Cells</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>194.101</td>
<td>Essentials of Mammalian Biology</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>194.241</td>
<td>Physiological Control Systems</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>122.233</td>
<td>Metabolic Biochemistry</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.254</td>
<td>Principles of Animal Science and Production</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.255</td>
<td>Animal Health, Behaviour and Welfare</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.348</td>
<td>Animal Metabolism</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

### Animal Science (195 credits)

#### Compulsory courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>122.102</td>
<td>Biochemistry of Cells</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>123.101</td>
<td>Chemistry and Living Systems</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>162.101</td>
<td>Biology of Cells</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>194.101</td>
<td>Essentials of Mammalian Biology</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>194.241</td>
<td>Physiological Control Systems</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>122.233</td>
<td>Metabolic Biochemistry</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.254</td>
<td>Principles of Animal Science and Production</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.255</td>
<td>Animal Health, Behaviour and Welfare</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.348</td>
<td>Animal Metabolism</td>
<td>15</td>
<td></td>
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</tbody>
</table>

### 15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>161.101</td>
<td>Statistics for Business</td>
<td>15</td>
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</tr>
<tr>
<td>161.120</td>
<td>Introductory Statistics</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>161.130</td>
<td>Introductory Biostatistics</td>
<td>15</td>
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### 30 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>117.342</td>
<td>Animal Nutrition</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.344</td>
<td>Animal Growth and Meat Production</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.345</td>
<td>Genetics for Livestock Improvement</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>117.347</td>
<td>Reproductive and Lactational Physiology</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>
### 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)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>122.102</td>
<td>Biochemistry of Cells</td>
<td>P 123.101, 162.101</td>
</tr>
<tr>
<td>123.101</td>
<td>Chemistry and Living Systems</td>
<td>R 123.171, 123.202, 123.204</td>
</tr>
<tr>
<td>162.101</td>
<td>Biology of Cells</td>
<td></td>
</tr>
<tr>
<td>122.313</td>
<td>Genes and Gene Expression</td>
<td>P 123.101, 162.101</td>
</tr>
<tr>
<td>122.323</td>
<td>Protein Biochemistry</td>
<td>P 122.102, R 122.342</td>
</tr>
<tr>
<td>122.333</td>
<td>Metabolic Biochemistry</td>
<td>P 122.102</td>
</tr>
<tr>
<td>123.303</td>
<td>Gene Regulation</td>
<td>P 203.300, R 203.303</td>
</tr>
<tr>
<td>122.322</td>
<td>Protein Structure and Function</td>
<td>P 122.232, R 122.342</td>
</tr>
<tr>
<td>203.300</td>
<td>DNA Technology</td>
<td>P 122.231, R 203.340</td>
</tr>
</tbody>
</table>

### 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)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>120.101</td>
<td>Biology of Plants</td>
<td></td>
</tr>
<tr>
<td>162.101</td>
<td>Biology of Cells</td>
<td></td>
</tr>
<tr>
<td>199.101</td>
<td>Biology of Animals</td>
<td></td>
</tr>
</tbody>
</table>

### Courses at 100 level from the 124 and/or 160 prefix:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>122.102</td>
<td>Biochemistry of Cells</td>
<td>P 123.101, 162.101</td>
</tr>
<tr>
<td>123.101</td>
<td>Chemistry and Living Systems</td>
<td>R 123.171, 123.202, 123.204</td>
</tr>
<tr>
<td>123.103</td>
<td>Introductory Chemistry</td>
<td>R 119.153, 123.103 may not be taken after 123.101, 123.171, 123.102 or 123.172 have been passed</td>
</tr>
<tr>
<td>161.130</td>
<td>Introductory Biostatistics</td>
<td>R 115.101, 161.100, 161.101, 161.110, 161.120, 161.140, 195.101</td>
</tr>
<tr>
<td>194.101</td>
<td>Essentials of Mammalian Biology</td>
<td></td>
</tr>
</tbody>
</table>

### Courses at 100 level from the 124 and/or 160 prefix:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>123.310</td>
<td>Advanced Concepts in Organic Chemistry</td>
<td>P 123.202 or 123.210, R 123.312</td>
</tr>
<tr>
<td>123.311</td>
<td>Advanced Physical and Analytical Chemistry</td>
<td>P 123.201, 123.204</td>
</tr>
<tr>
<td>123.312</td>
<td>Advanced Organic Chemistry</td>
<td>P 123.202, 123.204</td>
</tr>
<tr>
<td>123.313</td>
<td>Advanced Inorganic Chemistry</td>
<td>P 123.203, 123.204</td>
</tr>
<tr>
<td>123.331</td>
<td>Advanced Physical and Computational Chemistry</td>
<td>P 123.201</td>
</tr>
<tr>
<td>123.332</td>
<td>Advanced Topics in Chemistry</td>
<td>P Any two of 123.202, 123.206 or 123.204, R 123.201</td>
</tr>
</tbody>
</table>

### Selection B:

236.301     | Advanced Nanoscience                     | P 123.201 or 236.201, R 123.325, 280.412 |
| 236.302     | Nanoscience and Chemistry Research Project | P (236.201, 124.230, 124.226) or (123.201, 123.202, 123.203, 123.204) |
| 123.326     | Advanced Chemical Biology                | P 123.202 |

### Human Nutrition, Marine Ecology, Microbiology, Physiology, Plant Science, Psychology, and/or Zoology.

### Biological Sciences Minor (60 credits)

One of 120.101 or 162.101 or 199.101; 45 credits at 200 level and 300 level, with at least 15 credits at 300 level, selected from majors listed in the Biological Sciences Schedule.

### Biostatistics Minor (60 credits)

One of 161.130 or 161.120 or 161.101 or 115.101; 161.331; one of 161.220 or 161.221 or 161.250; one of 122.331, 175.203, 196.205, 199.204, 202.251, 233.251, 196.350, 199.312, 203.300, 203.328, 214.311.

### Chemistry (165 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>123.101</td>
<td>Chemistry and Living Systems</td>
<td>R 123.171, 123.202, 123.204</td>
</tr>
<tr>
<td>123.102</td>
<td>Chemistry and the Material World</td>
<td>R 123.172, 123.202, 123.204</td>
</tr>
</tbody>
</table>

### 15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.101</td>
<td>Calculus I</td>
<td>R 160.161, 160.112, 160.133, 228.172</td>
</tr>
<tr>
<td>160.103</td>
<td>Introductory University Mathematics</td>
<td>R A student who has passed 160.131, 160.132, 160.133, 160.101, 160.111, 160.112, 228.171, 228.172, 160.132 may not be taken after 160.133 has been passed</td>
</tr>
<tr>
<td>160.133</td>
<td>Processes in Mathematics</td>
<td>R 160.130, 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</td>
</tr>
</tbody>
</table>

### 60 credits from:

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>123.201</td>
<td>Chemical Energetics</td>
<td>P 123.102 or 123.172</td>
</tr>
<tr>
<td>123.202</td>
<td>Organic and Biological Chemistry</td>
<td>P 123.101 or 123.171</td>
</tr>
<tr>
<td>123.203</td>
<td>Inorganic Chemistry and Modelling</td>
<td>P 123.102 or 123.172</td>
</tr>
<tr>
<td>123.204</td>
<td>Chemical and Biochemical Analysis</td>
<td>P 123.101 or 123.171 or 123.172</td>
</tr>
<tr>
<td>123.206</td>
<td>Environmental and Analytical Chemistry</td>
<td>P 123.101 or 123.171 or 123.172</td>
</tr>
<tr>
<td>123.210</td>
<td>Organic Chemistry Perspectives</td>
<td>P 123.101 or 123.171 or 123.172</td>
</tr>
<tr>
<td>123.271</td>
<td>Molecules to Materials</td>
<td>P (123.171 or 123.101) and (123.172 or 123.102)</td>
</tr>
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</table>

### 60 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>123.310</td>
<td>Advanced Concepts in Organic Chemistry</td>
<td>P 123.202 or 123.210, R 123.312</td>
</tr>
<tr>
<td>123.311</td>
<td>Advanced Physical and Analytical Chemistry</td>
<td>P 123.201, 123.204</td>
</tr>
<tr>
<td>123.312</td>
<td>Advanced Organic Chemistry</td>
<td>P 123.202, 123.204</td>
</tr>
<tr>
<td>123.313</td>
<td>Advanced Inorganic Chemistry</td>
<td>P 123.203, 123.204</td>
</tr>
<tr>
<td>123.331</td>
<td>Advanced Physical and Computational Chemistry</td>
<td>P 123.201</td>
</tr>
<tr>
<td>123.332</td>
<td>Advanced Topics in Chemistry</td>
<td>P Any two of 123.202, (123.206 or 123.204), R 123.201</td>
</tr>
</tbody>
</table>

### Selection B:

236.301     | Advanced Nanoscience                     | P 123.201 or 236.201, R 123.325, 280.412 |
| 236.302     | Nanoscience and Chemistry Research Project | P (236.201, 124.230, 124.226) or (123.201, 123.202, 123.203, 123.204) |
| 123.326     | Advanced Chemical Biology                | P 123.202 |
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 159.258 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
159.360 Programming for Computer Graphics 15 P 159.270 or 159.271 or 159.272 and 161.1xx, R 159.235, 159.300
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

160.133 Processes 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, 226.172, 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

161.120 Introductory Statistics 15 R 161.100, 161.101, 161.110, 161.130, 161.140, 115.101, 159.101

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 157.2xxx or 158.2xxx or 159.2xxx; 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

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, or 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, 123.120, 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 III 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
## Environmental Science (195 credits)

### Compulsory courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>121.103</td>
<td>New Zealand Environments</td>
<td>15</td>
</tr>
<tr>
<td>121.211</td>
<td>Introduction to Physical Geography</td>
<td>15</td>
</tr>
<tr>
<td>233.101</td>
<td>Introductory Earth Science</td>
<td>15</td>
</tr>
<tr>
<td>121.212</td>
<td>Environmental Science Field Work I</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>
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### 15 credits from:

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>121.312</td>
<td>Environmental Science Field Work II</td>
<td>15</td>
</tr>
<tr>
<td>188.363</td>
<td>Environmental Science II</td>
<td>15</td>
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### 15 credits from:

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<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>
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### Compulsory (15 credits)

<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>

### 15 credits from:

- An approved 200-level course from the 120, 121, 123, 145, 162, 196, 199, 233, 283, 284 or 285 prefixes.

### 15 credits from:

- An approved 300-level course from the 120, 121, 123, 145, 162, 196, 199, 233, 283, 284 or 285 prefixes.

### 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:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>286.101</td>
<td>Equine Production</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>286.321</td>
<td>Responses to Training in the Equine Athlete</td>
<td>15</td>
</tr>
</tbody>
</table>

### Exercise and Sport Science (165 credits)

Compulsory courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course 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>234.121</td>
<td>Structural Kinesiology</td>
<td>15</td>
</tr>
<tr>
<td>234.241</td>
<td>Physiological Control Systems</td>
<td>15</td>
</tr>
<tr>
<td>234.222</td>
<td>Sport Biomechanics I</td>
<td>15</td>
</tr>
<tr>
<td>234.223</td>
<td>Exercise Physiology</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>

### 15 credits from:

- 161.101 Statistics for Business
- 161.120 Introductory Statistics
- 161.130 Introductory Biostatistics

### 15 credits from:

- 151.232 Nutrition and Metabolism
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:

Ergonomics/Human Factors: Work, Performance, Health and Design 128.300
Nutrition for Sport and Performance 151.332
Human Lifecycle Physiology 194.350 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 123.101; R 199.310, 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
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:

158.100 Computer Applications and the Information Age 15
240.260 Logistics and Supply Chain Fundamentals 15 R 115.260
240.262 Transportation Systems 15 R 115.262
240.263 Logistics Operations 15 R 240.261
240.363 Supply Chain Integration 30 P 240.260 or 240.261 or 240.263; R 240.360, 240.361
240.366 Global Logistics 15 P 240.260 or 240.263; R 240.261

15 credits from:

161.120 Introductory Statistics 15 R 161.100, 161.101, 161.110, 161.120, 161.140, 115.101, 195.101
161.130 Introductory Biostatistics 15 R 161.100, 161.101, 161.110, 161.120, 161.140, 115.101, 195.101

30 credits from:
Selection A

115.115 Management in Context 15 R 115.108
159.101 Programming Fundamentals 15
159.102 Computer Science Fundamentals 15 P 159.101; R 159.172
159.171 Computational Thinking and Software Development 15
159.172 Computational Thinking and Algorithms 15 P 159.171 or 159.101; R 159.102
178.100 Principles of Macroeconomics 15

Selection B (No more than 15 credits)

160.103 Introductory University Mathematics 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

160.131 Mathematics for Business I 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

160.132 Concepts in Mathematics 15

R 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

15 credits from:

240.362 Supply Chain Trends and Applications 15 R 115.362
240.364 Purchasing and Supply Management 15 P 240.260 or 240.261 or 240.263; R 240.360, 240.361
240.365 Demand Chain Management 15 P 240.260 or 240.261 or 240.263; R 240.360, 240.361

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:

162.101 Biology of Cells 15
199.101 Biology of Animals 15
161.250 Data Analysis for Biologists 15 P One of 115.101, 161.100–161.130, R 161.220
194.245 Animal Form and Function 15 P 199.101 or 194.101; R 194.243

196.225 Introductory Marine Biology 15 P 199.101; R 196.325
199.211 Invertebrate Zoology 15 P 199.101
196.326 Topics in Marine Ecology 15 P Two 200-level courses from prefixes 194, 196, 199
196.327 Marine Mammalogy 15 P 199.101 or 194.101
196.350 Quantitative Marine Ecology 15 P 161.220 or 161.250

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, 161.130, 161.140, 195.101
161.130 Introductory Biostatistics 15 R 115.101, 161.101, 161.100, 161.110, 161.120, 161.140, 195.101

15 credits from:

196.318 Molecular Ecology 15 P 162.101, plus any two courses from 196.205, 199.206, 196.225, 199.212, 199.211 or 120.101
199.312 Behavioural Ecology 15 P Two 199.2xx/196.2xx courses
247.300 Research in Biosciences 15

Marine Ecology Minor (60 credits)
199.101, 194.245 or 196.225; 196.326; 196.327.

Mathematics (150 credits)
30 credits from:

Option A

160.102 Linear Mathematics 15 R 160.112, 160.133, 228.172

Option B

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

Option C

160.132 Concepts in Mathematics 15 R 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 160.132, or 160.131, 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

60 credits from:

160.203 Calculus 15 P 160.101 or 160.112 or 160.133 or 228.172
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, 161.100–161.130, R 161.231

60 credits from:

124.332 Classical Fields 15 P 160.203; R 124.328, 160.317
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
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 (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
162.211 Biology and Genetics of Microorganisms 15 P 162.101, R 162.214
162.212 The Microbial World 15 P 162.101, (R) 162.211 or (141.222) or 162.213 or 196.213
162.283 Medical Microbiology 15 P 162.211
203.300 DNA Technology 15 P 122.231; R 203.340

45 credits from:
141.311 Food Technology 5: Food Microbiology and Safety 15 P One of 280.201, 141.222, 162.212 or 162.214
162.301 Advanced Medical Microbiology 15 P 162.211 or (141.222), 162.212, 162.283, 122.102, C 162.303, R 162.389
162.303 Immunology 15 P 162.101, R 162.389
162.304 Environmental Microbiology 15 P 162.212 and one of 141.222, 162.211, 162.213, 162.214, 196.213
162.307 Microbial Biotechnology 15 P 162.211 or (141.222), 162.212 or (280.201), 122.102
162.312 Molecular Microbiology 15 P 162.211, 203.300

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:
123.101 Chemistry and Living Systems 15 R 123.171
123.102 Chemistry and the Material World 15 R 123.172
124.111 Physics for Life Sciences 15 R 124.101, 124.171
123.203 Inorganic Chemistry and Modelling 15 P 123.102 or 123.172
124.230 Biophysics 15 P 124.101 or 124.111 or (124.171); 124.102 (124.172) or 123.101 or (123.171) or 123.102 or (123.172)
238.201 Nanoscience 15 P 123.201 or 238.201; R 123.325, 280.412
238.301 Advanced Nanoscience 15 P 123.201 or 238.201; R 123.325, 280.412
238.302 Nanoscience and Chemistry Research Project 15 P (238.201, 238.230, 238.245) or (123.201, 123.202, 123.203, 123.204)

15 credits from:
160.111 Mathematics 1A 15 P 160.103 or 160.131 or 160.132; R 160.101, 160.102, 160.161, 228.171
160.132 Concepts in Mathematics 15 R 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

15 credits from:
122.231 Genes and Gene Expression 15 P 123.101, 162.101

BACHELOR'S DEGREES
Nanoscience Minor (90 credits)
No new enrolments from 2018.
123.101, 123.102, 124.111, 236.201, 236.301, 236.302.

Physics (195 credits)
Compulsory courses:
124.102 Physics II(b) 15 R 124.171
124.111 Physics for Life Sciences 15 R 124.101, 124.171
124.226 Quantum and Statistical Physics 15 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
124.229 Special Relativity and Cosmology 15 P 124.101 or 124.111 or (124.171); R 124.227
124.230 Biophysics 15 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)
124.233 Classical Mechanics and Waves 15 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
160.203 Calculus 15 P 160.101 or 160.112 or 160.133 or 228.172
124.325 Advanced Quantum Physics 15 P 124.226, 124.233, 160.203
124.327 Modern Statistical Physics and Thermodynamics 15 P 124.226, 168.203
124.332 Classical Fields 15 P 160.203; R 124.328, 160.317

30 credits from:
Option A
160.102 Linear Mathematics 15 R 160.112, 160.133, 228.172

Option B
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

Option C
160.132 Concepts in Mathematics 15 R 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
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:

194.101 Essentials of Mammalian Biology 15 P 194.101
194.241 Physiological Control Systems 15 P 194.101
194.242 Physiology of Mammalian Organ Systems 15 P 194.101

90 credits from —
At least 15 credits from:

122.233 Metabolic Biochemistry 15 P 122.102
151.232 Nutrition and Metabolism 15 P 123.101, 122.102, R 151.344
194.243 Physiological Strategies for Survival 15 P 194.101 or 199.101; R 194.245
194.245 Animal Form and Function 15 P 194.101 or 199.101; R 194.243

At least 60 credits from:
Selection A (at least 30 credits)

194.344 Nerves and the Nervous System 15 P 194.241 and one of 194.242, 194.243
194.346 Control of Metabolism 15 P Two of 194.241, 194.242, 122.233. Student will be assumed to have studied at least 20 credits from NCEA Level 3 Biology and achieved at least 14, or passed Bursary Biology or 160.103 or an acceptable alternative.
194.350 Human Lifecycle Physiology 15 P 194.241 or 194.242

Selection B

151.333 Adult Nutrition and Positive Ageing 15 P 151.232 or 151.344
194.342 Cell Physiology 15 P Two of 194.241, 194.242, 122.233
194.345 Comparative Physiology 15 P One of 194.241–194.243 or 199.212
194.348 Applied Human Physiology 15 R 194.347, 234.304, 234.328

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:

120.101 Biology of Plants 15
162.101 Biology of Cells 15
284.101 Production Horticulture 15 R 171.127, 171.128
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
120.302 Plant Development 15 P 120.101 and any two courses from 120.2xx, 122.2xx, 162.2xx and 123.2xx

15 credits from:

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

30 credits from:
Selection A (No more than 15 credits)
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

Selection B

120.219 Plants and People 15
122.231 Genes and Gene Expression 15 P 123.101, 126.101
284.201 Horticultural Production Systems 15 P 284.101; R 171.227

45 credits from:

120.303 Plant Biodiversity 15 P 120.101, 203.202 or 122.231; R 120.216
196.316 New Zealand Plant Ecology 15 P 120.218 and 196.205
203.328 Genome Analysis 15 P 203.300; R 122.328
247.300 Research in Bionieves 15
284.301 Horticultural Crop Development and Yield 15 P 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

Psychology (150 credits)
Compulsory courses

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

45 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 Ngā 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
175.304 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
175.316 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

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:

161.200 Statistical Models 15 P 160.1xx or 228.171 and one of 115.101, 161.100–161.130, R 161.231
15 credits from:
Courses at 100 level with the prefix 160.
15 credits from:

<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>161.330</td>
<td>Introductory Biostatistics</td>
<td>15</td>
</tr>
<tr>
<td>161.220</td>
<td>Data Analysis</td>
<td>15</td>
</tr>
<tr>
<td>161.250</td>
<td>Data Analysis for Biologists</td>
<td>15</td>
</tr>
</tbody>
</table>

90 credits from:
Selection A (no more than 15 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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</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 161.20 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 (165 credits)
Compulsory courses:

<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>199.101</td>
<td>Biology of Animals</td>
<td>15</td>
</tr>
<tr>
<td>199.211</td>
<td>Invertebrate Zoology</td>
<td>15</td>
</tr>
<tr>
<td>199.212</td>
<td>Vertebrate Zoology</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>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>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>196.207</td>
<td>Biological Evolution</td>
<td>15</td>
</tr>
<tr>
<td>196.217</td>
<td>Evolutionary Biology</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>161.250</td>
<td>Data Analysis for Biologists</td>
<td>15</td>
</tr>
<tr>
<td>199.204</td>
<td>Animal Behaviour</td>
<td>15</td>
</tr>
</tbody>
</table>

60 credits from:

Selection A (at least 30 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>194.345</td>
<td>Comparative Physiology</td>
<td>15</td>
</tr>
<tr>
<td>199.310</td>
<td>Entomology</td>
<td>15</td>
</tr>
<tr>
<td>199.312</td>
<td>Behavioural Ecology</td>
<td>15</td>
</tr>
<tr>
<td>199.317</td>
<td>Animal Biodiversity</td>
<td>15</td>
</tr>
<tr>
<td>199.320</td>
<td>Selected Topics in Zoology</td>
<td>15</td>
</tr>
<tr>
<td>199.330</td>
<td>Ornithology</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>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>
<tr>
<td>196.313</td>
<td>Limnology</td>
<td>15</td>
</tr>
<tr>
<td>196.315</td>
<td>Applied Ecology and Resource Management</td>
<td>15</td>
</tr>
<tr>
<td>196.318</td>
<td>Molecular Ecology</td>
<td>15</td>
</tr>
<tr>
<td>196.327</td>
<td>Marine Mammalogy</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>

15 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>161.250</td>
<td>Data Analysis for Biologists</td>
<td>15</td>
</tr>
<tr>
<td>199.204</td>
<td>Animal Behaviour</td>
<td>15</td>
</tr>
</tbody>
</table>

Back to Contents
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>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>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>
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</tbody>
</table>

15 credits from:

<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>
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</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>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.201</td>
<td>Te Kawaenato 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>

Note: Course numbers ending in 101 or 102 are prerequisites for the course numbers ending in 201 or 202. Additionally, all courses ending in 201 are prerequisites for those ending in 202.
The Degree of Bachelor of Speech and Language Therapy
BSpeechLangTHER

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:

Part Three (105 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>179.310</td>
<td>Integrated Practice with Groups and Families</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>179.355</td>
<td>Field Education I</td>
<td>45</td>
</tr>
<tr>
<td>271.392</td>
<td>Field Work and Clinical Skills I</td>
<td>15</td>
</tr>
<tr>
<td>271.396</td>
<td>Field Work and Clinical Skills II</td>
<td>15</td>
</tr>
<tr>
<td>271.496</td>
<td>Advanced Clinical Course I</td>
<td>15</td>
</tr>
<tr>
<td>271.498</td>
<td>Advanced Clinical Course II</td>
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</table>

Part Four (135 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>179.410</td>
<td>Social Work Fields of Practice</td>
<td>30</td>
</tr>
<tr>
<td>179.420</td>
<td>Advanced Social Work Practice</td>
<td>30</td>
</tr>
<tr>
<td>179.440</td>
<td>Management of the Social Services</td>
<td>15</td>
</tr>
<tr>
<td>179.455</td>
<td>Field Education II</td>
<td>45</td>
</tr>
<tr>
<td>279.401</td>
<td>Social Policy Evaluation</td>
<td>15</td>
</tr>
</tbody>
</table>

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

<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 in Different Learning Contexts</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 I</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>
<tr>
<td>271.256</td>
<td>Field Work and Clinical Skills I</td>
<td>15</td>
</tr>
<tr>
<td>271.257</td>
<td>Child Language Disorders II</td>
<td>15</td>
</tr>
<tr>
<td>271.258</td>
<td>Neurogenic Communication Disorders I</td>
<td>15</td>
</tr>
</tbody>
</table>

Part 3

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>172.233</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>
</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 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;
   (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:

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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>
<tr>
<td>271.397</td>
<td>Adult Dysphagia</td>
<td>15</td>
</tr>
<tr>
<td>271.398</td>
<td>Research Methods for Speech and Language Therapy</td>
<td>15</td>
</tr>
<tr>
<td>254.337</td>
<td>Teaching and Learning with Pasifika Peoples in New Zealand</td>
<td>15</td>
</tr>
<tr>
<td>271.486</td>
<td>Speech and Language Therapy Practice and Diverse Clinical Populations</td>
<td>15</td>
</tr>
<tr>
<td>271.487</td>
<td>Paediatric Dysphagia and Feeding Disorders</td>
<td>15</td>
</tr>
<tr>
<td>271.488</td>
<td>Aural Rehabilitation, Assessment and Intervention</td>
<td>15</td>
</tr>
<tr>
<td>271.489</td>
<td>Voice Disorders, Assessment and Treatment</td>
<td>15</td>
</tr>
<tr>
<td>271.490</td>
<td>Advanced Topics in Speech and Language Therapy</td>
<td>15</td>
</tr>
<tr>
<td>271.496</td>
<td>Advanced Clinical Course I</td>
<td>15</td>
</tr>
<tr>
<td>271.498</td>
<td>Advanced Clinical Course II</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>P 271.496; R 186.498</td>
<td></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 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 (180 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.

The Degree of Bachelor of Sport and Exercise

BSpEx

7. Approved minors are: Equine, and Sport and Exercise Psychology.

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 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 Title</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 Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>247.155</td>
<td>Communication in the Sciences</td>
</tr>
<tr>
<td>219.100</td>
<td>Introduction to Business</td>
</tr>
<tr>
<td>230.111</td>
<td>Tū Kupu: Writing and Inquiry</td>
</tr>
</tbody>
</table>

Schedule B: Specialisations

Equine Minor

Compulsory courses (60 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>286.101</td>
<td>Equine Production</td>
<td>15</td>
</tr>
<tr>
<td>286.221</td>
<td>Structure and Function of the</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>Equine Athlete</td>
<td></td>
</tr>
<tr>
<td>286.321</td>
<td>Responses to Training in the</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>Equine Athlete</td>
<td></td>
</tr>
</tbody>
</table>
The Degree of Bachelor of Sport Management
BSptMgt

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:

- Compulsory courses (30 credits):

- Elective courses (180 credits):
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 Practicum.

Credit will be given only for the practical work completed in accordance with the conditions detailed by the Veterinary Practical Work Committee.

The Degree of Bachelor of Veterinary Science
BVSc
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
First Examination
123.101 Chemistry and Living Systems 15  R 123.171
124.111 Physics for Life Sciences 15  R 124.101, 124.171
162.101 Biology of Cells 15
199.101 Biology of Animals 15

Professional Phase
Second Examination
227.110 Farm Practical Training 0
227.111 Biochemistry for Veterinary Science 12
227.112 Veterinary Structure and Function I 13
227.113 Animal Production, Behaviour, Welfare and Handling 16
227.114 Veterinary Professional Studies 7
227.115 Integrative Studies in Veterinary Science I 12

Third Examination
227.211 Veterinary Structure and Function II 46
227.212 Animal Production for Veterinarians I 15
227.213 Introductory Veterinary Clinical Studies I 10
227.214 Integrative Studies in Veterinary Science II 12
227.215 Animal Production for Veterinarians II 15
227.216 Veterinary Infectious and Parasitic Diseases I 10
227.217 Integrative Studies in Veterinary Science III 12

Fourth Examination
227.310 BVSc Farm Practical Work 0
227.311 Farm Animal Population Health and Production 22
227.312 Veterinary Infectious and Parasitic Diseases II 19
227.313 Veterinary Anatomic and Clinical Pathology I 21
227.314 Introductory Veterinary Clinical Studies II 16
227.316 Small Animal and Equine Medicine, Surgery and Therapeutics I 18
227.317 Integrative Studies in Veterinary Science V 12
227.325 Integrative Studies in Veterinary Science IV 12

Fifth Examination
227.410 BVSc Veterinary Practical Work 0
227.411 Veterinary Anatomic and Clinical Pathology II 16
227.412 Integrative Studies in Infectious Diseases 6
227.413 Cattle Health, Production, Population Medicine and Therapeutics 12
227.414 Small Animal and Equine Medicine, Surgery and Therapeutics II 25
227.416 Production Animal Medicine and Veterinary Public Health 12
227.417 Small Animal and Equine Medicine, Surgery and Therapeutics III 25
227.418 Integrative Studies in Veterinary Science VII 12
227.425 Integrative Studies in Veterinary Science VI 12

Sixth Examination
227.511 Veterinary Clinics and Public Health 120
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.

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 in writing 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:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>247.155</td>
<td>Communication in the Sciences</td>
<td>15</td>
</tr>
<tr>
<td>123.101</td>
<td>Chemistry and Living Systems</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>

Professional Phase
Part Two courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>193.103</td>
<td>Animal Behaviour, Handling and Welfare</td>
<td>15</td>
</tr>
<tr>
<td>193.122</td>
<td>Principles and Practice of Veterinary Nursing</td>
<td>15</td>
</tr>
<tr>
<td>193.124</td>
<td>Comparative Anatomy for Veterinary Technologists</td>
<td>15</td>
</tr>
<tr>
<td>194.101</td>
<td>Essentials of Mammalian Biology</td>
<td>15</td>
</tr>
</tbody>
</table>
Part Three courses:
- Animal Nutrition: P 117.154 or R 117.161 or 286.131 or 117.161
- Biochemistry for Technology: 122.222
- Surgery and Imaging: 193.210
- Pathology for Veterinary Technologists: 193.204
- Anaesthetic Monitoring and Equipment: 193.205
- Veterinary Medical Nursing: 193.212
- Pharmacology and Toxicology for Veterinary Technologists: 193.214
- Veterinary Technology Clinical Experience: 193.220

Part Four courses:
- Veterinary Biostatistics and Epidemiology for Veterinary Technologists: 193.301
- Advanced Clinical Studies: 193.303
- Integrative Studies for Veterinary Technologists: 193.306

and 30 credits from one of the tracks in Schedule B.

Schedule B

Equine Track
- 286.101 Equine Production: 15 R 117.154, 117.257

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:
   b) Course 230.210 must be completed within the first 195 credits of the BA component.
   c) 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.

Large Animal Track
- 117.342 Animal Nutrition: 15 P 117.254
- 117.345 Genetics for Livestock Improvement: 15 P 117.254 or 203.202

Management/Business Track
- 115.115 Management in Context: 15 R 115.102
- 115.115 Principles of Human Resources Management: 15
- 152.232 Small Business Management: 15

Small Animal Track
- 194.241 Physiological Control Systems: 15 P 194.101
- 194.242 Physiology of Mammalian Organ Systems: 15 P 194.101
- 117.361 Companion Animal Science: 15 P 117.254
- 193.304 Animal Welfare Emergency Management: 15 P 193.204 or 130.201 or 117.2xx or 119.2xx or 112.2xx
- 193.305 Advanced Animal Behaviour: 15 P 193.212 or 117.255 or 175.102 or 199.101 or 286.251
(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:
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:

The Joint 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.

The Conjoint Programme for Bachelor of Arts and Bachelor of Science
BA/BSc

MASSEY UNIVERSITY 2018 CALENDAR 257
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.

Qualification Requirements

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 conjointly 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 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.

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 conjointly 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 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.

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 conjointly 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 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.
(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.

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 three disciplines (as determined by prefix) corresponding to Bachelor of Science specialisations, excluding courses from Schedule A.
(b) A communication course as specified in Schedule A of the Bachelor of Science;
(c) The majoring requirements of at least one subject as specified in Schedule B of the BSc Schedule.

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 Conjunct Programme for Bachelor of Business and Bachelor of Science.
12. Candidates may be graduated and jointly awarded the Bachelor of Business 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 Business or the Bachelor of Science or another qualification should they meet the relevant Qualification requirements.

Te Aho Tātairangi: The Degree of Bachelor of Teaching and Learning Kura Kaupapa Māori
BTchgLrnKKM

Subject to CUAP and EDUCANZ approval

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 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.

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 Business 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 – BBus Component
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 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) 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.
(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 has already been completed towards that major.

The transition arrangements established under Regulation 15 expire 31 December 2023.

16. All candidates who commenced study towards the conjoint programme of the Bachelor of Business and Bachelor of Science prior to 1 January 2017 may elect to be awarded the alternative title of Bachelor of Business Studies and Bachelor of Science 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 16 expire 31 December 2021.

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 Taiāo o ngā Kura Kaupapa Māori I;
(b) 268.207 Te Taiāo mō Te Aho Matua o ngā Kura Kaupapa Māori II;
(c) 268.307 Te Taiāo mō Te Aho Matua – te whakarite i te taiāo 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.
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>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<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 Tuhituki i Te Kura Kaupapa</td>
<td>15</td>
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<tr>
<td>268.130</td>
<td>Te Irau</td>
<td>15</td>
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<tr>
<td>268.131</td>
<td>Te Aho Matua Marautanga I</td>
<td>30</td>
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<td>300.111</td>
<td>Te Reo Konakini: Developing Te Reo</td>
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Part Two (120 credits)
Te Tau Tuara

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<tr>
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<tbody>
<tr>
<td>268.207</td>
<td>Te Taiao mō Te Aho Matua o ngā Kura Kaupapa Māori II</td>
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<tr>
<td>268.211</td>
<td>Te Tiringa</td>
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<td>268.220</td>
<td>Tikanga Pāngarau II</td>
<td>15</td>
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<td>268.222</td>
<td>Te Kupu Tā II – Te Pānui Tuhituki i Te Kura Kaupapa Māori</td>
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<tr>
<td>268.240</td>
<td>Te Ira Tangata o Te Aho Matua Ko Te Tupu o Te Tangata</td>
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<tr>
<td>268.241</td>
<td>Te Marautanga o Te Aho Matua o ngā Kura Kaupapa Māori II: ko te tūtui i ngā kaupapa hei marautanga</td>
<td>15</td>
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<td>300.211</td>
<td>Te Reo Whakanakono: Embellishing Te Reo</td>
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Part Three (120 credits)
Te Tau Tuatou

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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>268.307</td>
<td>Te Taiao mō Te Aho Matua – te whakarite i te taiako ki te popo i te ako i roto i ngā Kura Kaupapa Māori III</td>
<td>30</td>
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<td>268.310</td>
<td>Te Puanga</td>
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<tr>
<td>268.320</td>
<td>Tikanga Pāngarau III</td>
<td>15</td>
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<tr>
<td>268.322</td>
<td>Te Kupu Tā – Te Pānui Tuhituki i Te Kura Kaupapa Māori III</td>
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<td>268.340</td>
<td>Te Tino Uaratanga o Te Aho Matua – Ngā Hua o te Ako</td>
<td>15</td>
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<tr>
<td>268.341</td>
<td>Te Marautanga o Te Aho Matua o ngā Kura Kaupapa Māori II: ko te tūtui i ngā kaupapa hei marautanga</td>
<td>15</td>
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<tr>
<td>300.311</td>
<td>Te Reo Pāpā: Strengthening Te Reo</td>
<td>15</td>
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Te Aho Tātairangi: The Degree of Bachelor of Teaching Māori Medium/Diploma in Māori Education
BTchgMāoriMed/DipMāoriEd

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:
   (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 150.311 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
268.107 Te Aho Matua Taiao o ngā Kura Kaupapa Māori I 15
268.110 Te Hā 15
268.120 Tikanga Pāngarau I 15
268.121 Te Kupu Tā I – Pānui tuhihi i Te Kura Kaupapa 15
268.130 Te Iraruia 15
268.131 Te Aho Matua Marautanga I 30
300.111 Te Reo Kōnakinaki: Developing Te Reo 15

Te Tau Tuarua – Year Two
268.211 Te Tiringa 15 P 268.110
268.217 Te Kawa o Te Kura II 30 P 268.107
268.220 Tikanga Pāngarau II 15 P 268.120
268.221 Te More 15 P 268.121
268.230 Te Iraruia II 15 P 268.130
268.231 Te Aro ā-Wai 15 P 268.131
300.210 Te Reo Kōnakinaki: Discussing in Te Reo 15 P 300.111

Te Tau Tuatoru – Year Three
300.211 Te Reo Whakanaconako: Embellishing Te Reo 15 P 300.111
268.310 Te Puanga 15 P 268.211
268.317 Te Kawa o Te Kura III 30 P 268.217
268.320 Tikanga Pāngarau III 15 P 268.220
268.321 Te Weu 15 P 268.221
268.330 Te Iraruia III 15 P 268.230
268.331 Te Aro ā-Tū, ā-Rongo 15 P 268.231

Te Tau Tuawhā – Year Four
300.311 Te Reo Papā: Strengthening Te Reo 15 P 300.211
268.417 Te Kawa o Te Kura IV 30 P 268.317
268.421 Te Aka 15 P 268.321
268.430 Te Kura Nui 30 P 268.330, 268.310
268.431 Te Aro ā-Tah i 15 P 268.331

Elective Studies (select one of the following)
Either:
172.233 Language Learning Processes 15
269.332 Māori Issues in Education 15
254.377 Teaching and Learning Languages up to Year 10 15 P 207.377

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.
The Postgraduate Diploma in Accountancy
PGDipAcc

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;
   (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>Name</th>
<th>Credits</th>
<th>EFTS</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**

<table>
<thead>
<tr>
<th>Compulsory courses (30 credits):</th>
</tr>
</thead>
<tbody>
<tr>
<td>112.747 International Food and Agribusiness Strategies 15</td>
</tr>
<tr>
<td>178.740 Global Food Markets and Trade 15</td>
</tr>
</tbody>
</table>

Elective courses at least 90 credits from:

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course name</th>
</tr>
</thead>
<tbody>
<tr>
<td>112.701</td>
<td>Farm Management</td>
</tr>
<tr>
<td>112.702</td>
<td>International Agri-Food Marketing Strategies</td>
</tr>
<tr>
<td>112.743</td>
<td>Cooperative Governance and Management</td>
</tr>
<tr>
<td>119.731</td>
<td>Topics in Agricultural Extension and Consultancy</td>
</tr>
<tr>
<td>119.752</td>
<td>Advanced Farm and Horticultural Management</td>
</tr>
<tr>
<td>119.791</td>
<td>Special Topic</td>
</tr>
<tr>
<td>119.792</td>
<td>Special Topic</td>
</tr>
<tr>
<td>152.752</td>
<td>Project Management</td>
</tr>
<tr>
<td>178.742</td>
<td>Environmental Economics for Non-Economists</td>
</tr>
<tr>
<td>178.755</td>
<td>Economic Growth, International and Development Economics</td>
</tr>
<tr>
<td>247.791</td>
<td>Special Topic in Data Analysis</td>
</tr>
<tr>
<td>284.703</td>
<td>Vegetable Production Science</td>
</tr>
<tr>
<td>284.704</td>
<td>Fruit Production Science</td>
</tr>
</tbody>
</table>

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### The Postgraduate Diploma in Applied Linguistics
**PGDipAppLing**

#### 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 Applied Linguistics requires that the candidate shall:
   (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 Diploma in Applied Linguistics shall follow a flexible programme of study totalling at least 120 credits as detailed in the Schedule for the Qualification.

#### Specialisations

3. The Postgraduate Diploma in Applied Linguistics is awarded without specialisation.

#### Student Progression

4. In cases of sufficient merit, the Postgraduate Diploma in Applied Linguistics 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 Applied Linguistics**

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course name</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 credits from:</td>
<td></td>
</tr>
<tr>
<td>272.702</td>
<td>Second Language Learning Theories and Processes</td>
</tr>
<tr>
<td>272.703</td>
<td>Contemporary Approaches to Language Teaching Methodology</td>
</tr>
<tr>
<td>272.704</td>
<td>Contextualising Curriculum and Materials Design</td>
</tr>
<tr>
<td>272.715</td>
<td>Current Issues in Applied Linguistics</td>
</tr>
</tbody>
</table>
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:
- 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

Economics
Subject courses:
- 125.785 Research Methods in Economics and Finance 30
- 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
- 178.732 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

Education
Subject courses:
- 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
- 269.733 Mana Motuhake: Contemporary Issues in Māori and Indigenous Education 30

English
List A subject courses
At least 90 credits from:
- 139.703 Critical and Creative Research 30
- 139.707 Women, Desire and Narrative 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  
| 154.204 or 154.224 or 154.304 |

### Philosophy

**Compulsory course:**

134.710 Philosophical Research 30

**Subject courses:**

134.740 Advanced Study of Philosophical Topics 30
134.750 Advanced Study of Philosophical Texts 30
134.760 Advanced Philosophical Inquiry 30
134.798 Research Report (30) 30
134.799 Research Report (60) 60

### 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
200.762 Presidents and Prime Ministers 30
219.708 Political Communication 30

### 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
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 including:
   (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.
or will:
(b) have been awarded or qualified for a bachelor’s degree with a grade average of at least B- across the highest level courses, or equivalent; and
(c) have completed at least two full time years or equivalent part time banking sector experience; or
(d) have completed studies in finance at undergraduate level approved by the Academic Board or their delegate as sufficient for entry.

2. In all cases candidates will be required to meet the University admission requirements as specified.

Qualification Requirements
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
(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>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>125.700</td>
<td>Managerial Finance</td>
<td>30</td>
<td>P Permission Head of School; R 125.330</td>
</tr>
<tr>
<td>137.710</td>
<td>The Theory and Management of Banking</td>
<td>30</td>
<td>P Permission Head of School; R 137.701, 137.702</td>
</tr>
</tbody>
</table>

Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>137.703</td>
<td>International Banking and Financial Markets</td>
<td>30</td>
<td>C 137.710</td>
</tr>
<tr>
<td>137.704</td>
<td>Risk Management for Financial Institutions</td>
<td>30</td>
<td>P Graduate status and 137.710</td>
</tr>
<tr>
<td>137.711</td>
<td>Strategic Banking Issues</td>
<td>30</td>
<td>P/C 137.710, R 137.701, 137.702</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:

- 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
- 137.710 The Theory and Management of Banking 30 P Permission Head of School; R 137.701, 137.702
- 137.711 Strategic Banking Issues 30 P/C 137.710; R 137.701, 137.702

Finance subject courses
60 credits from:

- 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

Business Law (closed to new enrolments from 2017)
Subject courses
At least 90 credits from:

- 152.781 Advanced Research Methods in Business 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

Communication (closed to new enrolments from 2017)
Subject courses
At least 90 credits from:

- 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

Economics (closed to new enrolments from 2017)
Subject courses
At least 90 credits from:

- 125.785 Research Methods in Economics and Finance 30
- 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

Finance (closed to new enrolments from 2017)
Subject courses
At least 90 credits from:

- 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
- 125.799 Research Report 30

Financial Economics (closed to new enrolments from 2017)
Finance subject courses
60 credits from:

- 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
- 125.799 Research Report 30

Economics subject courses
60 credits from:

- 125.785 Research Methods in Economics and Finance 30
- 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
Human Resource Management (closed to new enrolments from 2017)

Subject courses
At least 90 credits from:

114.702 Human Resource Management and Workplace Relations 30
114.709 Managing the Employment Relationship 30
114.710 Organisational Learning 30
114.722 Advanced Organisational Behaviour 30
114.723 Performance Management 30
114.728 Valuing Human Resource Talent in Business Enterprises 30
114.735 Competitive Advantage and HRM Strategy 30
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
251.775 Special Topic in Occupational Safety and Health 30

Management (closed to new enrolments from 2017)

Subject courses
At least 90 credits from:

152.700 Organisation and Management 30
152.701 Advanced Management 30
152.702 Advanced Strategic Management 30
152.704 Business and Sustainability 30
152.705 Advanced Change Management Leading and Changing Organisations 30
152.707 Leadership 30
152.709 Management of Fitness/Athletic Conditioning 30
152.724 Advanced Services Management 30
152.731 Innovation and New Ventures 30
152.732 Issues in Entrepreneurship 30
152.740 Public Sector Management 30
152.742 Health Systems Management 30
152.743 Health Policy 30
152.746 Contemporary Issues in Health Service Management 30
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

Marketing (closed to new enrolments from 2017)

Subject courses
At least 90 credits from:

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
234.731 Advanced Sport in the Social Context 30
234.732 Advanced Sport Management 30
234.736 Advanced Sport Coaching 30
234.738 Advanced Sport Practicum 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
114.709 Managing the Employment Relationship 30
114.710 Organisational Learning 30
114.722 Advanced Organisational Behaviour 30
114.723 Performance Management 30
114.728 Valuing Human Resource Talent in Business Enterprises 30
114.735 Competitive Advantage and HRM Strategy 30
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
137.710 The Theory and Management of Banking 30
152.700 Organisation and Management 30
152.701 Advanced Management 30
152.702 Advanced Strategic Management 30
152.704 Business and Sustainability 30

270 MASSEY UNIVERSITY 2018 CALENDAR
### 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)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.761</td>
<td>Theory and Practice of Cognitive Behaviour Therapy</td>
<td>15</td>
</tr>
<tr>
<td>175.762</td>
<td>Cognitive Behaviour Therapy for Depression</td>
<td>15</td>
</tr>
<tr>
<td>175.763</td>
<td>Cognitive Behaviour Therapy for Anxiety Disorders</td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**
- **P/C** indicates that the course is available as a pass course with a credit option.
- **Research Report** refers to the documentation of the candidate's practice and scholarship in their field of study.
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)

154.721 The Communication Field 30

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
(b) shall have been awarded or qualified for the Bachelor of Construction or an equivalent qualification.

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 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 Postgraduate Diploma in Construction
Schedule A: Endorsement Courses
Building Technology (60 credits)
228.769 Energy-Efficient Building Design 15 P 228.741 or 228.743; R 142.769
218.730 Construction Project Management 15
228.743 Energy Management 15 P 228.741 or 228.769 or 280.271; R 142.743
218.761 Design and Management of Healthy Buildings 15 R 218.760

Construction Law (60 credits)
218.763 Construction Law I 15
218.764 Construction Law II 15
218.765 Construction Adjudication 15
218.730 Construction Project Management 15

Construction Project Management (60 credits)
218.710 Advanced Construction Planning and Scheduling 15
218.720 Advanced Construction Site Operations and Control 15
218.730 Construction Project Management 15
218.763 Construction Law I 15

Facilities Management (75 credits)
114.702 Human Resource Management and Workplace Relations 30 R any 30 credits from 114.700, 114.701, 114.704, 114.705
218.730 Construction Project Management 15
218.751 Design and Management of Healthy Buildings 15 R 218.760
228.743 Energy Management 15 P 228.741 or 228.769 or 280.271; R 142.743

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

Schedule B: Elective Courses
114.710 Organisational Learning 30
130.705 Emergency Management 30
132.731 Planning Law 30
228.740 Energy Policy 15 R 142.741
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
228.744 Case Studies of Renewable Energy Systems 15 P 142.741 or 228.741; R 142.744
228.745 Renewable Energy Conversion Devices 15 P 228.741 or 228.744; R 142.745
228.746 Renewable Energy Resources 15 R 142.746
228.747 Renewable Energy Systems Design 15 P 228.741 or 228.744; 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
228.756 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
228.769 Energy-Efficient Building Design 15 P 228.741 or 228.743; R 142.769
287.730 Quality Management 30 R 143.719, 287.733
228.894 Research Report 30 R 140.802

The Postgraduate Diploma in Counselling
PGDipCouns

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
   (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 B – Endorsement Courses

Fashion Design

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisite</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 237.330; 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>Prerequisite</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 237.330; or B- average over 198.355 and 198.392; 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>Prerequisite</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 237.330; 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>Prerequisite</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 237.330; 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>Prerequisite</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 237.330; or B- average over 223.302 and 223.393; 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 or (223.450 and 223.451)</td>
</tr>
</tbody>
</table>

Visual Communication Design

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisite</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 237.330; or B- average over 222.381 and one of (222.302, 222.311, 222.321, 222.331, 222.341, 222.356, 222.371); or PGDipDes admission; R 197.380 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>Credits</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>197.440</td>
<td>Contemporary Design Project D</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
</tr>
<tr>
<td>197.441</td>
<td>Contemporary Design Project E</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
</tr>
<tr>
<td>197.442</td>
<td>Contemporary Design Project F</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
</tr>
<tr>
<td>197.443</td>
<td>Contemporary Design Project G</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
</tr>
<tr>
<td>197.445</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 224.358</td>
</tr>
<tr>
<td>197.446</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 224.358</td>
</tr>
<tr>
<td>197.470</td>
<td>Creative Ecologies III</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>
</tr>
<tr>
<td>197.471</td>
<td>Social Interventions Through Design</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>
</tr>
<tr>
<td>197.490</td>
<td>Design Special Topic A</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
</tr>
<tr>
<td>197.495</td>
<td>Design Independent Study</td>
<td>15</td>
<td>P Permission Head of School</td>
</tr>
<tr>
<td>197.499</td>
<td>Design Special Topic</td>
<td>30</td>
<td>P Permission Course Coordinator</td>
</tr>
<tr>
<td>197.433</td>
<td>Designing Science Fiction</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>
</tr>
<tr>
<td>197.434</td>
<td>Design Awards and Competitions</td>
<td>15</td>
<td>P Permission Course Coordinator</td>
</tr>
</tbody>
</table>
The Postgraduate Diploma in Education
PGDipEd

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 an endorsement, including any compulsory courses. The requirements for each endorsement are set out in the Schedule for the Diploma.

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 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):**

- 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

**Compulsory courses (60 credits):**

- 259.771 Educational Leadership in Action 30
- 259.772 Theory and Process in Educational Leadership 30

**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 186.754, 188.747
- 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:
  - 254.702 Facing Big Questions in Education 30
  - 263.701 Enhancing Teacher Learning and Mentoring 30
  - 263.704 Advanced Studies in Motivation and 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:
  - 269.733 Mana Motuhake: Contemporary Issues in Māori and Indigenous Education 30
  - 269.735 Mana Kura: Leadership in Māori Education 30
  - 269.736 Mana Mātauranga: Indigeneity, Innovation and Information 30

### E-Learning

**Compulsory courses (60 credits):**

- 261.760 Instructional Design for E-Learning 30
- 261.764 Foundations of E-Learning 30

**Endorsement courses:**

- At least 30 credits from:
  - 261.765 Trends in E-Learning 30
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>263.705</td>
<td>Assessment for Learning and Teaching</td>
<td>30</td>
</tr>
<tr>
<td>263.706</td>
<td>Adolescent Learning and Engagement</td>
<td>30</td>
</tr>
</tbody>
</table>

### Teaching English to Speakers of Other Languages Leadership

**Compulsory courses (60 credits):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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>
</tbody>
</table>

**Endorsement courses**

At least 30 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>257.769</td>
<td>Teaching Content to English Language Learners</td>
<td>30</td>
</tr>
<tr>
<td>259.780</td>
<td>Language Policy and Assessment</td>
<td>30</td>
</tr>
</tbody>
</table>

### Tertiary Education

**Compulsory courses (30 credits):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>273.784</td>
<td>Learning and Teaching in Tertiary Education</td>
<td>30</td>
</tr>
</tbody>
</table>

**Endorsement courses**

At least 30 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>253.753</td>
<td>Guidance in Education</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>269.732</td>
<td>Cultural Differences and Education</td>
<td>30</td>
</tr>
</tbody>
</table>

### 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:
   
<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>

   (b) At least one of the following courses:
   
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>254.701</td>
<td>Ethics 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>254.773</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>
</tbody>
</table>

**Endorsement 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>273.722</td>
<td>Adult Learning: Myths and Realities</td>
<td>30</td>
</tr>
<tr>
<td>273.723</td>
<td>Cultures and Learning: Diversity in Tertiary Education</td>
<td>30</td>
</tr>
<tr>
<td>273.724</td>
<td>The Expert Teacher of Adults: Principles and Practice</td>
<td>30</td>
</tr>
<tr>
<td>273.785</td>
<td>Assessment and Evaluation in Tertiary Education</td>
<td>30</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>254.706</td>
<td>Advanced Studies in Curriculum Policy and Practice</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>262.751</td>
<td>Theory and Foundations of Gifted and Talented Education</td>
<td>30</td>
</tr>
<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</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>Management of Human Resources in Educational Organisations</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>259.776</td>
<td>Gender Issues and Educational Leadership</td>
<td>30</td>
</tr>
<tr>
<td>259.777</td>
<td>Leadership and Learning in Diverse Contexts</td>
<td>30</td>
</tr>
<tr>
<td>269.711</td>
<td>Policy and Development in Māori Education</td>
<td>30</td>
</tr>
<tr>
<td>273.725</td>
<td>Leadership and Communication in Tertiary Education</td>
<td>30</td>
</tr>
</tbody>
</table>

(c) Subject to the approval of the College Pro Vice-Chancellor or nominee, courses may be selected from the following to the value of 30 credits:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>253.753</td>
<td>Guidance in Education</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>269.732</td>
<td>Cultural Differences and Education</td>
<td>30</td>
</tr>
</tbody>
</table>

or other courses listed in other Masterate Schedules.

**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.
The Postgraduate Diploma in Educational and Developmental Psychology
PGDipEdDevPsych

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 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 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.

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 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 Progress**
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.

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**The Postgraduate Diploma in Engineering PGDipE**

**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 Emergency Management**

**Compulsory courses (60 credits):**
- 130.705 Emergency Management 30
- 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

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**Student Progress**
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.

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**Schedule for the Postgraduate Diploma in Engineering**

**Schedule A: Endorsements**

**Electronics and Computer Engineering**
- 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, 281.448, 281.466
- 281.785 Advanced Computer Engineering 15 P 281.384, R 143.474, 281.474

**Energy Management**
- 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 Client Change Science and Policy 15 R 142.748

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* No new enrolments from 2018


* No new enrolments from 2018
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.

Renewable Energy Systems
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 142.741 or 228.741; R 142.744
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
228.755 Sustainable Energy Systems and Society 15
228.767 Greenhouse Gas Mitigation Analysis 15 P 142.748 or 228.748; R 142.767

Schedule B: Elective Courses
119.728 Research Practice 15
141.708 Food Packaging, Preservation and Storage 15 P 280.201, 141.311
228.797 Research Methods in Engineering 15 R 228.340
280.760 Industrial Refrigeration 15 R 142.760

Energy Management
P 228.311 or 228.312; R 287.703
15
15
15

Simulation, Modelling and Optimisation
282.748 15 P 281.786, 282.371; R 143.462, 282.462
282.747 15 P 281.353, 282.371; R 143.478, 282.478

Packaging Technology
228.733 Packaging Technology II 15 R 183.746

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.

Renewable Energy Systems
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 142.741 or 228.741; R 142.744
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
228.755 Sustainable Energy Systems and Society 15
228.767 Greenhouse Gas Mitigation Analysis 15 P 142.748 or 228.748; R 142.767

Schedule B: Elective Courses
119.728 Research Practice 15
141.708 Food Packaging, Preservation and Storage 15 P 280.201, 141.311
228.797 Research Methods in Engineering 15 R 228.340
280.760 Industrial Refrigeration 15 R 142.760

Engineering and Innovation Management
No new enrolments from 2018 pending qualification review.
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 Systems Development and Management 15 P 228.371; R 287.730
287.742 Business Process Improvement 15 P 228.371; R 287.730
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

Mechatronics
282.758 Simulation, Modelling and Optimisation 15 R 143.458, 282.458
282.762 Robotics and Automation 15 P 281.384, 282.372; R 143.462, 282.462
282.772 Industrial Systems Design and Integration 15 P 159.270, 282.371, 282.372; R 143.472, 282.472
282.778 Mechatronics 15 P 281.353, 282.371; R 143.478, 282.478

Packaging Technology
228.733 Packaging Technology II 15 R 183.746

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.

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):
188.764 Advanced Environmental Management I 15 R. 188.763
188.765 Advanced Environmental Management II 15 R. 188.763
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 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.

The Postgraduate Diploma in Fine Arts

PGDipFA

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>Credits</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>238.711</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>

Option A: Water

145.731     Applied Fluid Geomorphology               15     R 145.705
189.755     Soil and Water Pollution                   30     P 189.363
189.758     Advanced Soil Water Management             15     P 189.252
196.712     Aquatic Ecology                             30     P 196.313 or 121.313

Option B: Land

189.753     Soil and Land Evaluation                    30     P 189.364
189.757     Advanced Soil Conservation                  15     P 189.252
196.713     Ecology                                      30     P 189.3xx or 199.3xx
196.726     Plant Ecology                                30     P 196.316
233.701     Advanced Pedology                           30     P 189.364
233.710     Geology, Hazard and Society; Environmental Geology A | 15     P 121.310 or 121.311; R 233.758
233.711     Applied Environmental Geology; Environmental Geology B | 15     P 121.310 or 121.311; R 233.758

Option C: Techniques and Tools

132.738     GIS Principles and Applications            30
132.740     Geographic Information Systems Programming and Practice | 30     P/C 132.738
152.752     Project Management                         30
189.761     Applied Remote Sensing                      30
228.769     Energy-Efficient Building Design            15     P 228.741 or 228.743; R 142.769
233.706     Environmental Geographical Information Systems | 30
233.707     Environmental Remote Sensing                 30

The Postgraduate Diploma in Fine Arts

PGDipFA

MASSEY UNIVERSITY 2018 CALENDAR 281
The Postgraduate Diploma in Health Science
PGDipHlthSc

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 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;
   (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 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):

168.711 Health Research Design and Method 30  R 168.810 and 168.710
214.798 Research Report 30

Māori Health

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  R 168.810 and 168.710

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
175.725 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
## 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>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>152.742</td>
<td>Health Systems Management</td>
<td>700</td>
<td>30</td>
</tr>
<tr>
<td>157.701</td>
<td>Health Information Management</td>
<td>700</td>
<td>30</td>
</tr>
</tbody>
</table>

#### Schedule B: Elective Courses

60 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>152.707</td>
<td>Leading and Changing Organisations</td>
<td>700</td>
<td>30</td>
</tr>
<tr>
<td>152.743</td>
<td>Health Policy</td>
<td>700</td>
<td>30</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 work place 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 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.

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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.

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**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)**

- 175.821 Professional Issues in the Practice of Industrial/Organisational Psychology 60
- 175.822 Practicum in Industrial/Organisational Psychology 60

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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
158.702 Knowledge Engineering 15
158.703 Advanced Computer Systems 15
158.704 Systems Programming 15
158.707 Advanced Software Design and Construction 15
158.709 Computer Graphics 15
158.710 User Interface Design 15
158.731 Studies in Computer Vision 15
158.732 Studies in Computer Programming 15
158.735 Studies in Parallel and Distributed Systems 15
158.736 Studies in Operating Systems and Architecture 15
158.737 Studies in Compilers and Grammars 15
158.740 Studies in Intelligent Systems 15
158.794 Project 15
158.795 Project 15

Information Technology
158.738 Implementation and Management of Systems Security 15 R 157.738
158.740 Geoinformatics 15
158.750 Information Sciences Research Methods 15 R 157.750
158.751 Object-Oriented Software Development – Theory and Practice 15
158.752 Agile Software Engineering 15
158.753 Rapid Application Development 15 R 157.753

The Postgraduate Diploma in International Development
PGDipIntDev

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.

Software Engineering

Computer Science component (60 credits):
159.709 Computer Graphics 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
159.794 Project 15
159.795 Project 15

Information Technology component (60 credits):
158.738 Implementation and Management of Systems Security 15 R 157.738
158.740 Geoinformatics 15
158.751 Object-Oriented Software Development – Theory and Practice 15
158.752 Agile Software Engineering 15
158.753 Rapid Application Development 15 R 157.753
158.755 Data Science – Making Sense of Data 15
158.757 User Interface Design and Evaluation 15 R 157.757
158.758 Mobile Systems Development 15 R 157.758
158.762 Software Quality and Reliability 15 R 157.762

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 156.741, 115.104, 115.116
157.701 Health Information Management 30 R 157.711, 157.733, 158.759

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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):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>131.701</td>
<td>Development and Underdevelopment</td>
<td>30</td>
</tr>
<tr>
<td>131.702</td>
<td>Development Management</td>
<td>30</td>
</tr>
</tbody>
</table>

Subject courses (60 credits):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>131.703</td>
<td>Gender and Development</td>
<td>30</td>
</tr>
<tr>
<td>131.704</td>
<td>Sustainable Development</td>
<td>30</td>
</tr>
<tr>
<td>131.706</td>
<td>Globalisation and Development</td>
<td>30</td>
</tr>
<tr>
<td>131.707</td>
<td>Development Research Design</td>
<td>30</td>
</tr>
<tr>
<td>131.708</td>
<td>Development Practicum</td>
<td>30</td>
</tr>
</tbody>
</table>

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):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>149.720</td>
<td>International Security</td>
<td>30</td>
</tr>
</tbody>
</table>

Compulsory courses
At least 60 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>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>149.715</td>
<td>The Asia-Pacific Strategic Environment</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>149.740</td>
<td>Security and Crime</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>149.745</td>
<td>Crime Science</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>
<tr>
<td>149.795</td>
<td>The Cyber Security Environment</td>
<td>30</td>
</tr>
</tbody>
</table>

Up to 30 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>130.702</td>
<td>Coping with Disasters</td>
<td>30</td>
</tr>
<tr>
<td>130.705</td>
<td>Emergency Management</td>
<td>30</td>
</tr>
<tr>
<td>134.703</td>
<td>Ethics of War and Peace</td>
<td>30</td>
</tr>
<tr>
<td>200.761</td>
<td>International Relations: Theory and Practice</td>
<td>30</td>
</tr>
<tr>
<td>230.702</td>
<td>Professional Evaluation Practice</td>
<td>30</td>
</tr>
<tr>
<td>240.757</td>
<td>Logistics in Humanitarian Aid Projects</td>
<td>15</td>
</tr>
</tbody>
</table>
The Postgraduate Diploma in Journalism
PGDipJ

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 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 Journalism

<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>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
PGDipLitEd

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):
   (b) One of the following courses (30 credits):
   (c) Both of the following 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>
<tr>
<td>258.722</td>
<td>The Nature, Prevention and Remediation of Literacy Learning Difficulties</td>
<td>30</td>
</tr>
<tr>
<td>258.721</td>
<td>Teaching Students with Literacy Learning Difficulties</td>
<td>30</td>
</tr>
<tr>
<td>258.723</td>
<td>Teaching Writing in the Classroom</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>Quantitative Research in Education</td>
<td>15</td>
</tr>
</tbody>
</table>

4. Candidates who successfully complete the programme of study may apply for entry into the relevant degree of either Master of Education (MED) or Master of Literacy Education (MLitEd), providing they have at least a B grade average (Coursework pathway) or B+ grade average (Research pathway).
5. A candidate’s programme of study may not exceed four years, unless a period of suspension or extension is approved by the Academic Board.
6. 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.
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 for the qualification or equivalent courses offered by partner institutions in the delivery and award of the Diploma; and including:
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 Te Aho Paerewa The Postgraduate Diploma Māori Medium 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 average across the 200- and 300-level courses, or equivalent; and
(c) have demonstrated fluency in Te Reo Māori; and
(d) have demonstrated competence in literacy and numeracy; and
(e) meet the requirements for registration as set down by the New Zealand Education 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.

Qualification Requirements

2. Candidates for Te Aho Paerewa The Postgraduate Diploma Teaching and Learning in Māori Medium shall follow a fixed programme of study, which shall consist of courses totalling at least 120 credits, comprising:

(a) the compulsory courses listed in the Schedule for the Qualification;
(b) attending wānanga, professional practice and community workshops, field trips, studios, tutorials and laboratories as required.

Specialisations

3. Te Aho Paerewa The Postgraduate Diploma Teaching and Learning in Māori Medium is awarded without specialisation.

Academic Requirements

4. Every candidate for Te Aho Paerewa The Postgraduate Diploma Teaching and Learning in Māori Medium shall perform to the satisfaction of the Pro Vice-Chancellor or their delegate a total of at least 600 hours of supervised professional practice in accordance with the requirements of each course.

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 if, in the opinion of the University, a candidate is found not to 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.

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, the candidate’s registration in Te Aho Paerewa The Postgraduate Diploma Teaching and Learning in Māori Medium, will be cancelled.

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.
12. A person excluded under Regulation 11 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.

Schedule for Te Aho Paerewa The Postgraduate Diploma Māori Medium Teaching and Learning

Compulsory courses (120 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.731</td>
<td>Te Reo o te Akomanga: Language of the Classroom</td>
<td>30</td>
</tr>
</tbody>
</table>

The Postgraduate Diploma in Māori Resource and Environmental Management

PGDipMāoriResEnvMgmt

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)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>235.701</td>
<td>Māori Values and Resource Management</td>
<td>15</td>
</tr>
</tbody>
</table>

Compulsory Course Selection (45 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>235.702</td>
<td>Māori Resource and Environmental Management – Whenua</td>
<td>15</td>
</tr>
<tr>
<td>235.703</td>
<td>Māori Resource and Environmental Management – Fresh Water</td>
<td>15</td>
</tr>
<tr>
<td>235.704</td>
<td>Māori Resource and Environmental Management – Flora and Fauna</td>
<td>15</td>
</tr>
<tr>
<td>235.705</td>
<td>Māori Resource and Environmental Management – Foreshore and Oceans</td>
<td>15</td>
</tr>
<tr>
<td>235.706</td>
<td>Maara Kai – Traditional and Contemporary Māori Food Production</td>
<td>15</td>
</tr>
<tr>
<td>235.707</td>
<td>Māori Natural Resource Policy</td>
<td>30</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>119.731</td>
<td>Topics in Agricultural Extension and Consultancy</td>
<td>15</td>
</tr>
<tr>
<td>119.729</td>
<td>Research Methods</td>
<td>15</td>
</tr>
<tr>
<td>131.701</td>
<td>Development and Underdevelopment</td>
<td>30</td>
</tr>
<tr>
<td>131.702</td>
<td>Development Management</td>
<td>30</td>
</tr>
<tr>
<td>132.730</td>
<td>Policy Analysis and Evaluation Techniques</td>
<td>30</td>
</tr>
<tr>
<td>132.755</td>
<td>Natural Resource Policy and Planning</td>
<td>30</td>
</tr>
<tr>
<td>150.701</td>
<td>Tiro Rangatiratanga: Strategic Māori Development</td>
<td>30</td>
</tr>
<tr>
<td>150.714</td>
<td>Ta Te Māori Rangahau Korero: Māori Research Methodologies</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>152.781</td>
<td>Advanced Research Methods in Business</td>
<td>30</td>
</tr>
<tr>
<td>188.705</td>
<td>Natural Resource Policy</td>
<td>15</td>
</tr>
<tr>
<td>196.712</td>
<td>Aquatic Ecology</td>
<td>30</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>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>
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 including
   (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.

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 for the Diploma;
   and including:
   (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.
3. Notwithstanding Regulation 2(a), and with the approval of Academic Board or their delegate, candidates who have completed at least three years full-time, or equivalent part-time museum experience may be permitted to substitute another 700-level course for one of the elective courses.

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.
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 including:
   (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.
### 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
   (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 the 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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>132.736</td>
<td>Professional Practice</td>
<td>30</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>132.730</td>
<td>Policy Analysis and Evaluation Techniques</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>132.738</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>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>

### 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) meet 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
   (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
   (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):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>231.701</td>
<td>Advanced Professional Issues in Psychological Practice Part I</td>
<td>30</td>
</tr>
<tr>
<td>231.702</td>
<td>Advanced Professional Issues in Psychological Practice Part II</td>
<td>30</td>
</tr>
<tr>
<td>231.703</td>
<td>Practicum in Psychological Practice Part I</td>
<td>30</td>
</tr>
<tr>
<td>231.704</td>
<td>Practicum in Psychological Practice Part II</td>
<td>30</td>
</tr>
</tbody>
</table>

Schedule for the Postgraduate Diploma in Public Health (120 credits)

Compulsory courses (90 credits):

<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</td>
<td>15</td>
</tr>
<tr>
<td>231.726</td>
<td>Health Systems and Policy</td>
<td>15</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</td>
</tr>
<tr>
<td>231.731</td>
<td>Epidemiology and Biostatistics 2</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>231.704</td>
<td>Māori Health</td>
<td>30</td>
</tr>
<tr>
<td>231.705</td>
<td>Pacific Health</td>
<td>30</td>
</tr>
<tr>
<td>150.701</td>
<td>Tiro 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 Kōrero: Māori Research Methodologies</td>
<td>30</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>
<tr>
<td>231.733</td>
<td>Big Public Health Issues</td>
<td>15</td>
</tr>
<tr>
<td>231.734</td>
<td>Maternal and Child Health</td>
<td>15</td>
</tr>
<tr>
<td>231.732</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>231.706</td>
<td>Occupational Health</td>
<td>30</td>
</tr>
<tr>
<td>231.707</td>
<td>Environmental Health</td>
<td>30</td>
</tr>
<tr>
<td>231.721</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>
<tr>
<td>231.799</td>
<td>Research Report (30)</td>
<td>30</td>
</tr>
<tr>
<td>251.731</td>
<td>Advanced Occupational Safety and Health</td>
<td>30</td>
</tr>
<tr>
<td>251.772</td>
<td>Advanced Occupational Hygiene</td>
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</tr>
<tr>
<td>251.773</td>
<td>Hazard Management</td>
<td>30</td>
</tr>
<tr>
<td>252.701</td>
<td>Sleep and Circadian Science for Health Practitioners</td>
<td>30</td>
</tr>
</tbody>
</table>

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The Postgraduate Diploma in Quality Systems
PGDipQS

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.

The Postgraduate Diploma in Rehabilitation
PGDipRehab

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.

Student Progression
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.

Completion Requirements
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

Compulsory course (30 credits):

- 147.701 Rehabilitation Theory and Practice 30

90 credits from:

- 147.702 Rehabilitation Counselling 30
- 147.703 Vocational and Rehabilitation Counselling 30
- 147.704 Drugs and Society 30
- 147.705 Education and Rehabilitation of the Visually Impaired 30
- 147.706 Adaptive Communication and Independent Living Skills 30
- 147.709 Rehabilitation Practicum 30
- 147.710 Coexisting Substance Use and Mental Health Problems 30 P 147.704 or PHOS; C 147.704
- 147.791 Special Topic 1 30
- 150.702 Mauri Ora: Māori Mental Health 30
- 179.702 Advanced Research Methods 30
- 179.773 Disability Studies 30
- 179.777 Disability, Consumer Rights and Advocacy 30
- 168.711 Health Research Design and Method 30 R 168.710, 168.810

Part B: Endorsements

Rehabilitation Counselling (no new enrolments from 2015)

Compulsory courses (120 credits from):

- 147.701 Rehabilitation Theory and Practice 30
- 147.702 Rehabilitation Counselling 30
- 147.703 Vocational and Rehabilitation Counselling 30
- 147.709 Rehabilitation Practicum 30

30 credits from:

- 147.704 Drugs and Society 30
- 147.705 Education and Rehabilitation of the Visually Impaired 30
- 168.711 Health Research Design and Method 30 R 168.710, 168.810

Rehabilitation of the Visually Impaired (no new enrolments from 2015)

Compulsory courses (90 credits from):

- 147.701 Rehabilitation Theory and Practice 30
- 147.705 Education and Rehabilitation of the Visually Impaired 30
- 147.709 Rehabilitation Practicum 30

60 credits from:

- 147.703 Vocational and Rehabilitation Counselling 30
- 147.706 Adaptive Communication and Independent Living Skills 30
- 147.707 Orientation and Mobility 30

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 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>117.769</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>117.783</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>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>162.760</td>
<td>Research Methods and Communication in the Biosciences</td>
<td>30</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>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>
</tbody>
</table>
### Biochemistry
Compulsory course (30 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>122.703</td>
<td>Gene Expression</td>
<td>30</td>
</tr>
</tbody>
</table>

At least 30 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>122.704</td>
<td>Molecular Cell Biology</td>
<td>30</td>
</tr>
<tr>
<td>247.712</td>
<td>Advanced Topics in Molecular Biology</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>122.713</td>
<td>Advanced Topics in Biochemistry</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>

### Biological Sciences
Subject courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</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>122.703</td>
<td>Gene Expression</td>
<td>30</td>
</tr>
<tr>
<td>122.704</td>
<td>Molecular Cell Biology</td>
<td>30</td>
</tr>
<tr>
<td>122.713</td>
<td>Advanced Topics in Biochemistry</td>
<td>15</td>
</tr>
<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>161.729</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>161.745</td>
<td>Statistical Genetics</td>
<td>15</td>
</tr>
<tr>
<td>161.762</td>
<td>Multivariate Analysis for Big Data</td>
<td>15</td>
</tr>
<tr>
<td>161.770</td>
<td>Statistical Consulting</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>161.777</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>162.704</td>
<td>Current Topics in Microbiology</td>
<td>30</td>
</tr>
<tr>
<td>162.760</td>
<td>Research Methods and Communication in the Biosciences</td>
<td>30</td>
</tr>
<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>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>199.714</td>
<td>Animal Behaviour</td>
<td>30</td>
</tr>
<tr>
<td>199.717</td>
<td>Entomology</td>
<td>30</td>
</tr>
</tbody>
</table>

### Chemistry
Compulsory course (30 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>123.711</td>
<td>Research Methods in Chemistry and Nanoscience</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>123.712</td>
<td>Advanced Nanoscience and Physical Chemistry</td>
<td>30</td>
</tr>
<tr>
<td>123.713</td>
<td>Advanced Chemical Synthesis</td>
<td>30</td>
</tr>
<tr>
<td>124.712</td>
<td>Condensed Matter Physics</td>
<td>15</td>
</tr>
<tr>
<td>124.762</td>
<td>Chemical Physics</td>
<td>15</td>
</tr>
</tbody>
</table>

### Computer Science (No new enrolments from 2018)
Subject courses:

<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>
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</tbody>
</table>

### Conservation Biology
Compulsory courses (60 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>232.701</td>
<td>Conservation Biology</td>
<td>30</td>
</tr>
<tr>
<td>232.703</td>
<td>Wildfire Management</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>132.735</td>
<td>Natural Resource Policy and Planning</td>
<td>30</td>
</tr>
<tr>
<td>132.738</td>
<td>GIS Principles and Applications</td>
<td>30</td>
</tr>
<tr>
<td>188.705</td>
<td>Natural Resource Policy</td>
<td>15</td>
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<tr>
<td>188.764</td>
<td>Advanced Environmental Management I</td>
<td>15</td>
</tr>
<tr>
<td>188.765</td>
<td>Advanced Environmental Management II</td>
<td>15</td>
</tr>
<tr>
<td>194.709</td>
<td>Conservation Endocrinology and Reproductive Biology</td>
<td>30</td>
</tr>
<tr>
<td>196.712</td>
<td>Aquatic Ecology</td>
<td>30</td>
</tr>
<tr>
<td>196.726</td>
<td>Plant Ecology</td>
<td>30</td>
</tr>
<tr>
<td>232.704</td>
<td>Wildfire Disease</td>
<td>30</td>
</tr>
</tbody>
</table>
Earth Science

Subject courses:

- 233.701 Advanced Pedology, 30 credits, P 189.964
- 233.705 Volcanology and Techronchronology, 30 credits
- 233.706 Environmental Geographical Information Systems, 30 credits
- 233.707 Environmental Remote Sensing, 30 credits
- 233.708 Geochemistry, 30 credits
- 233.709 Advanced Sedimentology, 30 credits
- 233.710 Geology, Hazard and Society: Environmental Geology A, 15 credits, P 121.310 or 121.311; R 233.756
- 233.711 Applied Environmental Geology, Environmental Geology B, 15 credits, P 121.310 or 121.311; R 233.756
- 233.721 Global Climate Change, 15 credits, P 145.320 or 233.310, R 145.704, 233.702
- 233.722 Advanced Quaternary Geology, 15 credits, P 233.310, R 233.702

May include 15 credits from:

- 119.728 Research Practice, 15 credits
- 119.729 Research Methods, 15 credits

Ecology

At least 60 credits from:

- 196.712 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

Subject courses:

- 120.713 Advanced Topics in Plant Biology, 30 credits, P 120.3xx
- 120.714 Botanical Evolution, 15 credits, P 120.3xx, R 120.711
- 120.715 Advanced Topics in Evolutionary Genetics, 30 credits, P One of 120.3xx or 203.3xx or 196.3xx
- 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
- 232.701 Conservation Biology, 30 credits, P 196.719
- 232.703 Wildlife Management, 30 credits, C 232.701 or 196.713, R 199.715
- 232.704 Wildlife Disease, 30 credits
- 232.705 Captive Breeding and Management, 30 credits

Exercise and Sport Science

Subject courses:

- 234.716 Advanced Physical Conditioning, 30 credits, R 234.705 and 152.719
- 234.717 Advanced Exercise Prescription for Musculoskeletal Conditions, 15 credits
- 234.718 Advanced Exercise Prescription for Cardiopulmonary Conditions, 30 credits
- 234.719 Advanced Topics in Clinical Exercise, Health and Disease, 30 credits
- 234.720 Skeletal Muscle Metabolism, 15 credits, R 234.702
- 234.721 Muscle Mechanics, 15 credits, R 234.751 and 234.701
- 234.722 Advanced Biomechanics, 15 credits, R 234.753 and 234.704
- 234.723 Advanced Topics in Exercise Science, 15 credits

May include 15 credits from:

- 119.728 Research Practice, 15 credits
- 119.729 Research Methods, 15 credits

Horticultural Science

Subject courses:

- 151.709 Biometrics for the Animal and Nutritional Sciences, 15 credits
- 234.771 Research Methods in Sport and Exercise, 15 credits

Genetics

Compulsory courses (60 credits):

- 162.760 Research Methods and Communication in the Biosciences, 30 credits, R 162.750
- 203.762 Genetic Analysis, 30 credits, P One of 122.303, 203.300, 203.301, 203.341, 203.342, 203.343

Subject courses:

- 120.715 Advanced Topics in Evolutionary Genetics, 30 credits, P One of 120.3xx or 203.3xx or 196.3xx
- 122.703 Gene Expression, 30 credits, P One of 122.303, 203.342, 203.343
- 122.713 Advanced Topics in Biochemistry, 15 credits, P One of 122.303, 122.322, 122.327, 123.326, 203.300, 203.307, 203.340, 203.342
- 161.744 Statistical Genetics, 15 credits
- 203.761 Molecular Evolution, 15 credits
- 247.712 Advanced Topics in Molecular Biology, 30 credits, P One of 122.303, 122.322, 122.327, 123.326, 194.346, 203.300, 203.307, 203.340, 203.341, 203.342, 203.343

Geography

At least 60 credits from:

- 145.730 Applied Coastal Geomorphology, 15 credits, R 145.705
- 145.731 Applied Fluvial Geomorphology, 15 credits, R 145.705
- 145.732 Landslide Investigation and Management, 15 credits, R 145.705
- 145.734 Palaeoecology, Palynology and Biogeography, 15 credits, R 145.704
- 145.735 Detecting Geomorphic Change, 15 credits, R 145.702
- 145.736 Advanced Physical Geography Techniques, 15 credits, R 145.702
- 233.706 Environmental Geographical Information Systems, 30 credits
- 233.707 Environmental Remote Sensing, 30 credits
- 233.721 Global Climate Change, 15 credits, P 145.320 or 233.310, R 145.704, 233.702

Subject courses:

- 145.707 Economic Geography, 30 credits
- 145.710 Consumption and Place, 30 credits
- 145.711 Foundations in Human Geography, 30 credits, R 145.706
- 145.712 Frontiers in Human Geography, 30 credits, R 145.701
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 R 151.742
151.719 Advanced Topics in Micronutrient Nutrition 15 R 151.742

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
160.737 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 162.702
162.760 Research Methods and Communication in the Biosciences 30 R 162.750

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, 122.327, 123.326, 203.300, 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

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
160.737 Studies in Mathematical Physics 15 P Two of 160.301, 160.302, 160.318, 124.332

Subject courses:
119.728 Research Practice 15
119.729 Research Methods 15
162.760 Research Methods and Communication in the Biosciences 30 R 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 R 162.750
120.713 Advanced Topics in Plant Biology 30 P 120.3xx

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
247.712 Advanced Topics in Molecular Biology 30 P One of 122.303, 122.327, 123.326, 203.300, 203.307, 203.340, 203.341, 203.342, 203.343

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Subject courses:

120.714 Botanical Evolution 15  P 120.3xx; R 120.711
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
122.704 Molecular Cell Biology 30  P One of 122.322, 122.327, 123.326, 203.307, 203.340, 203.342, 162.312, 194.346, 162.303, 162.304, 162.397, 162.312 or 203.300; R 182.702
162.704 Current Topics in Microbiology 30
203.761 Molecular Evolution 15  P One of 122.303, 203.300, 203.305, 203.307, 203.340, 203.341, 203.342, 203.343
247.712 Advanced Topics in Molecular Biology 30  P One of 122.303, 122.322, 122.327, 123.326, 203.307, 203.340, 203.341, 203.342, 203.343

Plant Breeding

Compulsory courses (60 credits):

283.707 Plant Breeding 30  P One of 120.3xx, 203.305, 203.301 or 204.342; R 171.742
283.708 Quantitative Plant Breeding 30  P One of 120.3xx, 203.305, 203.301 or 204.342; R 171.754

Subject courses:

118.728 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

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

Soil Science

Subject courses:

119.710 Nutrient Management in Grazed Pasture Systems 30
119.711 Nutrient Management in Arable Systems 15
189.752 Advanced Soil Fertility 30
189.753 Soil and Land Evaluation 30  P 189.364
189.755 Soil and Water Pollution 30  P 189.363
189.757 Advanced Soil Conservation 15  P 189.252
189.758 Advanced Soil Water Management 15  P 189.252
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
233.721 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

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:

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>194.709</td>
<td>Conservation Endocrinology and</td>
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<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>
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</tr>
<tr>
<td>194.707</td>
<td>Perinatal Physiology</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>
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<td>196.712</td>
<td>Aquatic Ecology</td>
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<td>196.726</td>
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<td>232.701</td>
<td>Conservation Biology</td>
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<td>232.703</td>
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<td>Wildlife Disease</td>
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<td>232.705</td>
<td>Captive Breeding and Management</td>
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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.

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;
   and including:
   (b) attending contact workshops, block courses, workshops, tutorials, and laboratories as required.

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.

Specialisations
4. The Postgraduate Diploma in Social Service Supervision is awarded without 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

7. The general Unsatisfactory Academic Progress regulations will apply.
The Postgraduate Diploma in Social Work  
PGDipSW

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; 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 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; and
   (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.

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>Code</th>
<th>Title</th>
<th>Credit</th>
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<tbody>
<tr>
<td>179.702</td>
<td>Advanced Research Methods</td>
<td>30</td>
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<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>
</tbody>
</table>
| 179.743  | Clinical Supervision                                | 30     | P 179.740

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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

254.765 Core Theory and Foundations of Specialist Teaching 30

Schedule B – Endorsement courses for the Postgraduate Diploma in Specialist Teaching

Autism Spectrum Disorder

249.745 Theory and Foundations of Autism Spectrum Disorder 30

249.749 Evidence-based Interprofessional Practice in Autism Spectrum Disorder 30 P 249.745, 254.765

249.750 Practicum Autism Spectrum Disorder 30 P/C 249.749

Blind and Low Vision

249.700 Braille Proficiency 0

249.746 Theory and Foundations of Blind and Low Vision Education 30

249.751 Evidence-based Interprofessional Practice in Blind and Low Vision Education 30 P 249.746, and 254.765

249.752 Practicum in Blind and Low Vision Education 30 P/C 249.751

Complex Educational Needs

249.760 Theory and Foundations of Complex Educational Needs 30

249.761 Evidence-based Interprofessional Practice in Complex Educational Needs 30 P 249.760, 254.765

249.763 Practicum in Complex Educational Needs 30 P 249.761

Gifted and Talented

262.751 Theory and Foundations of Gifted and Talented Education 30

262.752 Evidence-based Interprofessional Practice in Gifted and Talented Education 30 P 254.765, 262.751

262.753 Practicum in Gifted and Talented Education 30 P/C 262.752

Learning and Behaviour

249.753 Theory and Foundations of Learning and Behaviour Diversity 30

249.754 Evidence-based Interprofessional Practice in Learning and Behaviour Diversity 30 P 249.753, 254.765

249.755 Practicum in Learning and Behaviour Diversity 30 P/C 249.754

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.
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.

Schedule for the Postgraduate Diploma in Sport and Exercise

PGDipSpEx

Schedule A: Subject Requirements

Sport and Management (90 credits)

- 234.731 Advanced Sport in the Social Context
- 234.732 Advanced Sport Management
- 234.738 Advanced Sport Practicum

Sport Coaching (90 credits)

- 234.716 Advanced Physical Conditioning
- 234.736 Advanced Sport Coaching
- 234.738 Advanced Sport Practicum

Exercise Science (90 credits)

- 234.716 Advanced Physical Conditioning
- 234.720 Skeletal Muscle Metabolism
- 234.721 Muscle Mechanics
- 234.722 Advanced Biomechanics
- 234.723 Advanced Topics in Exercise Science

Exercise Prescription and Training (105 credits)

- 234.716 Advanced Physical Conditioning
- 234.717 Advanced Exercise Prescription for Musculoskeletal Conditions
- 234.718 Advanced Exercise Prescription for Cardiopulmonary Conditions
- 234.719 Advanced Topics in Clinical Exercise, Health and Disease

Physical Education (90 credits)

- 234.736 Advanced Sport Coaching
- 234.745 Advanced Application of Māori Perspectives to Health and Physical Education
- 274.707 Issues in Health and Physical Education

Schedule B: Elective courses

- 234.771 Research Methods in Sport and Exercise
- 168.711 Health Research Design and Method
- 274.707 Issues in Health and Physical Education

And/or up to 30 credits of approved courses from the 234.7 series.
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

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<tr>
<th>Code</th>
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<td>152.707</td>
<td>Leading and Changing Organisations</td>
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<td>R 152.705, 152.709</td>
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<td>152.752</td>
<td>Project Management</td>
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<tr>
<td>234.731</td>
<td>Advanced Sport in the Social Context</td>
<td>30</td>
<td>R 152.710</td>
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<tr>
<td>234.732</td>
<td>Advanced Sport Management</td>
<td>30</td>
<td>R 152.711</td>
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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

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
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 that includes 150.724 and 30 credits from the listed research courses.
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.

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
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>Course 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>
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</table>

and 30 credits from:

<table>
<thead>
<tr>
<th>Course 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>178.702</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>

R 168.710, 168.810
The Postgraduate Certificate in Applied Linguistics

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>Code</th>
<th>Course Name</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>

The Postgraduate 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 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:

<table>
<thead>
<tr>
<th>Code</th>
<th>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>149.790</td>
<td>Research Methods in Defence and Security Studies</td>
<td>30</td>
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Economics

Subject courses:

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<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<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>
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<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>
<tr>
<td>178.718</td>
<td>Health Economics</td>
<td>30</td>
</tr>
<tr>
<td>178.732</td>
<td>Advanced Econometrics</td>
<td>30</td>
</tr>
<tr>
<td>178.755</td>
<td>Economic Growth, International and Development Economics</td>
<td>30</td>
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<tr>
<td>178.775</td>
<td>The Economics of Knowledge and Innovation</td>
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Education

Subject courses:

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<tbody>
<tr>
<td>267.782</td>
<td>Quantitative Research in Education</td>
<td>15</td>
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<tr>
<td>267.783</td>
<td>Qualitative Research in Education</td>
<td>15</td>
</tr>
<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>261.765</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>
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<tr>
<td>265.737</td>
<td>Young Children and Their Families</td>
<td>30</td>
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English

List A subject courses

At least 30 credits from:

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<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>
<tr>
<td>139.710</td>
<td>Rhetoric, Composition and the Teaching of Writing</td>
<td>30</td>
</tr>
<tr>
<td>139.724</td>
<td>Literary Revolutions: Romantic and Victorian Literature</td>
<td>30</td>
</tr>
<tr>
<td>139.726</td>
<td>Early Modern Metadrama: Vices and Devices</td>
<td>30</td>
</tr>
<tr>
<td>139.750</td>
<td>Contemporary New Zealand Writers in an International Context</td>
<td>30</td>
</tr>
<tr>
<td>139.752</td>
<td>Aotearoa New Zealand Drama and Performance</td>
<td>30</td>
</tr>
<tr>
<td>139.757</td>
<td>Twentieth-Century New Zealand Fiction: Texts and Theories</td>
<td>30</td>
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<tr>
<td>139.758</td>
<td>Postcolonial Theory and Writing</td>
<td>30</td>
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</table>

List B subject courses

No more than 30 credits from:

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<thead>
<tr>
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<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>139.763</td>
<td>Community Theatre</td>
<td>30</td>
</tr>
<tr>
<td>139.785</td>
<td>New Directions in Creative Writing</td>
<td>30</td>
</tr>
<tr>
<td>154.708</td>
<td>Modern Fiction, Popular Culture and the Media</td>
<td>30</td>
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</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 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>Paleoecology, Palynology and Biogeochemistry</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>
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Geographic Information Systems

Subject courses:

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<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>
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</tbody>
</table>

15 or 159 prefix courses or such other courses as may be approved.

History

Subject courses:

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<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>
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Māori Studies

Subject courses:

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<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>
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</table>
### Media Studies

**Subject courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course 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>
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**P 154.204 or 154.224 or 154.304**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>219.705</td>
<td>Advanced News Media Processes</td>
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### Philosophy

**Subject courses:**

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<th>Course Title</th>
<th>Credits</th>
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<tbody>
<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>
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### Politics

**Subject courses:**

<table>
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<tr>
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<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>150.701</td>
<td>Tino Rangatiratanga: Strategic Māori Development</td>
<td>30</td>
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<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>
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### Psychology

**Subject courses:**

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<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>175.738</td>
<td>Psychological Research: Principles of Design</td>
<td>15</td>
</tr>
<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>
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<tr>
<td>175.722</td>
<td>Principles of Clinical Neuropsychology</td>
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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>175.725</td>
<td>Advanced Social Psychology</td>
<td>30</td>
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<tr>
<td>175.729</td>
<td>Psychology and Culture</td>
<td>15</td>
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<tr>
<td>175.730</td>
<td>Professional Practice in Psychology</td>
<td>15</td>
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<tr>
<td>175.732</td>
<td>Psychological Well-being in Organisations</td>
<td>15</td>
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<tr>
<td>175.733</td>
<td>Sustainable Livelihood</td>
<td>15</td>
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<tr>
<td>175.734</td>
<td>Child Clinical Neuropsychology</td>
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<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>
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<td>175.743</td>
<td>Health Psychology: The Social Context</td>
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<td>175.744</td>
<td>Health Psychology: Promoting Health</td>
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<td>175.746</td>
<td>Psychological Research: Multivariate Data Analysis</td>
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<td>175.747</td>
<td>The Psychology of Sport and Exercise</td>
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<td>175.748</td>
<td>The Psychology of Organisational Change</td>
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<td>175.751</td>
<td>Neuropsychological Rehabilitation</td>
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<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>
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### Social Anthropology

**Subject courses:**

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<thead>
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<th>Course Title</th>
<th>Credits</th>
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</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>
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### Social Policy

**Subject courses:**

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>132.741</td>
<td>Long-Term Community Planning</td>
<td>30</td>
</tr>
<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>
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<tr>
<td>179.783</td>
<td>Māori Development and the Social Services</td>
<td>30</td>
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<tr>
<td>279.701</td>
<td>Social Policy and Political Economy</td>
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</tr>
<tr>
<td>279.703</td>
<td>Social Policy Studies</td>
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### Sociology

**Subject courses:**

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<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>176.701</td>
<td>Current Issues and Theories</td>
<td>30</td>
</tr>
<tr>
<td>176.702</td>
<td>Advanced Social Inquiry</td>
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</tr>
<tr>
<td>176.711</td>
<td>Sociology of Underdevelopment</td>
<td>30</td>
</tr>
<tr>
<td>176.715</td>
<td>Culture and New Zealand Society</td>
<td>30</td>
</tr>
<tr>
<td>176.718</td>
<td>Environmental Sociology</td>
<td>30</td>
</tr>
</tbody>
</table>

### 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
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>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisite</th>
<th>Corequisite</th>
<th>Restriction</th>
</tr>
</thead>
<tbody>
<tr>
<td>110.710</td>
<td>Contemporary Issues in Financial Accounting</td>
<td>30</td>
<td>P 110.309</td>
<td></td>
<td></td>
</tr>
<tr>
<td>110.711</td>
<td>Advanced Accounting Theory</td>
<td>30</td>
<td>P 110.309</td>
<td></td>
<td></td>
</tr>
<tr>
<td>114.702</td>
<td>Human Resource Management and Workplace Relations</td>
<td>30</td>
<td>R any 30 credits from 114.700, 114.701, 114.704, 114.705</td>
<td></td>
<td></td>
</tr>
<tr>
<td>114.709</td>
<td>Managing the Employment Relationship</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>114.710</td>
<td>Organisational Learning</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>114.722</td>
<td>Advanced Organisational Behaviour</td>
<td>30</td>
<td>P Permission Head of School or 114.702</td>
<td></td>
<td></td>
</tr>
<tr>
<td>114.723</td>
<td>Performance Management</td>
<td>30</td>
<td>P 114.326 or 114.700 or 114.702; R 114.724, 114.726</td>
<td></td>
<td></td>
</tr>
<tr>
<td>114.728</td>
<td>Valuing Human Resource Talent in Business Enterprises</td>
<td>30</td>
<td>P 114.326 or 114.700 or 114.702</td>
<td></td>
<td></td>
</tr>
<tr>
<td>114.735</td>
<td>Competitive Advantage and HRM Strategy</td>
<td>30</td>
<td>P Permission Head of School or 114.326 or 114.700 or 114.702; R 114.725</td>
<td></td>
<td></td>
</tr>
<tr>
<td>114.761</td>
<td>International Human Resource Management</td>
<td>30</td>
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<tr>
<td>114.762</td>
<td>Career Management in an International Context</td>
<td>30</td>
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<td></td>
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</tr>
<tr>
<td>125.700</td>
<td>Managerial Finance</td>
<td>30</td>
<td>P Permission Head of School; R 125.330</td>
<td></td>
<td></td>
</tr>
<tr>
<td>137.710</td>
<td>The Theory and Management of Banking</td>
<td>30</td>
<td>P Permission Head of School; R 137.701, 137.702</td>
<td></td>
<td></td>
</tr>
<tr>
<td>152.700</td>
<td>Organisation and Management</td>
<td>30</td>
<td>R 152.200, 152.300</td>
<td></td>
<td></td>
</tr>
<tr>
<td>152.701</td>
<td>Advanced Management</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>152.702</td>
<td>Advanced Strategic Management</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>152.704</td>
<td>Business and Sustainability</td>
<td>30</td>
<td>R 115.783</td>
<td></td>
<td></td>
</tr>
<tr>
<td>152.705</td>
<td>Advanced Change Management</td>
<td>30</td>
<td>R 152.707</td>
<td></td>
<td></td>
</tr>
<tr>
<td>152.707</td>
<td>Leading and Changing Organisations</td>
<td>30</td>
<td>R 152.709, 152.705</td>
<td></td>
<td></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.

### 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 shall have been awarded or qualified for:
   (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 variation in excess of the limits specified in the General Regulations for Postgraduate Degrees, Postgraduate Diplomas, and Postgraduate Certificates are 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.

#### Schedule for the Postgraduate Certificate in Creative Arts

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.707</td>
<td>Te Tatakanga Matatanga: 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>

#### 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</th>
<th>Credits</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>254.744</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>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:

   254.706 Advanced Studies in Curriculum Policy and Practice 30

   267.740 Mixed Methods Research in Education 15

   267.741 Indigenous Research Methodologies 15 R 267.790

   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

   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 Enterprise 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>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>256.854</td>
<td>Educational and Developmental Psychology Assessment</td>
<td>30 R 186.747, 186.754, 256.754</td>
</tr>
<tr>
<td>256.855</td>
<td>Educational and Developmental Psychology Practice</td>
<td>30 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>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>256.754</td>
<td>Assessment in Educational Psychology</td>
<td>30 R 186.747, 186.754</td>
</tr>
<tr>
<td>256.755</td>
<td>Professional Practice in Educational Psychology</td>
<td>30 R 186.748, 186.755</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.

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
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.

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 International Development

Qualified courses
At least 30 credits from:
131.701 Development and Underdevelopment 30
131.702 Development Management 30
Subject courses:
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 Certificate in International Development
PGCertIntDev

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 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.

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, 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.

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 International Development

Qualified courses
At least 30 credits from:
131.701 Development and Underdevelopment 30
131.702 Development Management 30
Subject courses:
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
### 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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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>149.715</td>
<td>The Asia-Pacific Strategic Environment</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>149.740</td>
<td>Security and Crime</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>149.745</td>
<td>Crime Science</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>
<tr>
<td>149.795</td>
<td>The Cyber Security Environment</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;
   - 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 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>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 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 including:
   (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>30</td>
</tr>
<tr>
<td>168.710</td>
<td>R 168.710, 168.810</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>
<tr>
<td>168.722</td>
<td>Wound Management</td>
<td>30</td>
</tr>
<tr>
<td>168.724</td>
<td>Primary Health Care Nursing</td>
<td>30</td>
</tr>
<tr>
<td>168.728</td>
<td>Assessment and Clinical Decision-Making</td>
<td>30</td>
</tr>
<tr>
<td>168.731</td>
<td>Leadership in Nursing</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>168.791</td>
<td>Special Topic I</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>
</tbody>
</table>

Schedule B: Core Courses for the Postgraduate Certificate in Nursing Subject Courses

Mental Health (60 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>168.714</td>
<td>Advanced Assessment and Therapeutic Intervention in Mental Health</td>
<td>30</td>
</tr>
<tr>
<td>168.720</td>
<td>Clinical Specialty: Mental Health</td>
<td>30</td>
</tr>
</tbody>
</table>

Neonatal (60 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course 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>168.729</td>
<td>Neonatal and Family Assessment and Practice</td>
<td>30</td>
</tr>
</tbody>
</table>

Older Persons’ Health (60 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>168.719</td>
<td>Clinical Specialty: Older Persons’ Health</td>
<td>30</td>
</tr>
</tbody>
</table>

Elective course (30 credits from):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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>
</tbody>
</table>

Primary Health Care (60 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>168.724</td>
<td>Primary Health Care Nursing</td>
<td>30</td>
</tr>
</tbody>
</table>

Elective courses (30 credits from):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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>
</tbody>
</table>
# The Postgraduate Certificate in Science and Technology PGCertScTech

## 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:
   1. meet the University admission requirements as specified; and
   2. 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
   3. 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
   4. 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
   5. 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:
   1. courses selected from the Schedule to the Certificate;
   2. 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

4. The Postgraduate Certificate in Science and Technology is awarded without endorsement.

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 its delegate, students exiting from a relevant postgraduate qualification may substitute relevant 700 level courses for courses included in the Postgraduate Certificate in Science and Technology Schedule beyond the normal limits permitted.

## Specialisations

4. The Postgraduate Certificate in Science and Technology is awarded without endorsement.

## 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.
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 on 31 December 2019.

### Schedule for the Postgraduate Certificate in Science and Technology


### 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 will:
   (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.
### 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

<table>
<thead>
<tr>
<th>Compulsory course (30 credits):</th>
</tr>
</thead>
<tbody>
<tr>
<td>254.765 Core Theory and Foundations of Specialist Teaching</td>
</tr>
</tbody>
</table>

**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) have completed at least 6 months of full time relevant professional experience, or equivalent; and
   - (c) 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.

Unsatisfactory 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.722</td>
<td>Te Tū 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>
</tbody>
</table>
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 timesframes 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 timesframes; 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
161.350 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.


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.

Schedule for the Graduate Diploma in Arts
Endorsement courses
Asian Studies
Subject courses:

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 189.227
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
Compulsory course:

241.208 Contemporary Chinese Society in Literature and Film 15 R 241.203, 241.204
**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** 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
- **139.285** 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, 154.204 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 P 139.226

**Defence Studies**

- **149.215** Emerging Issues in Defence Studies 15 P 149.115

**Subjects courses:**

- **241.301** Chinese 3A 15 P 241.302 or appraisal required; R 241.302
- **241.302** Chinese 3B 15 P 241.301 or appraisal required; R 241.341, 241.342, 169.341, 169.342
- **241.304** 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 169.397
- **241.395** Individual Research Project in Chinese Studies 15 P Resource approval required; R 169.397

**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
- **178.301** Advanced Microeconomics 15 P 178.201
- **178.302** 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

**Graduate Diplomas**

- **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

**At least 15 credits from**

- **131.221** Global Development Issues 15
- **131.321** Strategies for Sustainable Development 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

**MASSEY UNIVERSITY 2018 CALENDAR**

325
Education
Compulsory courses
At least 30 credits from:

- 249.286 Equity and Diversity in Education 15
- 250.201 Philosophy of Education 15 R 187.201
- 250.203 Sociologically Imagining Education 15 R 187.203
- 254.210 Historical Perspectives on Education 15
- 258.201 Educational Psychology 15 R 186.201, 188.230
- 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, 208.308

At least 60 credits from:

- 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
- 267.390 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

Educational Psychology
Compulsory courses:

- 175.203 Introduction to Psychological Research 15 P 175.102
- 258.201 Educational Psychology 15 R 186.201, 188.230
- 175.306 Assessment of Individual Differences 15 P 175.203
- 258.303 Sustainable Learning 15 P 258.201
- 258.304 Positive Behaviour for Learning 15 P 258.201

Subject courses:

- 249.384 Consultation and Collaboration in Inclusive Education 15
- 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 186.331

English
An endorsement consists of 90 credits in English, including: 139.239; at least 45 credits from the List A endorsement courses; at least 60 credits at 300 level; and 30 credits at any level from the English schedule.

Compulsory course:

- 139.239 Literary Landmarks: Words that Changed the World 15

List A endorsement courses:

- 241.208 Contemporary Chinese Society in Literature and Film 15 R 241.203, 241.204
- 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
- 139.270 Young Adult Fiction 15
- 139.275 Gothic 15
- 139.301 Shakespeare’s Worlds 15
- 139.303 Modern Drama 15
- 139.305 Twentieth Century Literature 15
- 139.307 Territory, Modernity and Victorian Literature 15
- 139.352 Postcolonial Literature 15
- 139.361 The Literature of Women 15
- 139.374 Tragedy 15
- 139.376 Sexual/Textual Politics 15

List B endorsement courses:

- 139.209 Speaking: Theory and Practice 15
- 139.229 Writing Poetry 15 P 139.123 or 139.133
- 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
- 139.348 Literacy Studies 15 P Any 200-level course with a 139 prefix course or 219.202; R 139.208
- 154.308 Screen Fictions 15 Any 200-level Media Studies course

Environmental Studies
Compulsory courses:

- 176.206 Understanding Social Life 15 P Any 100-level Sociology course
- 176.308 Sociology of the Environment 15

15 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

Subject courses:

- 121.310 Environmental Solutions 15 P 121.210, R 121.211
- 121.311 Global Environmental Issues 15 P 121.103
- 131.321 Strategies for Sustainable Development 15
- 145.311 Geographies of Globalisation 15
- 146.318 Environmental Anthropology 15

Geography
Compulsory course:

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:

- 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

History
148.217 Victoria’s World 15
148.218 The Vikings 15
148.220 The Second World War 15
148.221 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
148.246 Iwi History 15
148.248 Reformers, Radicals and Revolutionaries: Protest in New Zealand 15
148.308 New Zealand Military History: 1899 to 2001 15
148.309 The New Zealand Wars 15 R 148.204
148.310 The Tudors and the Reformation 15 R 148.216
148.316 New Zealand Between the Wars 15
148.317 New Zealand Religious History 15
148.333 Napoleonic Wars 15
148.334 Sports History 15
148.339 Court Culture in Late Medieval Europe 15

Japanese
242.203 Japanese Language and Society 15 P 242.201 or appraisal required
242.205 Japanese Cinema 15 R 169.227
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

Linguistics
172.232 Language and Society in New Zealand 15
172.233 Language Learning Processes 15
172.234 Phonetics 15
172.235 Linguistic Analysis of the English Language 15 R 172.231
172.236 Forensic Linguistics 15
172.237 Language, Discourse and Power 15
172.239 Language and Culture 15 R 172.132
172.330 Sounds and Structures 15 P 172.235, R 172.331, 172.332

172.334 Field Methods 15 P 172.234 or 172.235
172.335 Language and Identity 15 P 172.232 or 172.237
172.336 Languages of the Pacific 15 P Any 200-level Linguistics course
172.337 Historical and Comparative Linguistics 15 P 172.234
172.338 Language and Mediated Communication in a Transcultural World 15 P Any 200-level Linguistics course

Māori Studies
Compulsory courses (30 credits):
150.201 Te Kavenata o Waitangi: The Treaty of Waitangi in New Zealand Society 15 R 269.274
300.209 Te Reo Tōrangapū: Political Te Reo 15 P 300.110 or 300.111

Compulsory courses
At least 15 credits from:
148.245 Māori and Colonisation 15 R 148.337
150.202 Haunaha 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-a-iwi: Tribal Development 15 P 150.114 or 146.101; nil for GDipMāoriDevpt; nil for GradDipArts
150.216 He Huarahi Rangahau: Māori and Research 15 P Three courses at 100 level including one course from Māori Studies

At least 75 credits from:
150.301 Te Mana Te Kawaanatanga: 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 Whānui: Māori Women 15 P 150.216 (or approved alternative research methods course); R 150.203
150.304 Te Ao Hurihuri: Contemporary Māori issues 15 P 150.201
269.332 Māori Issues in Education 15

Subject courses:
150.106 Ngā Hanga Whakairo: Traditional Māori Visual Art 15
150.205 Kura Mai Tawhiti: Māori Knowledge 15
150.206 Ngā Momo Whakairo: Contemporary Māori Visual Art 15 P 150.106

Mathematics
160.203 Calculus 15 P 160.101 or 160.112 or 160.133 or 228.172
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, 161.100–161.130, 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
139.275 Gothic 15
154.201 Television Studies 15
New Zealand Studies

90 credits with no more than 30 credits from the same prefix.

Compulsory course:

- 150.201 Te Kavenata o Waitangi: The Treaty of Waitangi in New Zealand Society 15 R 269.274

Subject courses:

- 121.210 Environmental Issues 15 P 121.103, R 121.311
- 121.211 New Zealand Environmental Issues 15 P 121.103;145.111;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 Revolutionaries: Protest in New Zealand 15
- 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
- 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 Mana Te Kawanatanga: Māori Policy and the State 15 P 150.201; nil for Grad Dip Arts
- 200.361 Contemporary New Zealand Politics 15

Philosophy

- 134.201 Philosophy of Mind 15
- 134.202 Advertising and Consumer Society 15
- 134.203 Popular Culture and the Media 15
- 134.204 Digital Media Production I 15
- 134.205 Popular Music Studies 15
- 134.206 International Film History 15
- 134.212 New Zealand Cinema 15
- 134.215 Cult Media and Fandom 15
- 134.222 The Art of the Film 15
- 134.224 Documentary (Non-Fiction) Film 15
- 134.228 Media History 15 R 139.228
- 139.323 Script Writing 15
- 139.376 Sexual/Textual Politics 15
- 139.301 Culture, Power and the Media 15 P Any 200-level Media Studies course
- 139.302 Gender and Race in the Media 15 P Any 200-level Media Studies course
- 139.304 Hollywood Cinema 15 P Any 200-level Media Studies course
- 139.308 Digital Media Production II 15 P 154.204
- 139.311 Social Media and Digital Cultures 15 P Any 200-level Media Studies course
- 139.312 Trauma and the Media 15 P Any 200-level Media Studies course
- 139.313 Global Media Cultures 15 P Any 200-level Media Studies course
- 139.314 Independent Media in the Information Age 15 P Any 200-level Media Studies course
- 139.333 Humour and the Media 15 P Any 200-level Media Studies course

Subject courses:

- 150.201 Te Kavenata o Waitangi: The Treaty of Waitangi in New Zealand Society 15 R 269.274

Politics

Compulsory courses:

- 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 Nga Tirohanga Rua o te 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
- 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
Security Studies

Compulsory courses (60 credits):

- 149.280 Security Issues in the Asia-Pacific
- 149.380 Strategy and Security
- 149.381 Terrorism and Political Violence
- 149.385 Security and the Law

Subject courses:

- 149.271 The Security of Global Trade
- 149.272 Intelligence in the Security Environment
- 149.295 Security in the Information Age
- 200.281 World Politics
- 149.350 The History of Defence and Security Intelligence
- 149.360 Defence and Security Technology
- 149.370 Psychology of Evidence in the Security Environment
- 149.382 Biosecurity Theory and Practice
- 175.304 The Psychology of Security
- 200.301 Contemporary International Conflict

Social Anthropology

Compulsory courses:

- 146.213 Anthropological Enquiry
- 146.303 Practice of Field Work

Subject courses:

- 146.206 Visual Ethnography
- 146.208 Political Anthropology
- 146.209 Food and Eating
- 146.210 Ritual and Belief
- 146.211 Systems of Healing
- 146.214 The Politics of Culture
- 146.302 Regional Ethnography: Asia
- 146.304 Culture, Biology and Racism
- 146.307 The Cultural Construction of Gender and Sexuality
- 146.311 Medical Systems of China, India and the West
- 146.313 Issues in South Pacific Anthropology
- 146.316 Visual Anthropology: Southasia and Global Issues
- 146.317 Urban Anthropology
- 146.318 Environmental Anthropology

Social Policy

Compulsory courses:

- 279.201 Social Policy: Concepts and Theories
- 279.301 Government Policy, Planning and Administration
- 279.302 Policy Research and Evaluation

Subject courses:

- 179.230 The Wellbeing of Pacific Peoples in New Zealand
- 279.203 Law, Government and Social Policy
- 179.320 Community Development
- 179.330 Māori Development and the Social Services

Sociology

Compulsory courses:

- 176.206 Understanding Social Life
- 176.301 The Sociological Project

Subject courses:

- 176.203 Development and Social Change: Central Themes
- 176.204 Small Groups
- 176.205 Animals and Human Societies
- 176.207 Family, Intimacy and Domestic Life
- 176.216 Understanding Globalisation
- 176.218 Race, Nation and Modernity
- 176.219 The Transformation of the Pacific: Central Themes
- 176.221 Ethnicity and Identity: Central Themes
- 176.222 Cities in the Twenty-first Century
- 176.302 Techniques of Social Investigation
- 176.303 Making the Nation
- 176.308 Sociology of the Environment
- 176.309 Development and Social Change: Contemporary Issues
- 176.310 Ethnicity and Ethnic Identity: Contemporary Issues
- 176.316 Understanding Globalisation in Depth
- 176.318 Sociology of Death and Dying
- 176.322 The World of Work: Contemporary Issues
- 176.323 The Transformation of the Pacific: Contemporary Issues

Spanish

- 245.201 Intermediate Spanish Language I
- 245.202 Intermediate Spanish Language II
- 245.203 The Sound of Spanish: Diction, Dialects and Diversity
- 245.204 Latin American Voices
- 245.301 Advanced Spanish Language
- 245.302 Theory and Practice of Spanish Translation
- 245.303 Latin American Rhythms and Politics: From Tango to Rock
- 245.304 Travellers’ Tales: The Invention of Latin America
- 245.305 Spanish Conversation on Film

Statistics

At least 30 credits from:

- 161.200 Statistical Models
- 161.220 Data Analysis
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
Admission
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 Admissions, 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:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>190.216</td>
<td>Aviation Human Factors</td>
<td>15</td>
</tr>
<tr>
<td>190.220</td>
<td>Managing Airline Systems</td>
<td>15</td>
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<tr>
<td></td>
<td><strong>Total credits:</strong> 90</td>
<td></td>
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</tbody>
</table>

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 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 CPL and/or Head of School
190.222 Basic Air Safety Investigation 15 P 190.115 or 190.110 or 190.111 or CPL (A or H)

The Graduate Diploma in Business Studies

GradDipBusStuds

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 Business Studies 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, or equivalent; or
   (c) have demonstrated equivalent practical, professional and/or scholarly experience.

Qualification Requirements

2. Candidates for the Graduate Diploma in Business Studies shall follow a flexible programme of study, which shall consist of courses totalling at least 120 credits at 200 level or above, comprising:

   (a) courses selected from the Graduate Diploma in Business Studies schedule;
   (b) at least 75 credits at 300 level;

   and including:

   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

3. Notwithstanding Regulation 2, up to 45 200-level credits may be cross-credited from a completed Massey University degree provided that the courses are listed in Schedule B of the Bachelor of Business or the Bachelor of Retail and Business Management schedule.

4. Candidates are deemed to have met the general University progression requirement for 200-level courses if they have been awarded any Degree, Diploma or Certificate at NZQA level 5 or above.

Specialisations

5. The Graduate Diploma in Business Studies may be awarded with or without an endorsement. The requirements for each endorsement are set out in the Schedule for the Graduate Diploma in Business Studies.


* No new enrolments from 2016.
# No new enrolments from 2018.
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):

110.209 Intermediate Financial Accounting 15 P 110.109 or 110.215 or 110.230; R 10.210, 10.213 or (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
110.230 Introductory Financial and Management Accounting 15 R 110.109, 110.110, 10.213 (1999), 110.216
110.249 Accounting Information Systems 15 P 110.109 or 110.215 or 110.230; R 110.243, 10.240
110.279 Auditing 15 P 110.100 or 110.200 or 110.102 or 115.112; R 110.274
110.289 Taxation 15 P 110.100 or 110.230 or 110.102 or 115.112; R 10.283, 110.274

Including at least 60 credits from:

110.303 Integrative Accounting 15 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
110.309 Advanced Financial Accounting 15 P 110.209 or 110.313; R 110.310, 110.713
110.329 Advanced Management Accounting 15 P 110.229 or 110.223; R 110.320
110.369 Forensic Accounting 15 P 110.249 and 110.279
110.379 Advanced Auditing 15 P 110.109 or 110.215 or 110.230; and 110.279 or 110.274
110.380 Estate and Tax Planning 15 P 110.274 or 110.289 or 125.211 C 125.211
110.389 Advanced Taxation 15 P 110.109 or 110.215 or 110.230; and 110.289 or 110.274; R 110.783

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)

152.252 Project Management 15
157.240 Social Media Networks for Business 15
157.241 Technology Trends for Organisations 15 P 157.150 or 115.107 or 157.1xx 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

Compulsory course selection

At least 15 credits from:

152.304 Managing Services 15
157.325 Information Management Project 15 P 157.24c, C 157.341; R 157.342, 157.381

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:

110.289 Taxation 15 P 110.100 or 110.230 or 115.102 or 115.112; R 10.283, 110.274
134.220 Business and Professional Ethics 15 R 134.320, 134.219, 134.319
155.201 Law of Property 15 P 115.103 or 115.211 or 155.202; R 155.216, 155.700
155.203 Law of Business Organisations 15 P 115.103 or 155.202 or 115.211; R 155.200, 155.700
155.210 Commercial Law 15 P 115.103 or 155.202 or 115.211; R 155.200, 155.700

At least 75 credits from:

110.380 Estate and Tax Planning 15 P 110.274 or 110.289 or 125.211; C 125.211
110.389 Advanced Taxation 15 P 110.109 or 110.215 or 110.230; and 110.289 or 110.274; R 110.783
155.301 Employment Law 15 P 115.103 or 115.211 or 155.202 or 114.264, or 153.200 and 153.202; R 152.351, 155.700
155.313 Commercial Transactions Contrary to Conscience 15 P 115.103 or 115.211 or 155.202; R 155.700
155.315 Sport Law 15
155.700 Fundamentals of Law 30

Communication Management (120 credits) (no new enrolments from 2016)

Compulsory subject courses

60 credits from:

219.202 Professional and E-Business Writing 15 R 114.262
219.204 News Media Processes 15 R 114.264
Dispute Resolution (120 credits) (No new enrolments from 2018)

Compulsory course:

153.200 Introduction to Dispute Resolution 15

Subject courses

Up to 30 credits from:

153.202 Law and Mediation 15
153.204 Negotiation Principles 15 R 153.307

At least 45 credits from:

153.302 Mediation Process 15 P 153.200
153.306 Negotiation Practice 15
153.310 Arbitration Practicum 15 P Permission Head of School
153.311 Mediation Practicum 15 P 153.210 or 153.330
153.314 Dispute Resolution Advocacy 15 R 153.201
153.315 Adjudicative Processes 15 P 153.200
153.320 Employment Dispute Resolution 15 R 153.708

Elective courses

A maximum of 30 credits from 300 level courses from the 114, 152, 153 or 155 course prefix series.

Economics (120 credits) (no new enrolments from 2016)

Compulsory subject courses

At least 30 credits from:

178.200 Intermediate Macroeconomics 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
178.221 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

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

At least 60 credits from:

178.360 Natural Resource and Environmental Economics 15
178.370 Development Economics 15
178.380 Applied Econometrics 15 P 178.220 or 178.280, R 178.321, 178.320

Elective courses

Up to 15 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, 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, 155, 156, 178, 219 or 290 course prefix series.

Entrepreneurship and Small Business (120 credits) (no new enrolments from 2016)

Compulsory courses (90 credits):

152.230 Entrepreneurship 15
152.232 Small Business Management 15
152.330 Enterprise Development 15
152.333 New Venture Project 15
152.331 Scaling and Growth 15 R 152.233 or 152.234
152.336 Leadership Practice 15 R 152.328, 152.329

Subject courses (30 credits)

114.241 Principles of Human Resources Management 15

Courses at 300 level from the 114-course prefix series.

OR

30 credits from:

156.200 Marketing for Non-Marketers 15 R 115.104 or 115.116 or 156.100
152.350 Strategic Management and Governance 15 P Any 200-level Management course; R 152.341, 152.365

OR

30 credits from:

Courses at 200 level from the 114-course prefix series.

153.306 Negotiation Practice 15

Finance (120 credits) (no new enrolments from 2016)

Subject courses

At least 30 credits from:

125.220 Financial Institutions and Markets 15 R 125.221
125.230 Business Finance 15 P 115.114 or 115.105
125.240 Fundamentals of Investment 15 C 125.211 for GradDipBusStuds; R 125.241
125.241 Introduction to Investments 15 P 115.114 or 115.105, R 125.240
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
### 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
  - 30 credits from:
    - 125.320 International Finance 15 P 125.230, and one of 125.220 or 125.241
    - 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
- 152.263 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

**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):**

- 152.250 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:**

- 114.330 Equity and Diversity in the Workplace 15

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):

- 127.211 The Financial Planning Process 15
- 127.220 Financial Institutions and Markets 15
- 127.240 Fundamentals of Investment 15
- 110.380 Estate and Tax Planning 15
- 125.310 Financial Advice Implementation 15
- 125.318 Applied Personal Financial Management 15
- 125.342 Investment Planning 15
- 125.351 Personal Risk Management 15
- 127.340 Property Management and Development 15

**Property Management (120 credits) (no new enrolments from 2016)**

Compulsory courses (120 credits):

- 127.241 Property Market Principles 15
- 132.221 Planning Studies 15
- 155.201 Law of Property 15
- 178.242 Land Economics 15
- 218.273 Building Technology: Commercial Property 15
- 127.341 Property Management and Development 15

Elective courses (30 credits):

- 127.342 Applied Property Finance and Investment 15
- 127.343 Applied Property Valuation 15
- 115.377 Special Topic 15

**Rural Valuation (120 credits) (no new enrolments from 2016)**

Compulsory courses (90 credits):

- 119.281 Decision Tools for Primary Industries 15
- 127.242 Introduction to Property Valuation 15
- 138.255 Engineering Principles in Food and Fibre Production 15
- 119.381 Decision-Making in Primary Industry 15
- 119.382 Opportunity Analysis in Primary Industry 15
- 127.396 Rural Valuation 15

E elective courses

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):

- 152.250 Managing Operations 15
- 234.232 Sport Business 15
- 234.233 Sport Event Management 15
- 234.331 Sport in the Social Context 15
- 234.338 Sport Management/Coaching Practicum 30
- 234.360 Sport Psychology 15

Compulsory course selection (15 credits)

15 credits from:
234.234 Sport Management Planning and Promotion 15
234.235 Outdoor Recreation Management 15

**Urban Valuation (120 credits) (no new enrolments from 2016)**

Compulsory courses (120 credits):

- 218.172 Construction Technology: Residential 15
- 127.241 Property Market Planning 15
- 127.242 Introduction to Property Valuation 15
- 178.242 Land Economics 15
- 218.273 Building Technology: Commercial Property 15
- 127.341 Property Management and Development 15
- 127.342 Applied Property Finance and Investment 15
- 127.343 Applied Property Valuation 15

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:

Back to Contents
(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

<table>
<thead>
<tr>
<th>Part A: Core Courses for the Graduate Diploma in Design</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>90 credits from:</td>
<td></td>
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<tr>
<td>197.388 Creative Enterprise</td>
<td>P 75 credits at 100 level; R 198.481, 212.211, 221.302, 222.382, 223.425, 224.382</td>
</tr>
<tr>
<td>198.357 Design Studio IIIA (Industrial)</td>
<td>P 198.258; R 198.354</td>
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<tr>
<td>198.358 Design Studio IIIB (Industrial)</td>
<td>P 198.357; R 198.355</td>
</tr>
<tr>
<td>212.357 Design Studio IIIA (Fashion)</td>
<td>P 212.258; R 212.317</td>
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<tr>
<td>213.357 Design Studio IIIA (Fashion)</td>
<td>P 213.357; R 213.310</td>
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<tr>
<td>221.357 Design Studio IIIA (Photography)</td>
<td>P 221.258; R 221.370</td>
</tr>
<tr>
<td>221.358 Design Studio IIIA (Photography)</td>
<td>P 221.357</td>
</tr>
<tr>
<td>222.357 Design Studio IIIB (Visual Communication)</td>
<td>P 222.258; R 222.301, 222.303, 222.310, 222.320, 222.330, 222.340, 222.370, 222.385</td>
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<tr>
<td>222.358 Design Studio IIIA (Visual Communication)</td>
<td>P 222.357; R 222.302, 222.303, 222.311, 222.321, 222.331, 222.341, 222.356, 222.371</td>
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<tr>
<td>223.357 Design Studio IIIA (Textiles)</td>
<td>P 223.258; R 223.320, 223.403</td>
</tr>
<tr>
<td>223.358 Design Studio IIIB (Textiles)</td>
<td>P 223.357; R 223.303</td>
</tr>
<tr>
<td>224.357 Design Studio IIIA (Spatial)</td>
<td>P 224.258; R 224.351, 224.361</td>
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<tr>
<td>224.358 Design Studio IIIB (Spatial)</td>
<td>P 224.357; R 224.352, 224.371</td>
</tr>
<tr>
<td>237.330 Creative Cultures and Ideas</td>
<td>P 237.230 or 237.231</td>
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<tr>
<td>237.331 Creative Cultures and Display</td>
<td>P 75 credits at 200 level</td>
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Part B: Elective Courses
30 credits from:

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<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>197.211 Rapid Ideation</td>
<td>P 75 credits at 100 level</td>
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<tr>
<td>197.228 Contemporary Design Project A</td>
<td>P Permission Course Coordinator</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>197.238 Interaction and Interface I</td>
<td>P 75 credits at 100 level including</td>
<td>15</td>
</tr>
<tr>
<td>197.270 Creative Ecologies I</td>
<td>P 75 credits at 100 level including</td>
<td>15</td>
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<tr>
<td>197.285 Projections: Trends and Forecasting</td>
<td>P 75 credits at 100 level; R 212.228</td>
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<tr>
<td>197.291 Art and Design: Special Topic II</td>
<td>P Permission Course Coordinator</td>
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</tr>
<tr>
<td>197.331 Contemporary Design Project B</td>
<td>P Permission Course Coordinator</td>
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</tr>
<tr>
<td>197.332 Contemporary Design Project C</td>
<td>P Permission Course Coordinator</td>
<td></td>
</tr>
<tr>
<td>197.338 Interaction and Interface II</td>
<td>P 197.238 plus (198.258 or 212.258 or 213.242 or 221.258 or 222.258 or 223.258 or 224.258); R 197.377</td>
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<tr>
<td>197.370 Creative Ecologies II</td>
<td>P 198.258 or 212.258 or 213.242 or 221.258 or 222.258 or 223.258 or 224.258; R 198.214</td>
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<tr>
<td>197.379 Service and Experience Design</td>
<td>P 198.258 or 212.258 or 213.242 or 221.258 or 222.258 or 223.258 or 224.258; R 198.214</td>
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<tr>
<td>197.383 Internship</td>
<td>P 198.258 or 212.258 or 222.258 or 223.258 or 224.258; R 198.214</td>
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<tr>
<td>198.213 Furniture Design</td>
<td>P 75 credits at 100 level including</td>
<td>15</td>
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<tr>
<td>198.221 Modelling and Prototyping</td>
<td>P 75 credits at 100 level; R 198.217</td>
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<tr>
<td>198.308 Industrial Design Special Topic A</td>
<td>P Permission Course Coordinator</td>
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<tr>
<td>198.309 Industrial Design Special Topic B</td>
<td>P Permission Course Coordinator</td>
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</tr>
<tr>
<td>198.315 Product Development</td>
<td>P 198.258 or 212.258 or 213.242 or 221.258 or 222.258 or 223.258 or 224.258; R 198.214</td>
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<tr>
<td>198.316 Transportation Design</td>
<td>P 198.258 or 212.258 or 213.242 or 221.258 or 222.258 or 223.258 or 224.258; R 198.214</td>
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<tr>
<td>198.320 Open Design and Digital Fabrication</td>
<td>P 198.258 or 212.258 or 213.242 or 221.258 or 222.258 or 223.258 or 224.258; R 198.214</td>
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<tr>
<td>198.362 Industrial Design Visualisation</td>
<td>P 198.258 or 198.261 or 212.258 or 213.242 or 221.258 or 222.258 or 223.258 or 224.258; R 198.214</td>
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</tr>
<tr>
<td>198.357 Garment Pattern Drafting and Grading</td>
<td>P 212.100, or 212.257 and 60 credits at 100 level from College of Creative Arts; R 212.220, 212.220</td>
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<tr>
<td>198.328 Fashion Special Topic B</td>
<td>P Permission Course Coordinator</td>
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<tr>
<td>198.323 Digital Applications for Fashion Production</td>
<td>P 212.200 and one of 198.258, 218.258, 213.242, 221.258, 222.258, 223.258, 224.258; R 212.420</td>
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<tr>
<td>198.329 Fashion Special Topic C</td>
<td>P Permission Course Coordinator</td>
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</tr>
<tr>
<td>198.311 Fine Arts Special Topic II</td>
<td>P Permission Course Coordinator</td>
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</tr>
<tr>
<td>198.324 Contemporary Drawing Projects</td>
<td>P 75 credits at 100 level from College of Creative Arts; R 197.201</td>
<td></td>
</tr>
<tr>
<td>198.325 Drawing The Body II</td>
<td>P 213.155 or 197.101; R 197.200</td>
<td></td>
</tr>
<tr>
<td>198.326 Contemporary Art Projects A</td>
<td>P 75 credits at 100 level from College of Creative Arts</td>
<td></td>
</tr>
<tr>
<td>198.327 Contemporary Art Projects B</td>
<td>P 75 credits at 100 level from College of Creative Arts</td>
<td></td>
</tr>
<tr>
<td>198.328 Contemporary Art Projects C</td>
<td>P 75 credits at 100 level from College of Creative Arts</td>
<td></td>
</tr>
<tr>
<td>198.329 Contemporary Art Projects D</td>
<td>P 75 credits at 100 level from College of Creative Arts</td>
<td></td>
</tr>
<tr>
<td>198.360 Fashion Theories</td>
<td>P 75 credits at 100 level from College of Creative Arts</td>
<td></td>
</tr>
<tr>
<td>198.361 Fashion Trends and Forecasting</td>
<td>P 75 credits at 100 level from College of Creative Arts</td>
<td></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.

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
   including:
   (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.
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 Emergency Management should they meet the relevant Qualification requirements.

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 degree, candidates who have completed at least 15 credits towards a Graduate Diploma in Emergency Management, prior to 1 January 2018 may be permitted to substitute a course or courses already completed 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 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>

P Any 200-level course or Graduate Status

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.

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 in 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:

- 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

At least 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
- 159.334 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 159.239, 158.380
- 159.372 Intelligent Machines 15 P 159.271 or 159.272; R 159.302

Data Science
Compulsory courses (45 credits):

- 158.222 Data Wrangling and Machine Learning 15 P (159.1x1 and 159.1x2) and 161.1xx
- 158.333 Applied Machine Learning and Data Visualisation 15 P 159.222
- 158.337 Database Development 15 P 159.3xx or 158.2xx or 159.2xx; R 157.331, 158.247

Specialisation courses:
At least 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 115.101 or 161.100–161.130; R 161.220

At least 15 credits from:

- 158.212 Application Software Development 15 P 158.1xx or 159.1xx
- 159.201 Algorithms and Data Structures 15 P 159.101, 159.102, R 159.271
- 160.211 Linear Algebra 15 P 160.102 or 160.112 or 160.133 or 228.172

At least 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

At least 15 credits from:

- 158.326 Software Architecture 15 P 158.212 or 159.234 or 159.270
- 159.302 Artificial Intelligence 15 P 159.201 or 159.202 or 159.211
- 161.323 Multivariate Analysis 15 P 161.2xx

Information Systems
Specialisation courses
At least 30 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 115.107 or 158.1xx; R 157.242

Not more than 15 credits from:

- 152.233 Fundamentals of Entrepreneurship and Innovation 15 P 152.230
- 152.234 Business Model Innovation 15
At least 45 credits from:

- **152.350** Strategic Management and Governance 15
- **157.340** Organisational Knowledge Management 15
- **157.350** Technology Governance and Risk Management 15
- **157.394** Managing Technology Projects and Programmes 15

Not more than 15 credits from:

- **152.336** Leadership Practice 15
- **158.335** The Internet of Things and Cloud Computing 15
- **158.337** Database Development 15

**Information Technology**

Specialisation courses:

At least 30 credits from:

- **158.212** Application Software Development 15
- **158.225** Systems Analysis and Modelling 15
- **158.235** Networks, Security and Privacy 15
- **158.244** System Management and Testing 15
- **158.247** Database Design 15
- **158.258** Web Development 15

No more than 15 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

At least 60 credits from:

- **158.326** Software Architecture 15
- **158.335** The Internet of Things and Cloud Computing 15
- **158.337** Database Development 15
- **158.345** Professionalism in the Information Sciences 15
- **158.347** Database Paradigms 15
- **158.359** User Experience Design 15

No more than 15 credits from:

- **157.340** Organisational Knowledge Management 15
- **157.350** Technology Governance and Risk Management 15
- **157.394** Managing Technology Projects and Programmes 15

**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
- **158.222** Data Wrangling and Machine Learning 15

Schedule B: Electives

A maximum of 30 credits from:

- **152.399** Integrative Management 15
- **158.383** Information Technology Project 15
- **159.333** Programming Project 15
- **159.356** Software Engineering Capstone Project 15
- **247.310** ICT Industry Engagement Project 30
The Graduate Diploma in Journalism Studies  
GDipJS

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.

Specialisations

3. The Graduate Diploma in Journalism 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; 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 Business Studies should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress

6. The general Unsatisfactory Academic Progress regulations will apply.

Schedule to the Graduate Diploma in Journalism Studies

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>219.204</td>
<td>News Media Processes</td>
<td>15</td>
<td>R 114.264</td>
</tr>
<tr>
<td>219.231</td>
<td>Introduction to Journalism</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>219.234</td>
<td>Editing and Publishing</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>219.305</td>
<td>Public Relations Management</td>
<td>15</td>
<td>P 219.209; or any 200 level course for GDipJS and GradDipBusStuds; R 114.363</td>
</tr>
<tr>
<td>219.335</td>
<td>Media Law and Ethics</td>
<td>15</td>
<td>R 219.331</td>
</tr>
<tr>
<td>219.336</td>
<td>Investigative Reporting</td>
<td>15</td>
<td>R 219.332</td>
</tr>
<tr>
<td>219.339</td>
<td>History of Journalism</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>219.340</td>
<td>Feature Writing and Freelancing</td>
<td>15</td>
<td>P 219.231; R 219.232</td>
</tr>
</tbody>
</table>

The Graduate Diploma in Logistics and Supply Chain Management  
GradDipL&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 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.

Transitional Provisions

8. All candidates commencing study towards the Graduate Diploma in Logistics and Supply Chain Management 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 Logistics and Supply Chain Management prior to 1 January 2017, and who have passed at least 60 credits whilst enrolled in the Graduate Diploma in Logistics and Supply Chain Management, may complete under the Graduate Diploma in Logistics and Supply Chain Management 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.

Schedule for the Graduate Diploma in Logistics and Supply Chain Management

Compulsory courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>240.260</td>
<td>Logistics and Supply Chain Fundamentals</td>
<td>15</td>
<td>R 115.260</td>
</tr>
<tr>
<td>240.263</td>
<td>Logistics Operations</td>
<td>15</td>
<td>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 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...
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>Course Code</th>
<th>Course 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 Principles</td>
<td>15</td>
</tr>
<tr>
<td>152.252</td>
<td>Project Management</td>
<td>15</td>
</tr>
<tr>
<td>Plus 15 credits selected from:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>287.737</td>
<td>Quality and People</td>
<td>15</td>
</tr>
<tr>
<td>287.738</td>
<td>Service Quality</td>
<td>15</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

Part I
Qualification Regulations

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;

   and including:

   (c) any compulsory courses listed in the Schedule to 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 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.

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>Course Code</th>
<th>Course 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>178.357</td>
<td>International Trade in Agri-Food Products</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>239.373</td>
<td>AgriCommerce Capstone</td>
<td>15</td>
</tr>
</tbody>
</table>

Animal Production

Compulsory courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course 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>
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

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.

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.
<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>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>Course Code</td>
<td>Course Title</td>
<td>Prerequisite</td>
</tr>
<tr>
<td>------------</td>
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</tr>
<tr>
<td>196.316</td>
<td>New Zealand Plant Ecology</td>
<td>15</td>
</tr>
<tr>
<td>196.317</td>
<td>Community and Ecosystem Ecology</td>
<td>15</td>
</tr>
<tr>
<td>196.318</td>
<td>Molecular Ecology</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>
<tr>
<td>199.204</td>
<td>Animal Behaviour</td>
<td>15</td>
</tr>
<tr>
<td>199.206</td>
<td>The Fauna of New Zealand</td>
<td>15</td>
</tr>
<tr>
<td>199.211</td>
<td>Invertebrate Zoology</td>
<td>15</td>
</tr>
<tr>
<td>199.212</td>
<td>Vertebrate Zoology</td>
<td>15</td>
</tr>
<tr>
<td>199.310</td>
<td>Entomology</td>
<td>15</td>
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<tr>
<td>199.311</td>
<td>Behavioural Ecology</td>
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<tr>
<td>199.317</td>
<td>Animal Biodiversity</td>
<td>15</td>
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<td>199.330</td>
<td>Ornithology</td>
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<tr>
<td>203.202</td>
<td>Genetic Analysis</td>
<td>15</td>
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<tr>
<td>203.203</td>
<td>Human Genetics</td>
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<tr>
<td>203.212</td>
<td>Principles of Genetics</td>
<td>15</td>
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<tr>
<td>203.300</td>
<td>DNA Technology</td>
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<tr>
<td>203.305</td>
<td>Advanced Practical Genetics</td>
<td>15</td>
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<tr>
<td>203.307</td>
<td>Molecular Cell Biology</td>
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<td>Genome Analysis</td>
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<td>203.340</td>
<td>Applied Molecular Biology</td>
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<tr>
<td>203.341</td>
<td>Genetics and Evolution</td>
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<tr>
<td>203.342</td>
<td>Molecular and Cellular Biology</td>
<td>15</td>
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<tr>
<td>203.343</td>
<td>Advanced Genetics and Genomics</td>
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<tr>
<td>228.211</td>
<td>Engineering Practice 3: Product Development</td>
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</tr>
<tr>
<td>228.212</td>
<td>Engineering Practice 4: Materials and Manufacturing</td>
<td>15</td>
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<tr>
<td>228.271</td>
<td>Engineering Mathematics 2</td>
<td>15</td>
</tr>
<tr>
<td>228.311</td>
<td>Engineering Practice 5: Engineering Design with Constraints</td>
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<tr>
<td>228.312</td>
<td>Engineering Practice 5: Process Engineering with Constraints</td>
<td>30</td>
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<tr>
<td>228.371</td>
<td>Statistical Modelling for Engineers and Technologists</td>
<td>15</td>
</tr>
<tr>
<td>233.202</td>
<td>Earth Science Field Work I</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>
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<tr>
<td>233.251</td>
<td>GIS and Remote Sensing</td>
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<tr>
<td>233.301</td>
<td>Advanced Remote Sensing</td>
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<tr>
<td>233.302</td>
<td>Earth Science Field Work III</td>
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<td>233.310</td>
<td>Pedology and Quaternary Geology</td>
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<td>233.350</td>
<td>How the Earth Works</td>
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<tr>
<td>234.222</td>
<td>Sport Biomechanics I</td>
<td>15</td>
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<tr>
<td>234.223</td>
<td>Exercise Physiology</td>
<td>15</td>
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<tr>
<td>234.224</td>
<td>Motor Behaviour</td>
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<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>
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 (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;
The Arts in Early Childhood

P 185.470 or 265.473; R 136.485

MASSEY UNIVERSITY 2018 CALENDAR

2. Admission to the Graduate Diploma of Teaching (Primary) will be restriction of the following courses:

(a) 265.470 ECE Professional Inquiry and Practice 1
(b) 265.471 Learning and Development in Early Childhood Education Contexts
(c) 265.472 Advanced Studies of Infants and Toddlers
(d) 265.476 Curriculum and Teacher Inquiry in ECE
(e) 265.485 ECE Professional Inquiry and Practice 2

P 185.470 or 265.473; R 136.485

Schedule B
Curriculum Subject Studies courses (45 credits)

265.473 Integrating Early Childhood Curriculum: Mathematics and Literacy
265.474 ECE Curriculum, Assessment, Planning and Evaluation
265.475 The Arts in Early Childhood Education

The Graduate Diploma of Teaching (Primary) GradDipTchg(Primary)

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 (Primary) 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 360 credits, or equivalent; and
   (c) hold a qualification(s) approved by the Education Council of Aotearoa New Zealand as appropriate for entry and which include subjects deemed suitable for teaching in New Zealand Primary Schools; and
   (d) have demonstrated competence in literacy and numeracy; and
   (e) 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
   (f) 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 (Primary) 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 (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 pass a course in a succession of 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.

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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.

---

Schedule for the Graduate Diploma of Teaching (Primary)

Schedule A

Professional Practice courses (45 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>278.420</td>
<td>15</td>
</tr>
<tr>
<td>278.421</td>
<td>15</td>
</tr>
<tr>
<td>278.461</td>
<td>15</td>
</tr>
</tbody>
</table>

Schedule B

Contextual Knowledge courses (30 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>278.422</td>
<td>15</td>
</tr>
<tr>
<td>278.423</td>
<td>15</td>
</tr>
</tbody>
</table>

Schedule C

Content Knowledge courses (90 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>278.424</td>
<td>15</td>
</tr>
<tr>
<td>278.425</td>
<td>15</td>
</tr>
<tr>
<td>278.426</td>
<td>15</td>
</tr>
<tr>
<td>278.427</td>
<td>15</td>
</tr>
<tr>
<td>278.428</td>
<td>15</td>
</tr>
<tr>
<td>278.429</td>
<td>15</td>
</tr>
</tbody>
</table>

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)
260.490 Teaching in Context I 15
260.491 Teaching in Context II 15 P 260.490
260.492 Teaching and Learning in a Secondary Context 15

Schedule B
Teaching experience courses (30 credits)
260.483 Secondary Teaching Experience I 15
260.484 Secondary Teaching Experience II 15 P 260.483

Schedule C
Curriculum subject studies courses (45 credits)
15 credits from:
253.353 Guidance Principles and Practice 15 P 200-level course in Social Sciences or Business Studies; R 208.353, 209.353
260.420 Teaching Mathematics 15
260.422 Teaching Science 15
260.426 Teaching Technology 15
260.429 Teaching Languages 15
260.431 Teaching English 15
260.434 Teaching Social Studies 15
260.438 Teaching Music 15
260.441 Teaching Health and Physical Education 15
260.444 Teaching Visual Arts 15

15 credits from:
260.421 Teaching Senior Mathematics 15
260.423 Teaching Senior Agriculture/Biology/Horticulture 15
260.427 Teaching Senior Technology 15
260.430 Teaching Senior Languages 15
260.432 Teaching Senior English 15
260.435 Teaching Senior History 15
260.437 Teaching Senior Commerce 15
260.439 Teaching Senior Music 15
260.442 Teaching Senior Physical Education 15
260.445 Teaching Senior Visual Arts 15

15 credits from:
260.420 Teaching Mathematics 15
260.422 Teaching Science 15
260.424 Teaching Senior Chemistry 15
260.425 Teaching Senior Physics 15
260.428 Teaching Graphics 15
260.431 Teaching English 15
260.433 Teaching Drama 15
260.434 Teaching Social Studies 15
260.436 Teaching Senior Geography 15
260.440 Musicianship for School Instrumental Music Teachers 15
260.443 Teaching Health 15
260.446 Teaching Senior Art History 15

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.
GRADUATE CERTIFICATES

The Graduate Certificate in Arts ................................. 353
The Graduate Certificate in Emergency Management .......... 359
The Graduate Certificate in Science and Technology .......... 360

The Graduate Certificate in Teaching English as an Additional Language ................................................. 363

The Graduate Certificate in Arts
GCertArts

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 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 2018.

11. Subject to the Maximum Time to Completion and Abandonment of Studies provisions specified in the Part I regulations for the certificate, candidates enrolled in the Graduate Certificate in Arts prior to 1 January 2018 who have completed at least 15 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.

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 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 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 Defence Studies Schedule. These transitional provisions expire on 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 on 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 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</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 Ethnicity: 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 Name</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>
### 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>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>

### Development Studies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>131.221</td>
<td>Global Development Issues</td>
<td>15</td>
</tr>
<tr>
<td>131.321</td>
<td>Strategies for Sustainable Development</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>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>

### Economics

**Compulsory courses:**

- At least 15 credits from:
  - 178.200 Intermediate Macroeconomics                   | 15      |
  - 178.201 Intermediate Microeconomics                   | 15      |

**At least 15 credits from:**

- 178.300 Advanced Macroeconomics                        | 15      |
- 178.380 Natural Resource and Environmental Economics   | 15      |
- 178.370 Development Economics                          | 15      |

**Subject courses:**

- 178.221 Methods of Economic Analysis                   | 15      |
- 178.242 Land Economics                                 | 15      |
- 178.250 Contemporary Economic Issues                   | 15      |
- 178.280 Introduction to Econometrics                   | 15      |
- 178.301 Advanced Microeconomics                        | 15      |
- 178.328 Project Evaluation                            | 15      |
- 178.352 Survey of International Economics              | 15      |
- 178.358 International Trade in Agri-food Products      | 15      |

### Education

**Compulsory courses:**

- At least 15 credits from:
  - 249.286 Equity and Diversity in Education            | 15      |

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**Endorsement elective courses:**

<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>241.208</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>241.301</td>
<td>Chinese 3A</td>
<td>15</td>
</tr>
<tr>
<td>241.302</td>
<td>Chinese 3B</td>
<td>15</td>
</tr>
<tr>
<td>241.304</td>
<td>Contrastive Study of Chinese and English</td>
<td>15</td>
</tr>
<tr>
<td>241.305</td>
<td>Translation from and into Chinese</td>
<td>15</td>
</tr>
<tr>
<td>241.395</td>
<td>Individual Research Project in Chinese Studies</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>254.201</td>
<td>Philosophy of Education</td>
<td>15</td>
</tr>
<tr>
<td>254.203</td>
<td>Sociologically Imagining Education</td>
<td>15</td>
</tr>
<tr>
<td>254.210</td>
<td>Historical Perspectives on Education</td>
<td>15</td>
</tr>
<tr>
<td>254.201</td>
<td>Educational Psychology</td>
<td>15</td>
</tr>
<tr>
<td>263.200</td>
<td>Teaching as an Act of Influencing Others</td>
<td>15</td>
</tr>
<tr>
<td>264.274</td>
<td>Treaty of Waitangi: Implications for Education</td>
<td>15</td>
</tr>
<tr>
<td>275.203</td>
<td>Development in Childhood</td>
<td>15</td>
</tr>
<tr>
<td>275.208</td>
<td>Development in Adolescence</td>
<td>15</td>
</tr>
<tr>
<td>254.304</td>
<td>Critical Theories of Education</td>
<td>15</td>
</tr>
<tr>
<td>254.336</td>
<td>Learning in the Digital World</td>
<td>15</td>
</tr>
<tr>
<td>254.337</td>
<td>Teaching and Learning with Pasifika Peoples in NZ</td>
<td>15</td>
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<tr>
<td>254.340</td>
<td>Politics of Education</td>
<td>15</td>
</tr>
<tr>
<td>263.301</td>
<td>Learning and Motivation</td>
<td>15</td>
</tr>
<tr>
<td>263.315</td>
<td>Teaching and Learning in Everyday Settings</td>
<td>15</td>
</tr>
<tr>
<td>267.390</td>
<td>Educational Research Literacy</td>
<td>15</td>
</tr>
<tr>
<td>269.332</td>
<td>Māori Issues in Education</td>
<td>15</td>
</tr>
<tr>
<td>275.304</td>
<td>Development of Gender</td>
<td>15</td>
</tr>
<tr>
<td>275.320</td>
<td>Risk and Resilience Across the Lifespan</td>
<td>15</td>
</tr>
<tr>
<td>276.330</td>
<td>Mathematics and Literacy in Society</td>
<td>15</td>
</tr>
</tbody>
</table>

### Educational Psychology

**Compulsory courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Required Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>256.201</td>
<td>Educational Psychology</td>
<td>15</td>
<td>R 186.201, 186.230</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>
</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>175.201</td>
<td>Social Psychology</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>175.203</td>
<td>Introduction to Psychological Research</td>
<td>15</td>
<td>P 175.102</td>
</tr>
<tr>
<td>175.205</td>
<td>Brain and Behaviour</td>
<td>15</td>
<td>P 175.102</td>
</tr>
<tr>
<td>175.206</td>
<td>Memory and Cognition</td>
<td>15</td>
<td>P 175.102</td>
</tr>
<tr>
<td>175.210</td>
<td>Ngā Tirohanga Rua o te Taha Hinengaro: Bicultural Perspectives in Psychology</td>
<td>15</td>
<td>R 175.312</td>
</tr>
<tr>
<td>249.284</td>
<td>Introduction to Equity and Inclusion in Education</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>249.287</td>
<td>Early Intervention</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>175.306</td>
<td>Assessment of Individual Differences</td>
<td>15</td>
<td>P 175.203</td>
</tr>
<tr>
<td>249.384</td>
<td>Consultation and Collaboration in Inclusive Education</td>
<td>15</td>
<td></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>263.331</td>
<td>Assessment and Learning</td>
<td>15</td>
<td>R 186.331</td>
</tr>
</tbody>
</table>

### 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>Credits</th>
<th>Required Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>139.201</td>
<td>Poets and Players in Shakespeare's England</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>139.202</td>
<td>Romantic Writing: Self and Nature</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>139.239</td>
<td>Literary Landmarks: Words that Changed the World</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

**Endorsement List B courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Required Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>145.301</td>
<td>Research Practice in Human Geography</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>145.303</td>
<td>Field Work: Alpine Physical Geography</td>
<td>15</td>
<td>P 145.222</td>
</tr>
<tr>
<td>145.304</td>
<td>Applied Field Geomorphology</td>
<td>15</td>
<td>P At least two from 145.222, 145.230</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>
</tr>
<tr>
<td>145.327</td>
<td>Catchment Dynamics</td>
<td>15</td>
<td>P 145.222</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>145.202</td>
<td>Working with Geographic Data</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>145.213</td>
<td>Resource Conservation and Sustainability</td>
<td>15</td>
<td>R 145.313</td>
</tr>
<tr>
<td>145.214</td>
<td>Social Change and Environment</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>145.216</td>
<td>Urban Environments</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>145.327</td>
<td>Rivers and Slopes</td>
<td>15</td>
<td>P 145.121</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>
</tr>
<tr>
<td>145.224</td>
<td>Biogeography</td>
<td>15</td>
<td>R 145.324</td>
</tr>
<tr>
<td>145.320</td>
<td>Coastal Environments</td>
<td>15</td>
<td>P 145.121; R 145.330</td>
</tr>
<tr>
<td>121.313</td>
<td>Applied River Management</td>
<td>15</td>
<td>P 196.205 or 145.222</td>
</tr>
<tr>
<td>145.311</td>
<td>Geographies of Globalisation</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>145.318</td>
<td>Geopolitics</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

### Geography

Compulsory course – at least 15 credits from

- 145.301 Research Practice in Human Geography
- 145.303 Field Work: Alpine Physical Geography
- 145.304 Applied Field Geomorphology
- 145.320 Quaternary Biogeography and Environmental Change
- 145.327 Catchment Dynamics

**History**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Required Courses</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>
</tbody>
</table>
148.248 Reformers, Radicals and Revolutionaries: Protest in New Zealand 15

148.308 New Zealand Military History: 1899 to 2001 15

148.309 The New Zealand Wars 15 R 148.204

148.310 The Tudors and the Reformation 15 R 148.216

148.316 New Zealand Between the Wars 15

148.317 New Zealand Religious History 15

148.333 Napoleonic Wars 15

148.334 Sports History 15

148.339 Court Culture in Late Medieval Europe 15

Japanese


242.203 Japanese Language and Society 15 P 242.201 or appraisal required

242.205 Japanese Cinema 15 R 169.227

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

Linguistics

172.232 Language and Society in New Zealand 15

172.233 Language Learning Processes 15

172.234 Phonetics 15

172.235 Linguistic Analysis of the English Language 15 R 172.231

172.236 Forensic Linguistics 15

172.237 Language, Discourse and Power 15

172.239 Language and Culture 15 R 172.132

172.330 Sounds and Structures 15 P 172.235; R 172.331, 172.332

172.334 Field Methods 15 P 172.234 or 172.235

172.335 Language and Identity 15 P 172.232 or 172.237

172.336 Languages of the Pacific 15 P Any 200-level Linguistics course

172.337 Historical and Comparative Linguistics 15 P 172.234

172.338 Language and Mediated Communication in a Transcultural World 15 P Any 200-level Linguistics course

Māori Studies

Compulsory courses

At least 15 credits from:

148.245 Māori and Colonisation 15 R 148.337

150.201 Te Kāwana o Waitangi: The Treaty of Waitangi in New Zealand Society 15 R 269.274

300.209 Te Reo Tōrangapū: Political Te Reo 15 P 300.110 or 300.111

At least 45 credits from:

150.301 Te Mana Te Kāwanaanga: 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

150.304 Te Ao Hurihuri: Contemporary Māori Issues 15

269.332 Māori Issues in Education 15

Subject courses

150.106 Ngā Hanga Whakairo: Traditional Māori Visual Art 15

150.206 Ngā Momo Whakairo: Contemporary Māori Visual Art 15 P 150.106

Mathematics

160.203 Calculus 15 P 160.101 or 160.112 or 160.133 or 228.172

160.204 Differential Equations I 15 P 160.101 or 160.112 or 160.133 or 228.172

160.211 Linear Algebra 15 P 160.101 or 160.112 or 160.133 or 228.172

160.212 Discrete Mathematics 15 P 160.101 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, 161.100–161.130, 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

139.275 Gothic 15

154.201 Television Studies 15 P 115.116

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

45 credits with no more than 30 credits from the same prefix
Compulsory course:

150.201 Treaty of Waitangi: The Treaty of Waitangi in New Zealand Society 15 R 269.274

Subject courses:

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 Revolutionaries: Protest in New Zealand 15
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
178.230 The Wellbeing of Pacific Peoples in New Zealand 15
148.308 New Zealand Military History: 1899 to 2001 15
148.309 The New Zealand Wars 15 R 148.204
148.317 New Zealand Religious History 15 P Any 200-level BA course
150.301 Te Mana Te Kawanatanga: Māori Policy and the State 15 P 150.201; nil for GradDipArts
200.381 Contemporary New Zealand Politics 15

Philosophy

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 Ethics 15 P Any two 100-level courses, at least one of which is in Philosophy
134.305 Meta-ethics 15 P Any 200-level 134-prefix course
134.308 Philosophy of Science 15 R 134.208
134.309 Ancient Philosophy 15 P Any 200-level 134-prefix course or 201.201; R 134.209
134.310 Philosophy of Literature 15 R 134.210
134.312 Epistemology: Seeing and Knowing 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 P Any 200-level 134-prefix course
200.315 Contemporary Political Thought 15

Planning Studies

Compulsory course:

132.221 Planning Studies 15

Subject courses:

132.217 Planning Hazard-Resilient Communities 15

132.218 Building Collaborative Communities 15
150.201 Treaty of Waitangi: The Treaty of Waitangi in New Zealand Society 15 R 269.274
132.304 Te Tiihono Tāla: Māori and Planning 15 P 150.201
132.305 Natural Resource Policy and Planning 15 P Any 200-level Geography or Planning course

Politics

At least 15 credits from:

200.201 Middle Eastern Politics 15
200.215 Political Theory from Plato to Marx 15
200.261 World Politics 15

At least 30 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 Nga Tirohanga Rua o te Taonga: 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
175.334 Personnel Psychology and Career Development 15 P 175.203
175.345 Organisational Psychology 15 P 175.203

Public and Professional Writing

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
**Elective courses:**

- 139.348 Literary 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
- 200.281 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 Biotechnology 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 178.315
- 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
161.221 Applied Linear Models 15 P One of 115.101 or 161.100-161.130; R 161.320

Subject courses:
160.203 Calculus 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
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 One of 161.2xx or 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

Theatre Studies
139.220 Applied Theatre: Theatre for Social Change 15
139.224 Making Plays for Theatre 15
139.303 Modern Drama 15
139.320 Theatre in Production 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 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.

The Graduate Certificate in Emergency Management
GradCertEmergMgt

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; and including:
   (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 on or after 1 January 2017 must satisfy the requirements specified in these regulations.

11. In all cases candidates must complete the qualification within the timeframes for completion as specified in the Completion Requirements.

---

**Schedule A: Endorsement courses**

**Lighting**

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</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>
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**Schedule B**

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Credits</th>
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<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</td>
<td>15</td>
</tr>
<tr>
<td>117.346</td>
<td>Reproductive and Lactational Physiology</td>
<td>15</td>
</tr>
<tr>
<td>117.347</td>
<td>Animal Metabolism</td>
<td>15</td>
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<tr>
<td>117.361</td>
<td>Companion Animal Science</td>
<td>15</td>
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<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>
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<tr>
<td>120.303</td>
<td>Plant Biodiversity</td>
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</tr>
<tr>
<td>120.304</td>
<td>Plant Biotechnology</td>
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<td>121.210</td>
<td>Environmental Issues</td>
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<tr>
<td>121.310</td>
<td>Environmental Solutions</td>
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<td>121.311</td>
<td>Global Environmental Issues</td>
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<td>121.312</td>
<td>Environmental Science Field Work II</td>
<td>15</td>
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<td>122.231</td>
<td>Genes and Gene Expression</td>
<td>15</td>
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<td>122.232</td>
<td>Protein Biochemistry</td>
<td>15</td>
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<td>122.233</td>
<td>Metabolic Biochemistry</td>
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<td>122.303</td>
<td>Gene Regulation</td>
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<td>122.322</td>
<td>Protein Structure and Function</td>
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<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>
The Graduate Certificate in Teaching English as an Additional Language
GradCertTEAL

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 Learners of English as an Additional Language 15 R 207.370
257.375 Learning English as Another Language 15 P Any 200-level course in Education or Language Studies; R 207.375

Elective courses (30 credits)
No more than 15 credits from:
172.233 Language Learning Processes 15
172.239 Language and Culture 15 R 172.132

At least 15 credits from:
219.304 Cross-Cultural Communication 15 R 114.354
254.337 Teaching and Learning with Pasifika Peoples in New Zealand 15
269.372 Understanding Migrant Cultures in Aotearoa/New Zealand 15 R 182.372
269.373 Ethnic Relations in Education 15 R 182.373


**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.

---

**The Diploma in Arts**

**DipArts**

**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 Arts requires that the candidate will meet the University admission requirements as specified.

---

**The Diploma in Health Science**

**DipHealthSci**

**Qualification Requirements**

2. Candidates for the Diploma in Health Science 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 completed 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 Defence Studies Schedule. These transition arrangements expire on 31 December 2020.
15. 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 Aroha: Critical Thinking 15 R 134.103

Schedule B: BA Core Courses
- 230.110 Tōrangawaewae: Identity and Belonging in Aotearoa New Zealand 15
- 230.210 Tō Rangaranga: Global Encounters 15 P 230.120

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 200-prefix courses.

- 201.103 Magic and Witchcraft 15
- 201.112 Greek History 15
- 201.113 Greek Mythology 15
- 201.114 The Roman Republic: Kings, Consuls and Conquest 15
- 201.115 Introductory Latin 15
- 201.117 Greek and Roman Warfare 15
- 201.201 The Pursuit of Happiness in the Classical World 15
- 201.211 Love and Sexuality in Ancient Greece 15
- 201.212 Intermediate Latin 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
- 134.309 Ancient Philosophy 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
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 15
- 139.280 Writing Creative Non-Fiction 15

Elective courses:
- 139.139 Introduction to English Studies 15
- 139.223 Creative Processes 15
- 139.224 Making Plays for Theatre 15
- 139.225 Writing for Children 15
- 139.229 Writing Poetry 15
- 139.285 Fiction Writing 15
- 139.323 Script Writing 15
- 139.326 Travel Writing 15
- 139.329 Advanced Fiction Writing 15
- 139.333 Creativity in the Community 15
- 139.340 The Publishing Project 15
- 139.380 Creative Writing Capstone: Building the Manuscript 15
- 139.381 Advanced Studies in Creative Writing 15
- 139.386 Life Writing 15

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 15
- 149.115 Introduction to Defence Studies 15
- 149.140 An Introduction to Military Operations 15
- 149.151 An Introduction to the History of Modern Warfare 15
- 200.162 Politics and Public Policy in New Zealand 15
- 149.245 Irregular Warfare 15
- 149.255 Conventional Warfare 15
- 149.265 Maritime Strategy 15
- 190.240 Air Power 15
- 149.300 Current Issues in Command Studies 15
- 149.325 International Peacekeeping 15
- 149.335 Law of Armed Conflict 15
- 149.390 The History of Defence and Security Intelligence 15
- 149.360 Defence and Security Technology 15
- 200.301 Contemporary International Conflict 15

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 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-a-īwi: 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
- 146.313 Issues in South Pacific Anthropology 15
- 146.318 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
### Economics

At least 75 credits in Economics, including 115.106, 178.100; and 45 credits at 200 and/or 300 level from the Economics Schedule.

<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>
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<tr>
<td>117.100</td>
<td>Principles of Macroeconomics</td>
<td>15</td>
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<tr>
<td>117.110</td>
<td>The New Zealand Economy</td>
<td>15</td>
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<tr>
<td>117.200</td>
<td>Intermediate Macroeconomics</td>
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<td>117.201</td>
<td>Intermediate Microeconomics</td>
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<tr>
<td>117.210</td>
<td>Economic Policy</td>
<td>15</td>
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<tr>
<td>117.221</td>
<td>Methods of Economic Analysis</td>
<td>15</td>
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<tr>
<td>117.240</td>
<td>Managerial Economics</td>
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<tr>
<td>117.242</td>
<td>Land Economics</td>
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<tr>
<td>117.250</td>
<td>Contemporary Economic Issues</td>
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<td>117.280</td>
<td>Introduction to Econometrics</td>
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<tr>
<td>117.300</td>
<td>Advanced Macroeconomics</td>
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<tr>
<td>117.301</td>
<td>Advanced Microeconomics</td>
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<td>117.307</td>
<td>Markets, Firms and Consumers</td>
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<td>117.308</td>
<td>Economic Analysis of Money, Banking and Financial Markets</td>
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<td>117.328</td>
<td>Project Evaluation</td>
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<tr>
<td>117.352</td>
<td>Survey of International Economics</td>
<td>15</td>
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<tr>
<td>117.358</td>
<td>International Trade in Agri-food Products</td>
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<td>117.360</td>
<td>Natural Resource and Environmental Economics</td>
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<tr>
<td>117.370</td>
<td>Development Economics</td>
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</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>275.102</td>
<td>Human Development</td>
<td>15 208.102, 209.102</td>
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<tr>
<td>249.286</td>
<td>Equity and Diversity in Education</td>
<td>15</td>
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<tr>
<td>254.201</td>
<td>Philosophy of Education</td>
<td>15 187.201</td>
</tr>
<tr>
<td>254.203</td>
<td>Sociologically Imagining Education</td>
<td>15 187.203</td>
</tr>
<tr>
<td>254.210</td>
<td>Historical Perspectives on Education</td>
<td>15</td>
</tr>
<tr>
<td>258.201</td>
<td>Educational Psychology</td>
<td>15 186.201, 186.230</td>
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<tr>
<td>263.200</td>
<td>Teaching as an Act of Influencing Others</td>
<td>15</td>
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<tr>
<td>269.274</td>
<td>The Treaty of Waitangi: Implications for Education</td>
<td>15 150.201</td>
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<tr>
<td>275.203</td>
<td>Development in Childhood</td>
<td>15 275.102</td>
</tr>
<tr>
<td>275.208</td>
<td>Development in Adolescence</td>
<td>15 275.102, 208.208, 208.308, 209.308</td>
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<tr>
<td>254.304</td>
<td>Critical Theories of Education</td>
<td>15 187.304, 278.363</td>
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<tr>
<td>254.336</td>
<td>Learning in the Digital World</td>
<td>15 186.336</td>
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<tr>
<td>254.337</td>
<td>Teaching and Learning with Pasifika Peoples in NZ</td>
<td>15</td>
</tr>
<tr>
<td>254.340</td>
<td>Politics of Education</td>
<td>15</td>
</tr>
<tr>
<td>263.301</td>
<td>Learning and Motivation</td>
<td>15 P Any 200-level course from Education</td>
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<tr>
<td>263.315</td>
<td>Teaching and Learning in Everyday Settings</td>
<td>15</td>
</tr>
<tr>
<td>267.390</td>
<td>Educational Research Literacy</td>
<td>15</td>
</tr>
<tr>
<td>269.332</td>
<td>Māori Issues in Education</td>
<td>15</td>
</tr>
<tr>
<td>275.304</td>
<td>Development of Gender</td>
<td>15</td>
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</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>175.102</td>
<td>Psychology as a Natural Science</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>175.201</td>
<td>Social Psychology</td>
<td>15</td>
</tr>
<tr>
<td>175.203</td>
<td>Introduction to Psychological Research</td>
<td>15 P 175.102</td>
</tr>
<tr>
<td>175.205</td>
<td>Brain and Behaviour</td>
<td>15 P 175.102</td>
</tr>
<tr>
<td>175.206</td>
<td>Memory and Cognition</td>
<td>15 P 175.102</td>
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<tr>
<td>175.210</td>
<td>Nga Tirohanga Rua o te Taha Hinengaro: Bicultural Perspectives in Psychology</td>
<td>15 R 175.312</td>
</tr>
<tr>
<td>249.284</td>
<td>Introduction to Equity and Inclusion in Education</td>
<td>15</td>
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<td>249.287</td>
<td>Early Intervention</td>
<td>15</td>
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<td>256.201</td>
<td>Educational Psychology</td>
<td>15 R 186.201, 186.230</td>
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<tr>
<td>175.306</td>
<td>Assessment of Individual Differences</td>
<td>15 P 175.203</td>
</tr>
<tr>
<td>249.384</td>
<td>Consultation and Collaboration in Inclusive Education</td>
<td>15</td>
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<tr>
<td>256.303</td>
<td>Sustainable Learning</td>
<td>15 P 256.201</td>
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<tr>
<td>256.304</td>
<td>Positive Behaviour for Learning</td>
<td>15 P 256.201</td>
</tr>
<tr>
<td>258.301</td>
<td>Language, Literacy and Cognitive Development</td>
<td>15 P Any 200-level Education course</td>
</tr>
<tr>
<td>263.301</td>
<td>Learning and Motivation</td>
<td>15 P Any 200-level Education course</td>
</tr>
<tr>
<td>263.331</td>
<td>Assessment and Learning</td>
<td>15 R 188.331</td>
</tr>
</tbody>
</table>

### Emergency Management

At least 75 credits in Emergency Management, including: 130.202, 130.203, 130.301, 193.304 and 219.312

**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 P Any 200-level course or Graduate Status</td>
</tr>
<tr>
<td>193.304</td>
<td>Animal Welfare Emergency Management</td>
<td>15 P 193.204 or 130.202 or 117.2xx or 119.2xx or 112.2xx</td>
</tr>
<tr>
<td>219.312</td>
<td>Risk and Crisis Communication</td>
<td>15</td>
</tr>
</tbody>
</table>

### 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:**

<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 R 139.171</td>
</tr>
<tr>
<td>139.239</td>
<td>Literary Landmarks: Words that Changed the World</td>
<td>15</td>
</tr>
</tbody>
</table>

**List A Endorsement courses:**

At least 30 credits from

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</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>
</tbody>
</table>
List B endorsement courses

Up to 15 credits from:

- 139.104 Drama in Performance
- 139.123 Creative Writing
- 139.208 Speaking: Theory and Practice
- 139.229 Writing Poetry
- 139.244 Writing for the Public
- 139.348 Literacy Studies
- 154.308 Screen Fictions

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.

- 121.103 New Zealand Environments
- 132.111 Planning and the Environment
- 132.112 Planning for Sustainable Development
- 145.111 Society, Environment and Place
- 146.102 Endangered Cultures
- 176.102 New Zealand Society
- 121.210 Environmental Issues
- 121.211 New Zealand Environmental Issues
- 145.213 Resource Conservation and Sustainability
- 145.214 Social Change and Environment
- 150.201 Te Kāwanatanga o Waitangi: The Treaty of Waitangi in New Zealand Society
- 176.208 Understanding Social Life
- 121.310 Environmental Solutions
- 121.311 Global Environmental Issues
- 131.321 Strategies for Sustainable Development
- 145.311 Geographies of Globalisation
- 146.318 Environmental Anthropology
- 178.308 Sociology of the Environment

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.

- 243.101 Introductory French Language I
- 243.102 Introductory French Language II
- 243.201 Intermediate French Language I
- 243.202 Intermediate French Language II
- 243.301 Advanced French Language
- 243.304 Contemporary French Popular Culture
- 243.305 Close Encounters – New Zealand Seen Through French Eyes

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.

- 145.111 Society, Environment and Place
- 145.121 Introduction to Physical Geography
- 145.213 Working with Geographic Data
- 145.214 Social Change and Environment
- 145.216 Urban Environments
- 145.218 Development and Inequality
- 145.222 Rivers and Slopes
- 145.223 Climate Change and Natural Hazards
- 145.224 Biogeography
- 145.230 Coastal Environments
- 121.313 Applied River Management
- 145.301 Research Practice in Human Geography
- 145.303 Field Work: Alpine Physical Geography
- 145.304 Applied Field Geomorphology
- 145.311 Geographies of Globalisation
- 145.318 Geopolitics
- 145.320 Quaternary Biogeography and Environmental Change
- 145.327 Catchment Dynamics
- 230.301 Social Science at Work

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.

- 148.116 The Medieval World and its Legacy
- 148.141 A History of New Zealand's Peoples
- 148.142 The American Century
- 148.143 The Past as Entertainment: History Through Movies, Mini-series and Games
- 148.217 Victoria's World
- 148.218 The Vikings
- 148.220 The Second World War
- 148.221 Black Death and Other Plagues, 1300–1700
- 148.241 Revolution, Rights and the Atlantic World, 1763 to 1848
- 148.242 The Age of Jihad and Crusade
- 148.243 The Sixties: Sex and Drugs and Rock and Roll?
- 148.244 The Great War 1914–1918: A Military and Social History
- 148.245 Māori and Colonisation
- 148.246 Iwi History
- 148.248 Reformers, Radicals and Revolutionaries: Protest in New Zealand
- 148.308 New Zealand Military History: 1889 to 2001
- 148.309 The New Zealand Wars
- 148.310 The Tudors and the Reformation
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.

- 242.103 Introduction to Japanese Culture: R 169.123
- 242.203 Japanese Language and Society: P 242.201 or appraisal required
- 242.205 Japanese Cinema: R 169.227
- 242.302 Japanese 3B: P 242.301 or appraisal required
- 242.304 Reading and Writing about Current Japan: P 242.202 or appraisal required
- 242.305 Readings in Modern Japanese Literature: P 242.202 or appraisal required
- 242.390 Individual Research Project in Japanese Studies: P Resource approval required

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.

- 172.131 Language and Communication: 15
- 172.133 Introduction to Language Studies: 15
- 172.231 Linguistics for Speech Therapists: 15
- 172.232 Language and Society in New Zealand: 15
- 172.233 Language Learning Processes: 15
- 172.234 Phonetics: 15
- 172.235 Linguistic Analysis of the English Language: 15
- 172.236 Forensic Linguistics: 15
- 172.237 Language, Discourse and Power: 15
- 172.239 Language and Culture: 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

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):

- 150.114 He Tirohanga o Mua: Māori Custom, Lore and Economics: 15
- 300.110 Te Reo Whakahoaho: Socialising in Te Reo: 15
- 300.209 Te Reo Tiriangapō: Political Te Reo: 15

Compulsory course selection

At least 15 credits from:

- 148.245 Māori and Colonisation: 15
- 150.202 Haurua Tangata: Māori Health Foundations: 15
- 150.204 Mana Māori: Māori and Politics: 15
- 150.213 Tikanga-a-Iwi: Tribal Development: 15
- 150.216 He Huarahi Rangahau: Māori and Research: 15
- 150.301 Te Mana Te Kawanatanga: Māori Policy and the State: 15
- 150.302 Planning for Māori Health: 15
- 150.303 Mana Wahine: Māori Women: 15
- 150.304 Te Ao Hunhuri: Contemporary Māori Issues: 15
- 269.332 Māori Issues in Education: 15

Subject courses:

- 150.106 Ngā Hanga Whakairo: Traditional Māori Visual Art: 15
- 150.205 Kura Mai Tawhiti: Māori Knowledge: 15
- 150.206 Ngā Momo Whakairo: Contemporary Māori Visual Art: 15

Mathematics

At least 75 credits in Mathematics including (160.101 and 160.102) or (160.111 and 160.112) or (160.132) (unless exempted for prerequisite purposes) and (160.133); ‘45 credits from courses with 160.2xx and 160.3xx.

- 160.102 Linear Mathematics: R 160.112, 160.133, 228.172: 15
- 160.103 Introductory University Mathematics: R A student who has passed 160.101, 160.132, 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: 15
- 160.111 Mathematics 1A: R 160.103 or 160.131 or 160.132; R 160.101, 160.102, 160.181, 228.171: 15
- 160.112 Mathematics 1B: R 160.111 or 228.171 or any one of 160.101, 160.102, 160.181; R 228.172, 160.133: 15
- 160.131 Mathematics for Business I: R 160.130, 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: 15
- 160.132 Concepts in Mathematics: R 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: 15
- 160.133 Processes in Mathematics: P 160.132, or 160.111, or 228.171, or 160.101, or 160.102, or 160.103, or A- or better in 160.111, 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
- 160.203 Calculus: P 160.101 or 160.112 or 160.133 or 228.172: 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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>139.275</td>
<td>Gothic</td>
<td>15</td>
</tr>
<tr>
<td>154.201</td>
<td>Television Studies</td>
<td>15</td>
</tr>
<tr>
<td>154.202</td>
<td>Advertising and Consumer Society</td>
<td>15</td>
</tr>
<tr>
<td>154.203</td>
<td>Popular Culture and the Media</td>
<td>15</td>
</tr>
<tr>
<td>154.204</td>
<td>Digital Media Production I</td>
<td>15</td>
</tr>
<tr>
<td>154.205</td>
<td>Popular Music Studies</td>
<td>15</td>
</tr>
<tr>
<td>154.206</td>
<td>International Film History</td>
<td>15</td>
</tr>
<tr>
<td>154.212</td>
<td>New Zealand Cinema</td>
<td>15</td>
</tr>
<tr>
<td>154.215</td>
<td>Cult Media and Fandom</td>
<td>15</td>
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<tr>
<td>154.222</td>
<td>The Art of the Film</td>
<td>15</td>
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<tr>
<td>154.224</td>
<td>Documentary (Non-Fiction) Film</td>
<td>15</td>
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<tr>
<td>154.228</td>
<td>Media History</td>
<td>15</td>
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<tr>
<td>139.323</td>
<td>Script Writing</td>
<td>15</td>
</tr>
<tr>
<td>139.376</td>
<td>Sexual/Textual Politics</td>
<td>15</td>
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<tr>
<td>154.301</td>
<td>Culture, Power and the Media</td>
<td>15</td>
</tr>
<tr>
<td>154.302</td>
<td>Gender and Race in the Media</td>
<td>15</td>
</tr>
<tr>
<td>154.303</td>
<td>Hollywood Cinema</td>
<td>15</td>
</tr>
<tr>
<td>154.304</td>
<td>Digital Media Production II</td>
<td>15</td>
</tr>
<tr>
<td>154.308</td>
<td>Screen Fictions</td>
<td>15</td>
</tr>
<tr>
<td>154.311</td>
<td>Social Media and Digital Cultures</td>
<td>15</td>
</tr>
<tr>
<td>154.312</td>
<td>Trauma and the Media</td>
<td>15</td>
</tr>
<tr>
<td>154.313</td>
<td>Global Media Cultures</td>
<td>15</td>
</tr>
<tr>
<td>154.314</td>
<td>Independent Media in the Information Age</td>
<td>15</td>
</tr>
<tr>
<td>154.333</td>
<td>Humour and the Media</td>
<td>15</td>
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<tr>
<td>154.300</td>
<td>Project</td>
<td>15</td>
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</tbody>
</table>

**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.

<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>139.122</td>
<td>Contemporary Literary Forms of Aotearoa New Zealand</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>150.106</td>
<td>Nga Hanga Whakairo: Traditional Māori Visual Art</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>176.102</td>
<td>New Zealand Society</td>
<td>15</td>
</tr>
<tr>
<td>178.110</td>
<td>The New Zealand Economy</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>230.102</td>
<td>Pacific Peoples in New Zealand</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>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>
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<tr>
<td>139.255</td>
<td>Critical Periods in Aotearoa New Zealand Literature</td>
<td>15</td>
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<tr>
<td>148.245</td>
<td>Māori and Colonisation</td>
<td>15</td>
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<tr>
<td>148.246</td>
<td>Iwi History</td>
<td>15</td>
</tr>
<tr>
<td>148.248</td>
<td>Reformers, Radicals and Revolutions: Protest in New Zealand</td>
<td>15</td>
</tr>
<tr>
<td>150.201</td>
<td>Te Kawaenata o Waitangi: The Treaty of Waitangi in New Zealand Society</td>
<td>15</td>
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<tr>
<td>150.204</td>
<td>Mana Māori: Māori and Politics</td>
<td>15</td>
</tr>
<tr>
<td>154.211</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>179.230</td>
<td>The Wellbeing of Pacific Peoples in New Zealand</td>
<td>15</td>
</tr>
<tr>
<td>121.310</td>
<td>Environmental Solutions</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>148.316</td>
<td>New Zealand Between the Wars</td>
<td>15</td>
</tr>
<tr>
<td>148.317</td>
<td>New Zealand Religious History</td>
<td>15</td>
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<tr>
<td>150.301</td>
<td>Te Māra Te Kawaranatanga: Māori Policy and the State</td>
<td>15</td>
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<tr>
<td>200.361</td>
<td>Contemporary New Zealand Politics</td>
<td>15</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<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>
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<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</td>
</tr>
<tr>
<td>134.106</td>
<td>Justice and Equality</td>
<td>15</td>
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<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>
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<tr>
<td>134.205</td>
<td>Logic</td>
<td>15</td>
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<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>
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<tr>
<td>134.216</td>
<td>Modern Philosophy</td>
<td>15</td>
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<tr>
<td>134.218</td>
<td>Environmental Philosophy</td>
<td>15</td>
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<tr>
<td>134.220</td>
<td>Business and Professional Ethics</td>
<td>15</td>
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<tr>
<td>134.221</td>
<td>East Asian Philosophy</td>
<td>15</td>
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<tr>
<td>200.215</td>
<td>Political Theory from Plato to Marx</td>
<td>15</td>
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<td>134.302</td>
<td>Metaphysics</td>
<td>15</td>
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<tr>
<td>134.303</td>
<td>Ethics</td>
<td>15</td>
</tr>
<tr>
<td>134.305</td>
<td>Meta-ethics</td>
<td>15</td>
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<td>134.308</td>
<td>Philosophy of Science</td>
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<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Prerequisite(s)</td>
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<tr>
<td>-------------</td>
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<tr>
<td>134.309</td>
<td>Ancient Philosophy</td>
<td></td>
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<tr>
<td>134.310</td>
<td>Philosophy of Literature</td>
<td></td>
</tr>
<tr>
<td>134.312</td>
<td>Epistemology: Seeing and Knowing</td>
<td></td>
</tr>
<tr>
<td>134.317</td>
<td>Recent and Contemporary Philosophy</td>
<td></td>
</tr>
<tr>
<td>134.321</td>
<td>Indian Philosophy</td>
<td></td>
</tr>
<tr>
<td>202.315</td>
<td>Contemporary Political Thought</td>
<td></td>
</tr>
<tr>
<td>292.202</td>
<td>Intermediate Portuguese Language 2</td>
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<tr>
<td>292.301</td>
<td>Advanced Portuguese Language</td>
<td></td>
</tr>
<tr>
<td>292.305</td>
<td>Brazilian Culture and Heritage</td>
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</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>132.101</td>
<td>Introduction to Professional Planning</td>
<td></td>
</tr>
<tr>
<td>132.111</td>
<td>Planning and the Environment</td>
<td></td>
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<tr>
<td>132.112</td>
<td>Planning for Sustainable Development</td>
<td></td>
</tr>
<tr>
<td>132.217</td>
<td>Planning Hazard-Resilient Communities</td>
<td></td>
</tr>
<tr>
<td>132.218</td>
<td>Building Collaborative Communities</td>
<td></td>
</tr>
<tr>
<td>132.221</td>
<td>Planning Studies</td>
<td></td>
</tr>
<tr>
<td>150.201</td>
<td>Te Kawanatanga o Waitangi: The Treaty of Waitangi in New Zealand Society</td>
<td>R 269.274</td>
</tr>
<tr>
<td>132.304</td>
<td>Tōhono Taihoa: Māori and Planning</td>
<td>P 150.201</td>
</tr>
<tr>
<td>132.305</td>
<td>Natural Resource Policy and Planning</td>
<td></td>
</tr>
<tr>
<td>132.314</td>
<td>Transport and Urban Planning</td>
<td></td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>200.161</td>
<td>Introduction to Politics</td>
<td></td>
</tr>
<tr>
<td>200.162</td>
<td>Politics and Public Policy in New Zealand</td>
<td></td>
</tr>
<tr>
<td>230.121</td>
<td>Future State: New Zealand in the 21st Century</td>
<td></td>
</tr>
<tr>
<td>150.201</td>
<td>Te Kawanatanga o Waitangi: The Treaty of Waitangi in New Zealand Society</td>
<td>R 269.274</td>
</tr>
<tr>
<td>200.215</td>
<td>Middle Eastern Politics</td>
<td></td>
</tr>
<tr>
<td>200.281</td>
<td>World Politics</td>
<td></td>
</tr>
<tr>
<td>145.318</td>
<td>Geopolitics</td>
<td></td>
</tr>
<tr>
<td>200.301</td>
<td>Contemporary International Conflict</td>
<td></td>
</tr>
<tr>
<td>200.302</td>
<td>Israel/Palestine and the Arab World</td>
<td></td>
</tr>
<tr>
<td>200.303</td>
<td>Democratic Politics</td>
<td></td>
</tr>
<tr>
<td>200.315</td>
<td>Contemporary Political Thought</td>
<td></td>
</tr>
<tr>
<td>200.361</td>
<td>Contemporary New Zealand Politics</td>
<td></td>
</tr>
<tr>
<td>230.301</td>
<td>Social Science at Work</td>
<td>P 30 credits at 200-level from 145, 146, 147, and/or 200-prefix courses</td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>292.101</td>
<td>Introductory Portuguese Language 1</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>P 292.101; R 292.201, 292.202, 292.301</td>
</tr>
<tr>
<td>292.201</td>
<td>Intermediate Portuguese Language 1</td>
<td>P 292.102; R 292.202, 292.301</td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.101</td>
<td>Psychology as a Social Science</td>
<td></td>
</tr>
<tr>
<td>175.102</td>
<td>Psychology as a Natural Science</td>
<td></td>
</tr>
<tr>
<td>175.201</td>
<td>Social Psychology</td>
<td></td>
</tr>
<tr>
<td>175.203</td>
<td>Introduction to Psychological Research</td>
<td>P 175.102</td>
</tr>
<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>175.210</td>
<td>Nga Tirohanga Rua o te Taha Hinengaro: Bicultural Perspectives in Psychology</td>
<td>R 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>175.304</td>
<td>The Psychology of Security</td>
<td>P 175.203</td>
</tr>
<tr>
<td>175.306</td>
<td>Assessment of Individual Differences</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>175.313</td>
<td>Gender and Violence</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>
<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>

### 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>139.246</td>
<td>Text Image Design: Digital Technical Writing</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>
</tr>
<tr>
<td>219.202</td>
<td>Professional and E-Business Writing</td>
<td>R 114.262</td>
</tr>
</tbody>
</table>

### Elective courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>139.231</td>
<td>Health Writing: Theory and Practice</td>
<td>P One of 230.100, 119.155, 247.155, 192.102, 119.177 or 247.177 or 219.100</td>
</tr>
<tr>
<td>139.244</td>
<td>Writing for the Public</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>
</tr>
<tr>
<td>139.280</td>
<td>Writing Creative Non-Fiction</td>
<td>R 139.327</td>
</tr>
<tr>
<td>139.340</td>
<td>The Publishing Project</td>
<td>P Any 200-level course with a 139 prefix or 219.202</td>
</tr>
<tr>
<td>139.348</td>
<td>Literary Studies</td>
<td>P Any 200-level course with a 139 prefix or 219.202; R 139.208</td>
</tr>
<tr>
<td>154.311</td>
<td>Social Media and Digital Cultures</td>
<td>P Any 200-level Media Studies course</td>
</tr>
<tr>
<td>219.234</td>
<td>Editing and Publishing</td>
<td></td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>147.101</td>
<td>Rehabilitation Studies</td>
<td></td>
</tr>
<tr>
<td>147.102</td>
<td>Mental Health and Society</td>
<td></td>
</tr>
</tbody>
</table>
Security Studies
At least 75 credits, including 149.180, 149.280; 30 credits of 149 prefix courses at 200 or 300 level; and 15 credits at any level from the Security Studies Schedule.

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.

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.

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.

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.
Statistics
At least 75 credits in Statistics, including one of 161.120 or 161.130 (161.100); 45 credits at 200 and/or 300 level, and 15 credits at any level from the Statistics Schedule.

160.102 Linear Mathematics 15 R 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
160.133 Processes 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 160.111, 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.
161.120 Introductory Statistics 15 R 115.101, 161.100, 161.101, 161.110, 161.130, 161.140, 195.101
161.130 Introductory Biostatistics 15 R 115.101, 161.100, 161.101, 161.110, 161.120, 161.140, 195.101
161.203 Calculus 15 P 160.101 or 160.112 or 160.133 or 228.172
161.211 Linear Algebra 15 P 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, 161.100–161.130, R 161.231
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
161.223 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 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 161.1xx, 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

Te Reo Māori
Compulsory courses:
300.111 Te Reo Kītikinaki: Developing Te Reo 15
300.210 Te Reo Kārakārōno: Discussing in Te Reo 15 P 300.111
300.211 Te Reo Whakahaunoko: Embellishing Te Reo 15 P 300.111

Compulsory course selection
At least 30 credits from:
300.310 Te Reo Auaha: 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 Whaiākārōno 15 P 300.211

Subject courses:
300.110 Te Reo Whakahaunoko: 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 15 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

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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>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>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>P 90 credits at 100-level, R 115.103</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>P 110.109 or 110.215 or 110.230; R 110.210, 10.213 (pre-1999), 110.313</td>
</tr>
<tr>
<td>110.229</td>
<td>Management Accounting</td>
<td>P 110.109 or 110.215 or 110.230; R 110.220, 10.220, 110.223</td>
</tr>
<tr>
<td>110.249</td>
<td>Accounting Information Systems</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>P 110.100 or 110.230 or 110.102 or 115.112; R 110.274</td>
</tr>
<tr>
<td>110.289</td>
<td>Taxation</td>
<td>P 110.100 or 110.230 or 110.102 or 115.112; R 10.280, 110.274</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</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>R 125.221</td>
</tr>
<tr>
<td>125.230</td>
<td>Business Finance</td>
<td>P 115.114 or 115.105</td>
</tr>
<tr>
<td>125.241</td>
<td>Introduction to Investments</td>
<td>P 115.114 or 115.105, R 125.240</td>
</tr>
<tr>
<td>125.250</td>
<td>Financial Modelling</td>
<td>P 115.114 or 115.105</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>R 127.255</td>
</tr>
<tr>
<td>127.245</td>
<td>Introduction to Property Finance and Investment</td>
<td>P 115.105 or 115.114</td>
</tr>
<tr>
<td>152.203</td>
<td>Business and Society</td>
<td>R 52.101</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>P 115.103 or 155.202 or 115.211, R 155.200, 155.700</td>
</tr>
<tr>
<td>156.210</td>
<td>Commercial Law</td>
<td>P 115.103 or 155.202 or 115.211, R 155.200, 155.700</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>R 152.200</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>P any 100-level course</td>
</tr>
</tbody>
</table>
The Diploma in Communication
DipC

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.

The Diploma in Design
DipDesign

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
   (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.
198.453 Industrial Design Research and Development 30 P B- average over 198.358 and 237.330; or B- average over 198.355 and 198.380 or PGDipDes admission

198.454 Industrial Design Research Project 45 P 198.453

198.455 Industrial Design Studio Project 45 P 198.358 or 198.355

198.463 Industrial Design Digital Representation 15 P 198.358 or Permission Course Coordinator

198.490 Industrial Design Special Topic C 15 P Permission Course Coordinator

198.495 Industrial Design Independent Study 15 P Permission Head of School

212.100 Fashion Pattern Making 15 R 212.203

212.101 Fashion Construction 15 R 212.205

212.157 Studio I (Dress) 15 R 197.135

212.200 Garment Pattern Drafting and Grading 15 P 212.100 and 212.257 and 60 credits at 100 level from College of Creative Arts; R 212.204, 212.220

212.228 Fashion Special Topic A 15 P Permission Course Coordinator

212.257 Design Studio II A (Fashion) 30 P (237.130 or 237.131) plus 198.157 and two of 198.157, 213.157, 213.158, 221.157, 222.158, 223.157, 224.157, R 212.201

212.258 Design Studio II B (Fashion) 30 P 212.257, R 212.201, 212.204, 212.220, 212.303, 212.305

212.304 Drape for Design 15 P 212.100 or 212.257

212.309 Contoured and Knit Apparel 15 P 212.258 and (212.100 and 212.101)

212.321 Digital Applications for Fashion Production 15 P 212.200 and one of 198.258, 212.258, 212.242, 212.258, 225.288, 225.283, 224.256, R 212.420

212.326 Fashion Special Topic B 15 P Permission Course Coordinator

212.357 Design Studio III A (Fashion) 30 P 212.258, R 212.317

212.358 Design Studio III B (Fashion) 30 P 212.357, R 212.310

212.403 Apparel Production Research 15 P (212.100 and 212.101) or 198.358

212.453 Fashion Design Research and Development 30 P B- average over 198.358 and 237.330; or B- average over 212.380 and 212.310 or PGDipDes admission

212.454 Fashion Design Research Project 45 P 212.453

212.455 Fashion Design Studio Project 45 P 212.358 or 212.310

212.464 Fashion Culture and Politics 15 P 237.330 or 237.331 or Permission Course Coordinator; R 212.402

212.495 Fashion Design Independent Study 15 P Permission Head of School

213.190 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

213.157 Studio I (Art Lab) 15 R 197.132

213.158 Studio I (Art Place) 15 R 197.131

213.211 Fine Arts Special Topic II 15 P Permission Course Coordinator

213.234 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 IIB 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 Final Arts Special Topic III 15 P Permission Course Coordinator
The Diploma for Education Support Workers
DipEducSuppWkr

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 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
   (b) any compulsory courses;
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
3. The Diploma for Education Support Workers 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 a Certificate in Arts should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
6. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Diploma for Education Support Workers
Compulsory courses (45 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>223.258</td>
<td>Design Studio IIB (Textiles)</td>
<td>30</td>
</tr>
<tr>
<td>223.301</td>
<td>Contemporary Wallcoverings</td>
<td>15</td>
</tr>
<tr>
<td>223.305</td>
<td>Textile Interactions</td>
<td>15</td>
</tr>
<tr>
<td>223.328</td>
<td>Textile Design Special Topic B</td>
<td>15</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 IIII (Textiles)</td>
<td>30</td>
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<tr>
<td>223.411</td>
<td>Embroidered Textiles</td>
<td>15</td>
</tr>
<tr>
<td>223.421</td>
<td>Sustainable Colouration</td>
<td>15</td>
</tr>
<tr>
<td>223.407</td>
<td>Materials Research and Experimentation</td>
<td>15</td>
</tr>
<tr>
<td>223.433</td>
<td>Textile Design Research and Development</td>
<td>30</td>
</tr>
<tr>
<td>223.445</td>
<td>Textile Design Research Project</td>
<td>45</td>
</tr>
<tr>
<td>223.455</td>
<td>Textile Design Studio Project</td>
<td>45</td>
</tr>
<tr>
<td>223.492</td>
<td>Experimentation</td>
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<tr>
<td>224.157</td>
<td>Studio I (Space)</td>
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<tr>
<td>224.204</td>
<td>Design for Performance</td>
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<tr>
<td>224.205</td>
<td>Design for Display</td>
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<tr>
<td>224.257</td>
<td>Design Studio II (Spacial)</td>
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<td>224.258</td>
<td>Design Studio II (Spatial)</td>
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<tr>
<td>224.382</td>
<td>Spatial Design Special Topic A</td>
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<tr>
<td>224.383</td>
<td>Spatial Design Special Topic B</td>
<td>15</td>
</tr>
<tr>
<td>224.386</td>
<td>Game Space</td>
<td>15</td>
</tr>
</tbody>
</table>

The Diploma for Education Support Workers
DipEducSuppWkr

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 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
   (b) any compulsory courses;
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
3. The Diploma for Education Support Workers 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 a Certificate in Arts should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
6. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Diploma for Education Support Workers
Compulsory courses (45 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>223.258</td>
<td>Design Studio IIB (Textiles)</td>
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<td>Contemporary Wallcoverings</td>
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</tr>
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<td>223.305</td>
<td>Textile Interactions</td>
<td>15</td>
</tr>
<tr>
<td>223.328</td>
<td>Textile Design Special Topic B</td>
<td>15</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 IIII (Textiles)</td>
<td>30</td>
</tr>
<tr>
<td>223.411</td>
<td>Embroidered Textiles</td>
<td>15</td>
</tr>
<tr>
<td>223.421</td>
<td>Sustainable Colouration</td>
<td>15</td>
</tr>
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<td>223.407</td>
<td>Materials Research and Experimentation</td>
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<td>223.455</td>
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<tr>
<td>223.492</td>
<td>Experimentation</td>
<td>15</td>
</tr>
<tr>
<td>224.157</td>
<td>Studio I (Space)</td>
<td>15</td>
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<tr>
<td>224.204</td>
<td>Design for Performance</td>
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<td>224.205</td>
<td>Design for Display</td>
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<tr>
<td>224.257</td>
<td>Design Studio II (Spacial)</td>
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<td>Design Studio II (Spatial)</td>
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<td>224.382</td>
<td>Spatial Design Special Topic A</td>
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<td>224.383</td>
<td>Spatial Design Special Topic B</td>
<td>15</td>
</tr>
<tr>
<td>224.386</td>
<td>Game Space</td>
<td>15</td>
</tr>
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The Diploma for Education Support Workers
DipEducSuppWkr

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 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
   (b) any compulsory courses;
   (c) attending contact workshops, block courses, field trips, studios, workshops, tutorials, and laboratories as required.

Specialisations
3. The Diploma for Education Support Workers 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 a Certificate in Arts should they meet the relevant Qualification requirements.

Unsatisfactory Academic Progress
6. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Diploma for Education Support Workers
Compulsory courses (45 credits):

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<td>224.386</td>
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</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 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;
   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 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>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>198.157</td>
<td>Studio I (Object)</td>
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<td>R 197.132</td>
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<td>212.157</td>
<td>Studio I (Dress)</td>
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<td>R 197.135</td>
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<tr>
<td>213.150</td>
<td>Painting</td>
<td>15</td>
<td>R 213.203</td>
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<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>
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<td></td>
</tr>
<tr>
<td>213.155</td>
<td>Drawing the Body I</td>
<td>15</td>
<td>R 197.101</td>
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<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>
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<td>221.157</td>
<td>Studio I (Lens)</td>
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<td>222.157</td>
<td>Studio I (Screen)</td>
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<td>R 197.131</td>
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<tr>
<td>222.158</td>
<td>Studio I (Type)</td>
<td>15</td>
<td>R 197.131, 222.100</td>
</tr>
</tbody>
</table>

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 |
| 197.288 | Creative Industries                        | P 75 credits at 100 level |
| 213.211 | Fine Arts Special Topic II                 | P Permission Course Coordinator |
| 213.241 | Art Studio II A                           | 30      | P 213.157 or 213.158 or (197.131 and 197.132); R 213.251 |
| 213.242 | Art Studio II B                           | 30      | P 213.241; R 213.251 |
| 231.250 | 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      | P 75 credits at 100 level from College of Creative Arts |
| 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 |
| 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 |
| 197.388 | Creative Enterprise                        | 15      | P 75 credits at 200 level; R 198.481, 212.425, 221.382, 222.382, 223.425, 224.382 |
| 213.311 | Fine Arts Special Topic III                | 15      | P Permission Course Coordinator |
| 213.341 | Art Studio III A                          | 30      | P (213.242 or (213.251 or 213.201); R 213.300, 213.351 |
| 213.342 | Art Studio III B                          | 30      | P 213.341; R 213.300, 213.351 |
| 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 |
| 213.357 | Introduction to Fine Arts Research Methods and Practices | 15 | P 213.352 or 237.330 |
| 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 IIIIB              | 30      | P 237.230 or 237.231 |
| 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 |
## The Diploma in Health Science

### Schedule B: Elective Courses (75 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>114.240</td>
<td>Organisational Behaviour</td>
<td>15</td>
</tr>
<tr>
<td>128.200</td>
<td>Healthy Workplace Design</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>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>147.201</td>
<td>Issues in Rehabilitation</td>
<td>15</td>
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<tr>
<td>147.202</td>
<td>Mental Health Policy and Practice</td>
<td>15</td>
</tr>
<tr>
<td>147.302</td>
<td>Alcohol and Drug Use</td>
<td>15</td>
</tr>
<tr>
<td>147.317</td>
<td>Disability in Society</td>
<td>15</td>
</tr>
<tr>
<td>147.333</td>
<td>Health and Ageing</td>
<td>15</td>
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<tr>
<td>150.201</td>
<td>Te Kovenata o Waitangi: The Treaty of Waitangi in New Zealand Society</td>
<td>15</td>
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<td>150.202</td>
<td>Haurua Tangata: Māori Health Foundations</td>
<td>15</td>
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<tr>
<td>175.101</td>
<td>Psychology as a Social Science</td>
<td>15</td>
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<td>175.102</td>
<td>Psychology as a Natural Science</td>
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<td>175.201</td>
<td>Social Psychology</td>
<td>15</td>
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<tr>
<td>175.205</td>
<td>Brain and Behaviour</td>
<td>15</td>
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<tr>
<td>175.206</td>
<td>Memory and Cognition</td>
<td>15</td>
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<tr>
<td>175.210</td>
<td>Nga Tirohanga Rua o te Taha Hinengaro: Bicultural Perspectives in Psychology</td>
<td>15</td>
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<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>
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<tr>
<td>175.303</td>
<td>The Practice of Psychological Research</td>
<td>15</td>
</tr>
<tr>
<td>175.306</td>
<td>Assessment of Individual Differences</td>
<td>15</td>
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<tr>
<td>175.309</td>
<td>Forensic Psychology</td>
<td>15</td>
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<td>175.311</td>
<td>Psychology of Women</td>
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<tr>
<td>175.317</td>
<td>Health Psychology</td>
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<tr>
<td>175.318</td>
<td>Experimental Psychology</td>
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<tr>
<td>175.345</td>
<td>Organisational Psychology</td>
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<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>
<tr>
<td>194.350</td>
<td>Human Lifecycle Physiology</td>
<td>15</td>
</tr>
<tr>
<td>214.102</td>
<td>Applied Sciences for Health Professionals</td>
<td>15</td>
</tr>
<tr>
<td>214.110</td>
<td>Introduction to Environmental Health and Housing</td>
<td>15</td>
</tr>
<tr>
<td>214.131</td>
<td>Introduction to Food and Nutrition</td>
<td>15</td>
</tr>
<tr>
<td>214.201</td>
<td>Human Biosciences: Impaired Body Function</td>
<td>15</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>
</tbody>
</table>

## Part I

### 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; and including:
   - (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

### 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; and including
   (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, studies, 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.

### Unsatisfactory Academic Progress

6. The general Unsatisfactory Academic Progress regulations will apply.

### Schedule for the Diploma in Human Development

**Core courses (60 credits):**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>275.102</td>
<td>Human Development</td>
<td>15</td>
</tr>
<tr>
<td>275.203</td>
<td>Development in Childhood</td>
<td>15</td>
</tr>
<tr>
<td>275.204</td>
<td>Adult Development</td>
<td>15</td>
</tr>
<tr>
<td>275.208</td>
<td>Development in Adolescence</td>
<td>15</td>
</tr>
</tbody>
</table>

**Compulsory course selection**

At least 30 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>253.250</td>
<td>Counselling Principles and Practice</td>
<td>15</td>
</tr>
<tr>
<td>253.255</td>
<td>Cultural Issues in Counselling</td>
<td>15</td>
</tr>
<tr>
<td>253.353</td>
<td>Guidance Principles and Practice</td>
<td>15</td>
</tr>
<tr>
<td>275.202</td>
<td>Development Through Relationships</td>
<td>15</td>
</tr>
<tr>
<td>275.237</td>
<td>Narrative in Human Development</td>
<td>15</td>
</tr>
<tr>
<td>275.304</td>
<td>Development of Gender</td>
<td>15</td>
</tr>
<tr>
<td>275.307</td>
<td>Infants in Families</td>
<td>15</td>
</tr>
</tbody>
</table>

**Elective courses**

No more than 30 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.201</td>
<td>Te Kāwenata o Waitangi: The Treaty of Waitangi in New Zealand</td>
<td>15</td>
</tr>
<tr>
<td>150.202</td>
<td>Hauira Tāngata: Māori Health Foundations</td>
<td>15</td>
</tr>
<tr>
<td>175.101</td>
<td>Psychology as a Social Science</td>
<td>15</td>
</tr>
<tr>
<td>176.102</td>
<td>New Zealand Society</td>
<td>15</td>
</tr>
</tbody>
</table>
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;
   and including:
   (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.

Student Progression

7. Progression to Part Two from Part One is on the basis of successful completion of Part One or waiver in accordance with Regulation 3.
8. Progression from Part Two to completion is on the basis of passing all of Part Two or through the award of Combined Results Pass.
9. In cases of sufficient merit achieved throughout Part Two of the programme, the Diploma in Meat Technology 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.

Unsatisfactory Academic Progress

12. The general Unsatisfactory Academic Progress regulations will apply.

Schedule for the Diploma in Meat Technology

Part One

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>280.016</td>
<td>Elementary Meat Science</td>
<td>30</td>
</tr>
<tr>
<td>280.017</td>
<td>Elementary Meat Mathematics</td>
<td>15</td>
</tr>
</tbody>
</table>

Part Two

Compulsory courses (45 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>280.101</td>
<td>Animal Production Through to Carcass Classification</td>
<td>15</td>
</tr>
<tr>
<td>280.102</td>
<td>Preparation and Preservation of Fresh Meat</td>
<td>15</td>
</tr>
<tr>
<td>280.105</td>
<td>Quality Assurance for the Meat Industry</td>
<td>15</td>
</tr>
</tbody>
</table>

Subject courses

At least 45 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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>
<tr>
<td>280.106</td>
<td>Added-Value Processing of Meat and Meat Products</td>
<td>15</td>
</tr>
<tr>
<td>280.107</td>
<td>Automation and New Technology in the Meat Industry</td>
<td>15</td>
</tr>
</tbody>
</table>

Practica:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Practicum</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>142.018</td>
<td>I</td>
<td>0</td>
</tr>
<tr>
<td>142.019</td>
<td>II</td>
<td>0</td>
</tr>
</tbody>
</table>

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, studios, workshops, tutorials and laboratories as required.

Specialisation
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 15</td>
</tr>
<tr>
<td>147.102 Mental Health and Society 15</td>
</tr>
<tr>
<td>147.201 Issues in Rehabilitation 15</td>
</tr>
<tr>
<td>231.106 Introduction to Public Health 15</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 15</td>
</tr>
<tr>
<td>147.102 Mental Health and Society 15</td>
</tr>
<tr>
<td>150.114 He Tirohanga o Mua: Māori Custom, Lore and Economics 15</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 be required 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
### Engineering Studies Endorsement (90 credits) (No new enrolments)

<table>
<thead>
<tr>
<th>Compulsory courses (75 credits):</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>228.153 Introductory Engineering Studies</td>
<td>15</td>
</tr>
<tr>
<td>123.103 Introductory Chemistry</td>
<td>15 R 119.153, 123.103 may not be taken after 123.101, 123.171, 123.102 or 123.172 has been passed</td>
</tr>
<tr>
<td>124.100 Introductory Physics</td>
<td>15 R 119.153, 124.100 may not be taken after any of 124.101, 124.102, 124.111, 124.171, 124.172 has been passed</td>
</tr>
</tbody>
</table>

And 15 credits from:

| 160.103 Introductory University Mathematics | 15 |
| 160.132 Concepts in Mathematics | 15 R 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 |

Elective courses (15 credits):

| 120.101 Biology of Plants | 15 |
| 123.101 Chemistry and Living Systems | 15 R 123.171 |
| 122.102 Biochemistry of Cells | 15 P 123.101, 162.101 |
| 123.102 Chemistry and the Material World | 15 R 123.172 |
| 159.101 Programming Fundamentals | 15 |
| 161.120 Introductory Statistics | 15 R 115.101, 161.100, 161.101, 161.110, 161.130, 161.140, 195.101 |
| 161.130 Introductory Biostatistics | 15 R 161.100, 161.101, 161.110, 161.120, 161.140, 115.101, 195.101 |
| 214.131 Introduction to Food and Nutrition | 15 R 141.101, 151.232, 151.344 |
| 246.101 Science and Sustainability | 15 |
| 115.112 Accounting for Business | 15 R 115.102 |

### Veterinary Preparation Endorsement (120 credits) (no new enrolments)

<table>
<thead>
<tr>
<th>Compulsory courses (75 credits):</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>123.103 Introductory Chemistry</td>
<td>15 R 119.153, 123.103 may not be taken after 123.101, 123.171, 123.102 or 123.172 has been passed</td>
</tr>
<tr>
<td>124.100 Introductory Physics</td>
<td>15 R 119.153, 124.100 may not be taken after any of 124.101, 124.102, 124.111, 124.171, 124.172 has been passed</td>
</tr>
</tbody>
</table>

And 15 credits from:

| 162.103 Introductory Biology | 15 R 162.103 may not be taken after 162.101 has been passed |
| 158.100 Computer Applications and the Information Age | 15 |
| 230.112 Tu Aroha: Critical Thinking | 15 R 134.103 |

And 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, 161.130, 161.140, 195.101 |
| 161.130 Introductory Biostatistics | 15 R 161.100, 161.101, 161.110, 161.120, 161.140, 115.101, 195.101 |

And 15 credits from:

| 160.103 Introductory University Mathematics | 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 |
| 160.132 Concepts in Mathematics | 15 R 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 |

Elective courses (15 credits):

| 120.101 Biology of Plants | 15 |
| 123.101 Chemistry and Living Systems | 15 R 123.171 |
| 122.102 Biochemistry of Cells | 15 R 123.101, 162.101 |
| 123.102 Chemistry and the Material World | 15 R 123.172 |
| 159.101 Programming Fundamentals | 15 |
| 161.120 Introductory Statistics | 15 R 115.101, 161.100, 161.101, 161.110, 161.130, 161.140, 195.101 |
| 161.130 Introductory Biostatistics | 15 R 161.100, 161.101, 161.110, 161.120, 161.140, 115.101, 195.101 |
| 214.131 Introduction to Food and Nutrition | 15 R 141.101, 151.232, 151.344 |
| 246.101 Science and Sustainability | 15 |
| 115.112 Accounting for Business | 15 R 115.102 |

### The Diploma in Visual Arts

#### DipVisualArts

#### 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.

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.
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 Name</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 P</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 R</td>
</tr>
<tr>
<td>212.101</td>
<td>Fashion Construction</td>
<td>15 R</td>
</tr>
<tr>
<td>213.150</td>
<td>Painting</td>
<td>15 R</td>
</tr>
<tr>
<td>213.151</td>
<td>Contemporary Sculpture</td>
<td>15 R</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 R</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 R</td>
</tr>
<tr>
<td>237.117</td>
<td>Māori Art and Design Studio I – Toi Atea</td>
<td>15 R</td>
</tr>
<tr>
<td>237.130</td>
<td>Communication for Makers</td>
<td>15 R</td>
</tr>
<tr>
<td>237.131</td>
<td>Conversations in Creative Cultures</td>
<td>15 R</td>
</tr>
</tbody>
</table>
# UNDERGRADUATE CERTIFICATES

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The Certificate in Aviation Studies ........................................... 395
The Certificate in Business Studies .......................................... 395
The Certificate in Pacific Development* .................................. 397

* 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 Certificate in Arts requires that the candidate will meet the University admission requirements as specified.

#### 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>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>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>
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<tr>
<td>178.309</td>
<td>Development and Social Change: Contemporary Issues</td>
<td>15</td>
</tr>
<tr>
<td>178.310</td>
<td>Ethnicity and Ethnic Identity: Contemporary Issues</td>
<td>15</td>
</tr>
<tr>
<td>178.316</td>
<td>Understanding Globalisation in Depth</td>
<td>15 R 176.216</td>
</tr>
<tr>
<td>178.318</td>
<td>Sociology of Death and Dying</td>
<td>15</td>
</tr>
<tr>
<td>178.322</td>
<td>The World of Work: Contemporary Issues</td>
<td>15</td>
</tr>
<tr>
<td>178.323</td>
<td>The Transformation of the Pacific: Contemporary Issues</td>
<td>15</td>
</tr>
<tr>
<td>178.330</td>
<td>Advanced Macroeconomics</td>
<td>15 P 178.200</td>
</tr>
<tr>
<td>178.331</td>
<td>Advanced Microeconomics</td>
<td>15 P 178.201</td>
</tr>
<tr>
<td>178.337</td>
<td>Markets, Firms and Consumers</td>
<td>15 P 178.201 or 125.230; or (115.106 or 115.113 or 178.101) and 178.290</td>
</tr>
<tr>
<td>178.338</td>
<td>Economic Analysis of Money, Banking and Financial Markets</td>
<td>15 P Any 178.2xx course; R 178.300</td>
</tr>
<tr>
<td>178.339</td>
<td>Project Evaluation</td>
<td>15 P any 178.1xx course</td>
</tr>
<tr>
<td>178.352</td>
<td>Survey of International Economics</td>
<td>15 P 178.260, 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 P Any 178.1xx course or 119.156 R 178.357</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>178.372</td>
<td>Community Development</td>
<td>15</td>
</tr>
<tr>
<td>178.330</td>
<td>Māori Development and the Social Services</td>
<td>15</td>
</tr>
<tr>
<td>193.304</td>
<td>Animal Welfare Emergency Management</td>
<td>15 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>
</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>200.381</td>
<td>Contemporary New Zealand Politics</td>
<td>15</td>
</tr>
<tr>
<td>201.313</td>
<td>Myth and Greek Tragedy</td>
<td>15 R 201.213</td>
</tr>
<tr>
<td>201.314</td>
<td>Imperial Rome</td>
<td>15 R 201.214</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 R 201.218</td>
</tr>
<tr>
<td>201.319</td>
<td>Greek Art and Society</td>
<td>15 R 201.219</td>
</tr>
<tr>
<td>201.320</td>
<td>Roman Art and Society</td>
<td>15 R 201.220</td>
</tr>
<tr>
<td>219.302</td>
<td>Gender and Communication in Organisations</td>
<td>15 R 114.358</td>
</tr>
<tr>
<td>219.312</td>
<td>Risk and Crisis Communication</td>
<td>15</td>
</tr>
<tr>
<td>230.301</td>
<td>Social Science at Work</td>
<td>15 P 30 credits at 200 level from 145, 146, 176, and/or 200-prefix courses</td>
</tr>
<tr>
<td>230.310</td>
<td>To Tira Mai: Practising Engagement</td>
<td>15 P 230.210</td>
</tr>
<tr>
<td>241.301</td>
<td>Chinese 3A</td>
<td>15 P 241.202 or appraisal required; R 241.302</td>
</tr>
<tr>
<td>241.302</td>
<td>Chinese 3B</td>
<td>15 P 241.301 or appraisal required; R 241.341, 193.341, 169.342</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 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;
   (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>Code</th>
<th>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>
</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;
   (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>110.109</td>
<td>Introductory Financial Accounting</td>
<td>15</td>
</tr>
<tr>
<td>110.109</td>
<td>Introduction to Business Data Analysis</td>
<td>15</td>
</tr>
<tr>
<td>111.111</td>
<td>Strategic Workplace Communication</td>
<td>15</td>
</tr>
<tr>
<td>111.112</td>
<td>Accounting for Business</td>
<td>15</td>
</tr>
<tr>
<td>111.113</td>
<td>Economics of Business</td>
<td>15</td>
</tr>
<tr>
<td>111.114</td>
<td>Finance Fundamentals</td>
<td>15</td>
</tr>
<tr>
<td>111.115</td>
<td>Management in Context</td>
<td>15</td>
</tr>
<tr>
<td>111.116</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 Relations</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>MCom 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>156.231</td>
<td>Strategic Marketing Management</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>125.364</td>
<td>Bank Financial Management</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>
<tr>
<td>127.378</td>
<td>Property Economics</td>
<td>15</td>
</tr>
<tr>
<td>152.304</td>
<td>Managing Services</td>
<td>15</td>
</tr>
<tr>
<td>152.325</td>
<td>Designing and Developing Organisations</td>
<td>15</td>
</tr>
<tr>
<td>152.330</td>
<td>Enterprise Development</td>
<td>15</td>
</tr>
<tr>
<td>152.331</td>
<td>Scaling and Growth</td>
<td>15</td>
</tr>
<tr>
<td>152.333</td>
<td>New Venture Project</td>
<td>15</td>
</tr>
<tr>
<td>152.336</td>
<td>Leadership Practice</td>
<td>15</td>
</tr>
<tr>
<td>152.337</td>
<td>New Venture Development</td>
<td>15</td>
</tr>
<tr>
<td>152.338</td>
<td>Cultural Perspectives on Entrepreneurship</td>
<td>15</td>
</tr>
<tr>
<td>152.350</td>
<td>Strategic Management and Governance</td>
<td>15</td>
</tr>
<tr>
<td>152.355</td>
<td>Sustainability Issues, Challenges and Responses</td>
<td>15</td>
</tr>
<tr>
<td>152.366</td>
<td>Operational Management of International Business</td>
<td>15</td>
</tr>
<tr>
<td>152.370</td>
<td>Te Whanaketanga a te Pakihi Māori – Advanced Māori Business Development and Management</td>
<td>15</td>
</tr>
<tr>
<td>155.301</td>
<td>Employment Law</td>
<td>15</td>
</tr>
<tr>
<td>155.313</td>
<td>Commercial Transactions Contrary to Conscience</td>
<td>15</td>
</tr>
<tr>
<td>155.315</td>
<td>Sport Law</td>
<td>15</td>
</tr>
<tr>
<td>156.333</td>
<td>Market Analysis</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>156.339</td>
<td>Omni-Channel Retail Marketing</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
- 179.230 The Wellbeing of Pacific Peoples in New Zealand

Elective courses (30 credits):

- 146.102 Endangered Cultures
- 179.110 Introducing Social and Community Work Practice
- 146.214 The Politics of Culture
- 176.203 Development and Social Change: Central Themes
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 will 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.

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):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>231.106</td>
<td>Introduction to Public Health</td>
<td>15</td>
</tr>
<tr>
<td>231.108</td>
<td>Health Intervention Management</td>
<td>15</td>
</tr>
</tbody>
</table>

Schedule B

At least 30 credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.112</td>
<td>Hauora Tangata: Māori and Global Indigenous Health</td>
<td>15</td>
</tr>
<tr>
<td>214.102</td>
<td>Applied Sciences for Health Professionals</td>
<td>15 R 123.101, 123.103</td>
</tr>
<tr>
<td>231.107</td>
<td>Social Determinants of Health</td>
<td>15</td>
</tr>
<tr>
<td>250.100</td>
<td>Introduction to Communication in Health</td>
<td>15</td>
</tr>
</tbody>
</table>

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 will 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 timeframes for completion as outlined in the General Regulations for the Undergraduate Degrees, Undergraduate Diplomas, Undergraduate Certificates, Graduate Diplomas, and Graduate Certificates will apply.

7. Candidates may be graduated when they meet the Qualification and Academic requirements within the prescribed timeframes.

Unsatisfactory Academic Progress

8. The general Unsatisfactory Academic Progress regulations will apply.

Transition Provisions

9. All candidates who commenced study towards the Certificate 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 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 unendorsed 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>
</tbody>
</table>

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>

15 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>160.132</td>
<td>Concepts in Mathematics</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>
</tbody>
</table>

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>

### 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>

15 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>192.102</td>
<td>Academic Writing in English for Speakers of Other Languages</td>
<td>15</td>
</tr>
</tbody>
</table>

### Other Endorsements

**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>
</tbody>
</table>

### Exceptional Performance

A student who has passed 160.131, 160.132, 160.133, 160.101, 160.111, 160.112, 228.171, or 228.172 may not also be credited with a pass in 160.103 that is obtained in either the same or a subsequent examination period.

R A student who has passed 160.101, 160.102, 160.103, 160.111, 160.112, 228.171, 228.172, 160.132 may not be taken after 160.133 has been passed.

R 119.153, 123.103 may not be taken after 123.101, 123.171, 123.102 or 123.172 has been passed.

R 119.153, 124.108 may not be taken after any of 124.101, 124.102, 124.111, 124.171, 124.172 has been passed.

R A student who has passed 160.131, 160.132, 160.133, 160.101, 160.111, 160.112, 228.171, 228.172, 160.132 may not be taken after 160.133 has been passed.

R 160.101, 160.102, 160.103, 160.111, 160.112, 228.171, 228.172, 160.132 may not be taken after 160.133 has been passed.

R 160.101, 160.102, 160.103, 160.111, 160.112, 228.171, 228.172, 160.132 may not be taken after 160.133 has been passed.

R 160.101, 160.102, 160.103, 160.111, 160.112, 228.171, 228.172, 160.132 may not be taken after 160.133 has been passed.

R 160.101, 160.102, 160.103, 160.111, 160.112, 228.171, 228.172, 160.132 may not be taken after 160.133 has been passed.

R 160.101, 160.102, 160.103, 160.111, 160.112, 228.171, 228.172, 160.132 may not be taken after 160.133 has been passed.

R 161.100, 161.101, 161.120, 161.110, 161.130, 161.140, 115.101, 195.101

R 161.100, 161.101, 161.110, 161.120, 161.140, 115.101, 195.101

R 161.100, 161.101, 161.110, 161.120, 161.140, 115.101, 195.101

R 162.103, 214.131 may not be taken after 160.101 has been passed.

R 162.103, 141.101, 151.232, 151.344

R 162.103, 141.101, 151.232, 151.344

R A student who has passed 160.131, 160.132, 160.133, 160.101, 160.111, 160.112, 228.171, 228.172, 160.132 may not be taken after 160.133 has been passed.

R 162.103, 141.101, 151.232, 151.344

R 162.103, 141.101, 151.232, 151.344

R 162.103, 141.101, 151.232, 151.344

**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...
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 Name</th>
<th>Hours</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>197.119</td>
<td>Coding for Creative Practice</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</td>
</tr>
<tr>
<td>197.122</td>
<td>Digital Fabrication</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>212.100</td>
<td>Fashion Pattern Making</td>
<td>15</td>
<td>R 212.203</td>
</tr>
<tr>
<td>212.101</td>
<td>Fashion Construction</td>
<td>15</td>
<td>R 212.205</td>
</tr>
<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>221.100</td>
<td>Photography as an Agent of Change</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>222.103</td>
<td>Social Media Culture</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>222.104</td>
<td>Printmaking</td>
<td>15</td>
<td>R 222.209</td>
</tr>
<tr>
<td>237.117</td>
<td>Māori Art and Design Studio I – Toi Atea</td>
<td>15</td>
<td>R 197.117</td>
</tr>
<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>
<tr>
<td>289.101</td>
<td>Introduction to Web and Mobile Media</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>289.102</td>
<td>Visualisation for Media Production</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>289.103</td>
<td>Introduction to Computer Animation</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>289.104</td>
<td>Introduction to Visual Effects and Motion Graphics</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>289.105</td>
<td>Introduction to Digital Video Production</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>289.106</td>
<td>Introduction to Game Technologies and Mechanics</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>289.107</td>
<td>Introduction to Audio Production and Sound Design</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>289.108</td>
<td>Introduction to Animatronics and Modelling</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>289.190</td>
<td>Creative Media Production Special Topic 1a</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>289.191</td>
<td>Creative Media Production Special Topic 1b</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>289.192</td>
<td>Creative Media Production Special Topic 1c</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>
SUB-DEGREE CERTIFICATES

The Certificate in Advanced Intensive English .......................... 401
The Certificate in Elementary Intensive English ......................... 401
The Certificate in Foundation Studies ........................................... 402
The Certificate in Intermediate Intensive English ......................... 402
The Certificate in Pre-Intermediate Intensive English .................... 403
The Certificate of University Preparation ...................................... 403
The Certificate in Upper Intermediate Intensive English ................. 404
The Foundation Certificate in Academic English .......................... 404
The Foundation Certificate in Advanced Academic English ............. 405
The Foundation Certificate in Agriculture ..................................... 405

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

192.089 Advanced Reading and Writing 18
192.090 Expressing Complex Ideas and Relationships 18
192.091 Accessing the Community 18
192.092 Advanced Reading and Writing (Special Topic) 18
192.095 English for Academic Purposes: Advanced 18
192.096 Extending Language Skills and Strategies for Tertiary Studies 18

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

192.062 Elementary Listening and Speaking 18
192.063 Elementary Reading and Writing 18
192.064 Skills and Strategies for Elementary Listening and Speaking 18
192.065 Skills and Strategies for Elementary Reading and Writing 18
The Certificate in Foundation Studies  
CertFoundStud

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>192.041</td>
<td>Academic Language and Writing 2</td>
<td>15</td>
<td>P 192.040, 192.042; C 192.043</td>
</tr>
<tr>
<td>192.042</td>
<td>Study Skills and Strategies</td>
<td>15</td>
<td>C 192.040 or 192.043</td>
</tr>
<tr>
<td>192.043</td>
<td>Critical Academic Skills</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

Schedule B: Specific courses for the Certificate in Foundation Studies Pathways

**Business Pathway (60 credits)**

- 115.013 Foundation Management 15 R 152.011
- 115.014 Foundation Economics 15 R 178.011
- 115.015 Foundation Financial Literacy 15
- 192.011 Foundation Communications 15
- 247.001 Foundation Mathematics 1 15 R 119.010

**Humanities/Social Sciences Pathway (60 credits)**

- 115.014 Foundation Economics 15 R 178.011
- 150.001 Bridging Studies in Māori Culture and Society 15
- 192.011 Foundation Communications 15
- 230.001 Foundation Humanities 15
- 230.002 Foundation Social Sciences 15

**Science Pathway (60 credits)**

At least 45 credits from:

- 247.001 Foundation Mathematics 1 15 R 119.010
- 247.002 Foundation Mathematics 2 15 R 160.011
- 247.003 Foundation Physical Sciences 15 R 119.011
- 247.004 Foundation Biological Sciences 15 R 119.012

No more than 15 credits from:

- 115.014 Foundation Economics 15 R 178.011
- 192.011 Foundation Communications 15

**Health Pathway (60 credits from)**

- 150.001 Bridging Studies in Māori Culture and Society 15
- 192.011 Foundation Communications 15
- 214.003 Foundation Human Bioscience 15
- 230.002 Foundation Social Sciences 15
- 247.001 Foundation Mathematics 1 15 R 119.010

---

The Certificate in Intermediate Intensive English  
CertIntlE

**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...
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 Intensive English certificate.

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.

---

**The Certificate in Pre-Intermediate Intensive English**

**CertPre-IntIE**

**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 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 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 meet the University admission requirements as specified, or shall 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;
   (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.
## Schedule for the Certificate in University Preparation

### Schedule A: Core courses for the Certificate of University Preparation

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
<th>Pre/Co/R</th>
</tr>
</thead>
<tbody>
<tr>
<td>192.042</td>
<td>Study Skills and Strategies</td>
<td>15</td>
<td>C 192.040 or 192.043</td>
</tr>
<tr>
<td>192.043</td>
<td>Critical Academic Skills</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

### Schedule B: Specific courses for the Certificate of University Preparation Pathways

#### Business Pathway (30 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
<th>Pre/Co/R</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.013</td>
<td>Foundation Management</td>
<td>15</td>
<td>R 152.011</td>
</tr>
<tr>
<td>115.014</td>
<td>Foundation Economics</td>
<td>15</td>
<td>R 178.011</td>
</tr>
<tr>
<td>115.015</td>
<td>Foundation Financial Literacy</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>192.011</td>
<td>Foundation Communications</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>247.001</td>
<td>Foundation Mathematics 1</td>
<td>15</td>
<td>R 119.010</td>
</tr>
</tbody>
</table>

#### Humanities/Social Sciences Pathway (30 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
<th>Pre/Co/R</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.014</td>
<td>Foundation Economics</td>
<td>15</td>
<td>R 178.011</td>
</tr>
<tr>
<td>150.001</td>
<td>Bridging Studies in Maori Culture and Society</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>192.011</td>
<td>Foundation Communications</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

#### Science Pathway (30 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
<th>Pre/Co/R</th>
</tr>
</thead>
<tbody>
<tr>
<td>230.001</td>
<td>Foundation Humanities</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>230.002</td>
<td>Foundation Social Sciences</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

At least 15 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
<th>Pre/Co/R</th>
</tr>
</thead>
<tbody>
<tr>
<td>247.001</td>
<td>Foundation Mathematics 1</td>
<td>15</td>
<td>R 119.010</td>
</tr>
<tr>
<td>247.002</td>
<td>Foundation Mathematics 2</td>
<td>15</td>
<td>R 160.011</td>
</tr>
<tr>
<td>247.003</td>
<td>Foundation Physical Sciences</td>
<td>15</td>
<td>R 119.011</td>
</tr>
<tr>
<td>247.004</td>
<td>Foundation Biological Sciences</td>
<td>15</td>
<td>R 119.012</td>
</tr>
</tbody>
</table>

No more than 15 credits from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
<th>Pre/Co/R</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.014</td>
<td>Foundation Economics</td>
<td>15</td>
<td>R 178.011</td>
</tr>
<tr>
<td>192.011</td>
<td>Foundation Communications</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

#### Health Pathway (30 credits from)

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
<th>Pre/Co/R</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.001</td>
<td>Bridging Studies in Maori Culture and Society</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>192.011</td>
<td>Foundation Communications</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>214.003</td>
<td>Foundation Human Bioscience</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>230.002</td>
<td>Foundation Social Sciences</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>247.001</td>
<td>Foundation Mathematics 1</td>
<td>15</td>
<td>R 119.010</td>
</tr>
</tbody>
</table>

### The Certificate in Upper Intermediate Intensive English

**CertUpperIntE**

#### 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.

### Schedule for the Certificate in Upper Intermediate Intensive English

#### Programme of Study

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
<th>Pre/Co/R</th>
</tr>
</thead>
<tbody>
<tr>
<td>192.080</td>
<td>Upper Intermediate Reading and Writing</td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>192.082</td>
<td>Upper Intermediate Listening and Speaking</td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>192.085</td>
<td>Skills and Strategies for Upper Intermediate Listening and Speaking</td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>192.088</td>
<td>Skills and Strategies for Upper Intermediate Reading and Writing</td>
<td>18</td>
<td></td>
</tr>
</tbody>
</table>

### 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 Recognition of Prior Learning, Assessment and Examinations, and Assessment and Examinations, and

#### Unsatisfactory Academic Progress

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 5.0 IELTS in each band or equivalent.

3. Candidates must pass all four courses to be eligible for the award of the qualification.

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
<th>Pre/Co/R</th>
</tr>
</thead>
<tbody>
<tr>
<td>192.020</td>
<td>Academic Reading and Writing</td>
<td>18</td>
<td></td>
</tr>
</tbody>
</table>
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.

The Foundation Certificate in Advanced Academic English

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.
4. A candidate's programme of study may not exceed two years from date of first enrolment in the Foundation Certificate in Agriculture.

Prerequisite Requirements

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).
   - Certificate in Foundation Studies: 2.0
   - Certificate of University Preparation: 4.0
   - Undergraduate: 7.0

Note
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.

The Foundation Certificate in Agriculture

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>Code</th>
<th>Course</th>
<th>Credit</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>
Kaupapa Here Aratohu | Code of Student Conduct

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).

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.

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 re-presentation 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.

Student Discipline
Students are required to complete assessment tasks individually and submit individual work unless the Course Guide advises that assessments are group assessments.

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.
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.

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.

Library Regulations
1. The University Library is provided for the purpose of study and research by the University’s students and staff and is a shared resource for the Massey community. Every authorised user of the Library has both a right to use the Library without undue disturbance or distraction and a concomitant duty to respect the rights of others. Not all services are available to all categories of users. The Library subscribes to electronic resources whose licences stipulate how and by whom they may be used. If a licence is violated by anyone inside or outside the University, there may be serious consequences for the University, including suspension of all University access to the resource by the Publisher.
   The following Regulations are promulgated for the benefit of all Library users.
   Note: ‘University Librarian’ or delegate means the person performing the duties of the University Librarian. ‘Library’ means any room used primarily for the purposes of the University Library. ‘Library material’ means any item, whether print, electronic or other format, provided by the Library for information, study or research.

   Authorised Users – the Library’s Physical Collections
2. The following persons shall be entitled to use the Library and the Library’s print resources:
   (a) academic, adjunct, and professional staff of the University;
   (b) honorary and approved visiting academic staff
   (c) currently enrolled students at the University;
   (d) community members of University Council and University Ethics Committees;
   (e) prospective Masters and PhD students (for a limited period)
   (f) staff and students of institutions that have a reciprocal agreement with Massey University Library, including Palmerston North-based scientific and technical staff of the Fonterra Research Centre, the local divisions of the Crown Research Institutes, and the Leather and Shoe Research Association; members of ULANZ (University Libraries of Australia and New Zealand);
   (g) retired members of staff;
   (h) external members, including Alumni, (fees may apply)
   (i) other persons at the discretion of the University Librarian.

   Authorised Users – the Library’s Licenced Electronic Resources
3. The following persons shall be entitled to use the Library’s electronic resources, for the purpose of Massey University related study and research only:
   (a) academic, adjunct, and professional staff of the University (as named in the University Calendar);
   (b) honorary and approved visiting academic staff
   (c) currently enrolled students at the University
   (d) approved prospective Masters and PhD students (for a limited period)
   (e) community members of the University Council and University Ethics Committees;
   (f) Alumni (only for specified resources)

Hours of Opening
4. Hours of opening shall be posted at each Library and on the Library website. The hours may be varied at the discretion of the University Librarian.

Library Cards
5. All authorised users shall carry a current library card and produce it upon request. For most staff and students the library card is the University ID card.
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 Master’s 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.
Massey University takes out a licence with Copyright Licensing New Zealand, Australasian Performing Right Association (APRA), Australasian Mechanical Copyright Owners Society (AMCO) Recorded Music New Zealand, Screenrights, and various electronic resources annually. These licences stipulate requirements for reproduction of copyright print works, music, broadcast sound and television works, and electronic resources for educational purposes only, and indemnifies the University and staff against any prosecution for any alleged breach of copyright while acting under the conditions of the licences. The licences do not lessen the obligation of students mentioned above.

**Policy on Use and Access to Information Technology Systems**

The purpose of the policy is to regulate access to and define authorised use of all University information technology and communication systems by all users. The policy is available on the University’s website at: [http://policyguide.massey.ac.nz/](http://policyguide.massey.ac.nz/)

This policy covers IT and communications systems in general; items specifically included are the authorisation for access and proper use, legal ownership of messages generated or manipulated, system and information misuse criteria, misuse of IT system communication mechanisms, privacy issues relating to individuals and messages, regular message monitoring, collection of statistical data and electronic remote control computer support. This policy also covers the procedure for dealing with policy breaches by staff and students. A breach of the policy is regarded seriously by the University and may lead to disciplinary action.

Related documents that should be read in conjunction with this policy can also be found on the University’s website at: [http://policyguide.massey.ac.nz/](http://policyguide.massey.ac.nz/)

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### 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>
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<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>
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<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**

- WD: Withdrew 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 remarking 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 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.
Subject to clause 13(a) to (i) above, the Academic Board or its delegate, at its discretion may decide to alter a mark, and if so the quantum of the alteration, or not to alter a mark. The Academic Board or its delegate must have regard to the student's course work as completed, whether performance in the assessment is atypical compared to other assessments completed, and in relation to the overall class performance for the assessment completed, and any other concessions granted.

(q) 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.

Assignments and Examinations in Te Reo Māori

14. The Māori language is an official language (he reo whai mana) of Aotearoa. The University endeavours to recognise this and support the revitalisation and retention Te Reo Māori with respect to the Treaty of Waitangi. Students who are proficient in Te Reo Māori and have the necessary level of competency are encouraged to write assignments, tests, examinations, and text accompanying creative works, in Te Reo Māori, subject to approval and where the subject is considered to be appropriate. Students wishing to pursue this option should make application to the Assessment Manager, Student Administration, by 31 January for Semester One and Double Semester courses and by 16 June for Semester Two and Summer School courses.

Doctoral theses may be submitted in Te Reo Māori, English, or in both languages. The oral examination may also be conducted in Te Reo Māori. Candidates intending to submit their doctoral thesis in Te Reo Māori, or in a substantial combination of English and Te Reo Māori, must indicate this intention within two months of provisional registration. They should supply a letter from the AVC (Māori and Pasifika) or a staff member fluent in Te Reo Māori, affirming that they have the required level of competency in Te Reo Māori, will be working in an area where the language is considered to be appropriate, and that supervisory expertise is available in the Māori language.

Examination – Research Reports, Dissertations, Master’s and Doctoral Theses

Research Reports and Dissertations

15. (a) All research reports and dissertations (up to 60 credits) shall be graded by two examiners, at least one of whom shall be independent of the research work, with external moderation undertaken in accordance with College policies.

(b) At the discretion of the examiner(s), a candidate may be examined orally on the subject of the research report or dissertation.

(c) At the discretion of the chief examiner, a failed research report or dissertation 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.

Master’s and Doctoral Theses

16. General

(a) The use of Te Reo in a thesis will follow the guidelines set out in Massey University’s Māori Language Policy: Matua Reo Kaupapa.

(b) Theses shall, unless the Librarian otherwise approves, conform with the format requirements as detailed in the current library handbook a Guide to the Presentation of Theses.

(c) The University may agree to accept a thesis solely in digital form, where the nature of the research is such that it is not appropriate for the thesis to be submitted in a printed form. Approval of the use of digital format in this way should be sought by the candidate at an early stage of enrolment in the thesis.

(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 re-submitted 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).

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.
• 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:
(a) The Official Information Act 1982
(b) The Local Government Official Information and Meetings Act 1987
(c) The Employment Relations Act 2000
(d) The Human Rights Act 1993
(e) The Privacy Act 1993
(f) Consumer Guarantees Act 1993
(g) The Protected Disclosures Act 2000
(h) Code of Practice and Pastoral Care of International Students 2016
(i) 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. (Mediation preferred forum for resolution.) Students may approach their Students Association representative for support, advice and advocacy.

Step 2
If no resolution, or Step 1 is inappropriate, complainant approaches Head of Department/College/Institute/Section or, where the Head is the respondent or there is no settlement of the Grievance, the Pro Vice-Chancellor of the College. (Mediation preferred forum for resolution.)

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/College/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/College/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.

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.

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 lecture 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.

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 must 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>starting in</th>
<th>New and Returning Applicants applying for a new qualification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester One/Double Semester</td>
<td>Tuesday 31 October 2017 (International students)</td>
</tr>
<tr>
<td>Semester Two</td>
<td>Friday 26 January 2018 (Domestic and returning International students)</td>
</tr>
<tr>
<td>Summer School</td>
<td>Monday 18 June 2018 (Domestic students)</td>
</tr>
</tbody>
</table>

Due date for enrolment into courses

<table>
<thead>
<tr>
<th>For Courses in</th>
<th>All Applicants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester One/Double Semester</td>
<td>Monday 12 February 2018 (Domestic and International students)</td>
</tr>
<tr>
<td>Semester Two</td>
<td>Monday 18 June 2018 (Domestic and International students)</td>
</tr>
<tr>
<td>Summer School</td>
<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/or 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>Semester One /Double Semester</td>
<td>Friday 2 March 2018</td>
<td>Friday 2 March 2018</td>
</tr>
<tr>
<td>Semester Two</td>
<td>Friday 20 July 2018</td>
<td>Friday 20 July 2018</td>
</tr>
<tr>
<td>Summer School</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 Application was 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 approve only 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
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.

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.

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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 ceremony 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 enrolls 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 Notice 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;

(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 and then wants to add courses or substitute courses, if the student 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 10 percent of the study period, the student is eligible for a credit. 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 terms listed in this glossary are commonly used in the University. The explanations and descriptions provided are general and brief. More fully-developed statements may be found elsewhere in the Massey University Calendar or can be provided by the Massey Contact Centre or the College concerned.

### Admission
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 the University.

### 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.

### Aegrotat Consideration
A re-consideration 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.

### Academic Board
Established by Massey University Council and consisting of the Vice-Chancellor, certain members of staff and students of Massey University. It (a) advises Council on matters relating to programmes of study or training, awards and other academic matters, and (b) exercises powers delegated to it by Council.

### Academic Standing
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.

### Academic Year
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.

### Admissible
An individual student's programme of study may involve study in any or all semesters in an academic year. For the purposes of the Education Act 1989 (Sections 203, 217, 220 and 226A), academic year means the period of 12 months commencing 1 January.

### Admission to the University
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 entrance 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.

### Approved Health Professional
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.

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### Glossary of Terms

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assessment</td>
<td>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.</td>
</tr>
<tr>
<td>Assessment Criteria</td>
<td>Statements that describe how student performance in relation to the stated learning outcomes will be recognised.</td>
</tr>
<tr>
<td>Bachelor's Degree</td>
<td>The qualification awarded to a person who has completed a university undergraduate degree.</td>
</tr>
<tr>
<td>Block Mode</td>
<td>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.</td>
</tr>
<tr>
<td>Carry Forward of Postgraduate Enrolment</td>
<td>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.</td>
</tr>
<tr>
<td>Certificate</td>
<td>Three different types exist: 1. 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.</td>
</tr>
<tr>
<td>Challenge Examination/Assessment</td>
<td>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.</td>
</tr>
<tr>
<td>Certificate</td>
<td>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.</td>
</tr>
<tr>
<td>Combined Results Pass</td>
<td>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”.</td>
</tr>
<tr>
<td>Composite Major</td>
<td>Composite majors are available in the Bachelor of Communication degree only, and are a prescribed combination of courses from two majors in the degree.</td>
</tr>
<tr>
<td>Confirmation of Enrolment</td>
<td>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.</td>
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</tbody>
</table>
A synchronous event, over one or several days' duration, in which distance students meet with academic staff and other students and participate in any of the following learning experiences: lectures, laboratory classes, workshops, tutorials, seminars, field trips, tests or similar. In-person contact workshops usually occur during the mid-semester and mid-year breaks, at either a Massey University campus or an approved alternative venue. Attendance at, and participation in, contact workshops is recommended and in some cases may be compulsory.

**Contact Workshop: In-Person**

A synchronous event, over one or several hours' duration, in which distance students meet online with academic staff and other students and participate in any of the following learning experiences: webinars, simulations, virtual laboratory classes, tutorials, virtual field-trips or similar. Online contact workshops usually occur during semester at a specified time, and in some cases at regular scheduled times, using University-approved and supported tools. Attendance at, and participation in, contact workshops is recommended and in some cases may be compulsory.

**Contact Workshop: Online**

Core Course

A compulsory course that must be passed as part of a particular qualification.

Corequisite

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.

Course

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, practica, studios or via 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 fullfil programme of study requirements and thus contribute to qualifications. Each course carries its own credit value.

Course Code

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 Coordinator

An academic staff member responsible for the delivery of a course.

Course Guide

A study resource to provide enrolled students with sufficient detail regarding the requirements to pass the course successfully.

Course Offering

A course at a particular campus location in a given semester and delivered either internally, by distance or by block mode.

Course Outline/ Course Description

A study resource available to all students to help them make good enrolment choices.

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 programmes of study for two qualifications at the same time and wishes to credit one or more courses to both qualifications.

CUAP

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.

Current Year of Regulations

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.

Degree

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.

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.

Diplomate

A person who has met the University’s requirements and has been awarded a diploma.

Discipline

A branch of knowledge which is researched and taught at the University.

Dissertation

A detailed examination of a specific topic, which may include assessment of original research, dissertation preparation, 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.

Distance (Extramural) Mode

University study undertaken off-campus delivered primarily online or by 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.

Distinction

An award recognising academic excellence in some undergraduate, graduate and postgraduate qualifications.

Doctoral Degree

This is 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 DClinPsych) 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 doctorate.

Doctoral Web Book

A web publication outlining the guidelines and regulations pertaining to Doctoral study at Massey University. This publication supersedes the previous publication, Handbook for Doctoral Study — commonly referred to as the Doctoral Handbook.

Doctoral Research Committee (DRC)

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.

Effective Weekly Hours

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.

EFTS

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.

Elective Courses

Non-compulsory courses chosen by students (with certain guidelines usually provided). Elective courses contribute to the qualification, but not to the specialisation(s).
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.

**Endorsement**

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.

**Enrolment**

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 Application**

The period during which particular courses are offered, e.g. Semester One.

**Enrolment Period**

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.

**Equivalence**

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(s) for a course or thesis may determine. These questions are set to assess candidates' knowledge, skills and understandings. The results of the examination will form part of the final grade for the course.

**Examination**

A critical explanation accompanying a creative work that, together with other specified elements such as a presentation or exhibition, may comprise the requirements of a thesis.

**Exegesis**

"Exceptional Personal Circumstances" means any extraordinary personal circumstances (supported by corroborative evidence) that have not already been the subject of an Aegrotat and Impaired Performance Application or Fee Appeal.

**Exceptional Personal Circumstances**

(a) The cancellation of a person's enrolment at Massey University, or in a course or programme when during that person's 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 at law permitted to refuse to enrol the person concerned in the course(s) or qualification(s) at this University as the case may be.

**Exclusion**

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.

**Exemption**

Massey Extramural Students' Society. (See Students' Associations.)

**EXMSS**

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.

**External Examiner**

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.

**Fee Appeal**

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 item of internal assessment associated with the visit.

**Field Trip**

Compulsory Learning Experiences, Assessments and Examinations are considered to be of a Fixed Time and Place when the date and the location are specified and the activity cannot easily or practicably be replicated. This may include activities such as invigilated examinations and compulsory field trips, but will not include assignments and coursework where a due date is specified, or assessment activities where there is an element of choice as to the assessment or combination of assessments completed.

**Fixed Time and Place**

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 90 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.

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 –

**Pass Grades**

A+, A, A- First Class Pass
B+, B- Second Class Pass
C+, C- Pass
AG Aegrotat Pass
D Ungraded Pass

**Fail Grades**

D Fail
E Low Fail
F Ungraded Fail
DC Did Not Complete
JA 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.

**Grade**

A person who has completed the University's requirements for a degree but has not yet had the degree conferred.

**Graduand**

A person who has met the University's requirements and has been conferred (awarded) a degree.

**Graduate**

A statement of the intended capabilities of graduates from a particular qualification and/or specialisation. The profile includes descriptions of the generic and specific attributes that graduates are expected to possess including the body of knowledge attained.

**Graduate Profile**

An assessment item in which students have been given approval to, or are required to, collaborate to produce evidence of their learning. Assessment judgements may apply to the whole group; individual contributions can also be judged separately.

**Group Project**

Head of Department/Institute/School, i.e. the academic units within the five Colleges.

**HOD/HOI/HGS**

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**

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.

**Honours Degree**

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 then fortnightly), throughout the enrolment period. This mode may include online learning and the use of digital and print resources.

**Internal Mode**

A code, often a letter, given to describe the level of achievement. The possible grades are –

**Pass Grades**

A+, A, A- First Class Pass
B+, B- Second Class Pass
C+, C- Pass
AG Aegrotat Pass
D Ungraded Pass

**Fail Grades**

D Fail
E Low Fail
F Ungraded Fail
DC Did Not Complete
JA 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.

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A person who has met the University's requirements and has been conferred (awarded) a degree.

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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 then fortnightly), throughout the enrolment period. This mode may include online learning and the use of digital and print resources.

**Internal Mode**
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 purposes.

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.

PHD/PHO/PHOS/PPD Permission of Head of Department, Institute, School or Programme (qualification) Director. 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) and 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 courses. (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.
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.

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.

The executive manager and academic leader of a College.

An official award given in recognition of the successful completion of a programme of study.

The academic requirements for enrolment in courses, and completion of a qualification.

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.

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.

A written research component that may contribute up to 60 credits of a postgraduate qualification.

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 include Statutes and Regulations made under Section 194 of the Education Act 1989, and those University policies, procedures, guidelines and other documents that the University Registrar deems to be rules of the University.

A listing of the courses prescribed or allowed for a qualification, including any prerequisites, corequisites, and restrictions.

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.

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.

An application from a student to take a course that would not normally be permissible.

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.

The collective term covering majors, minors, subjects and endorsements in a specific discipline for a qualification.

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.

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.

The staff group responsible for the organisation of many university student services; e.g., enrolments management, production of teaching material, graduation, distance assessment management and examinations.

A payment for living expenses to some full-time students by StudyLink. Entitlement depends on factors including but not limited to a student’s age, income and, if applicable, parental income.

ASA – Albany Students’ Association Inc.
EXMSS – Extramural Students’ Society Inc.
MAWSA – Massey at Wellington Students’ Association
Manawatū – Massey University Manawatū Students’ Association
North Inc.
MUSAF – Federation of Massey University Students’ Associations
Te Waka O Ngā Akonga Māori – Albany Māori Students’ Association

Massey University 2018 Calendar

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MASSEY UNIVERSITY 2018 CALENDAR
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ACCOUNTANCY

110.109 Introductory Financial Accounting
15 credits
An introduction to measurement concepts in accounting and to the preparation and presentation of financial statements and reports, including the compilation of primary financial data.

110.209 Intermediate Financial Accounting
15 credits
A detailed study of financial reporting, with particular emphasis on corporate regulatory requirements, both professional and statutory.

110.229 Management Accounting
15 credits
A study of cost accumulation and allocation processes used for internal routine reporting to managers for cost management and operational planning and control; internal non-routine reporting to managers for strategic and tactical decisions; inventory valuation and income determination for external reporting. Where appropriate, examples and applications in primary industries and the public sector will also be considered.

110.230 Introductory Financial and Management Accounting
15 credits
The preparation and use of accounting and related data in the planning, controlling, decision-making, and internal and external reporting functions of business.

110.249 Accounting Information Systems
15 credits
A study of systems for the measurement and reporting of information for internal and external decision-making, including the emerging technologies that lend support for this. The accountant’s role in the formulation, design, implementation and management of these systems, including risk management and controls will also be addressed.

110.279 Auditing
15 credits
An introduction to the basic principles of auditing, including the function of audits and the concepts that govern audit processes and practices.

110.289 Taxation
15 credits
An introduction to the basic principles of taxation, the elements of taxation and the concepts that govern tax practice. The course will also provide an awareness of the economic implications of taxation at both local and global levels.

110.303 Integrative Accounting
15 credits
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.

110.309 Advanced Financial Accounting
15 credits
A study of advanced financial accounting topics and contemporary professional and conceptual issues relevant to financial reporting.

110.329 Advanced Management Accounting
15 credits
A study of advanced topics and contemporary issues in management accounting in a range of industry settings, including strategic management and performance management.

110.369 Forensic Accounting
15 credits
A study of forensic accounting, fraud auditing and investigation.

110.379 Advanced Auditing
15 credits
A study of advanced topics and contemporary issues in auditing.

110.380 Estate and Tax Planning
15 credits
Practical issues arising in estate and tax planning for investors and small business in New Zealand.

110.389 Advanced Taxation
15 credits
A study of advanced topics and contemporary issues in taxation, including tax policy, international taxation and tax administration.

110.701 Accounting Systems
15 credits
Accounting systems and the role of accountants in a systems environment.

110.702 Financial Accounting and Reporting
15 credits
A comprehensive study of financial reporting, including current New Zealand GAAP and recognition of revenue, assets and liabilities.

110.703 Management Accounting and Decision Making
15 credits
Cost and management accounting in the business environment.

110.710 Contemporary Issues in Financial Accounting
30 credits
An in-depth study of selected contemporary financial accounting and external reporting issues through a review of the relevant extant literature.

110.711 Advanced Accounting Theory
30 credits
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.

110.717 Research Methods in Accounting
30 credits
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.

110.785 International Taxation
30 credits
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.

110.792 Special Topic
30 credits

110.796 Research Report
60 credits

110.799 Research Report
30 credits

110.800 MPhil Accounting
120 credits

110.804 Advanced Financial Accounting and Reporting
15 credits
Theory and application of current financial reporting standards in contemporary business.

110.805 Advanced Strategic Management Accounting
15 credits
Strategic applications of cost and management accounting tools and techniques.

110.806 Auditing and Assurance
15 credits
The role of external auditing and assurance including the application of professional, ethical and technical requirements, and current auditing research issues.

110.807 Tax
15 credits
A comprehensive examination of key aspects of New Zealand’s tax regime from a domestic and international perspective.

110.894 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.
110.895 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.

110.897 60 credits
Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

110.898 60 credits
Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

110.899 120 credits
Thesis
A supervised and guided independent study resulting in a published work.

110.900 120 credits
PhD Accounting

114
HUMAN RESOURCE MANAGEMENT

114.240 15 credits
Organisational Behaviour
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.

114.330 15 credits
equity and Diversity in the Workplace
A study of the historical, legal and social issues of diversity and equality in the workplace in Aotearoa/New Zealand and overseas.

114.331 15 credits
Contemporary HRM and Employment Relations
An exploration of contemporary Human Resource Management (HRM) and Employment Relations (ER) systems and issues in an international and comparative context. Particular emphasis is placed on the institutions, the role of the parties, and the influence of multinational companies and global supply chains.

114.332 15 credits
Decent Work
An exploration of the principles, practices and issues surrounding decent work in contemporary work organisations.

114.396 15 credits
Strategic Human Resource Management
An exploration of human resources management as a strategy to achieve organisational goals. Particular emphasis is given to organisations' responses to trends in both their internal and external environments.

114.702 30 credits
Human Resource Management and Workplace Relations
This course introduces the area of Human Resource Management and Workplace Relations. Specifically, the focus of the course is on the principles and practices associated with organisational behaviour, employment relations, human resources management and development.

114.709 30 credits
Managing the Employment Relationship
A general understanding of Employment Relations and Human Resource management with an emphasis on contemporary theory and practice. This course provides the opportunity for critical reflection and analysis of theories and practices relating to managing the employment relationship in any organisation.
MASSAC HOUSE UNIVERSITY 2018 CALENDAR

114.710 30 credits
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.

114.722 30 credits
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.

114.723 30 credits
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.

114.728 30 credits
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.

114.735 30 credits
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.

114.761 30 credits
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).

114.762 30 credits
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.

114.778 30 credits
Research Report Part 1

114.779 30 credits
Research Report Part 2

114.792 60 credits
Research Report (2P)

114.799 30 credits
Research Report
Students are required to conduct a piece of independent research.

114.891 45 credits
Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work.

114.892 45 credits
Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work.

114.893 90 credits
Thesis
A supervised and guided independent study resulting in a published work.

114.894 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.

114.895 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.

114.897 60 credits
Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

114.898 60 credits
Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

114.899 120 credits
Thesis
A supervised and guided independent study resulting in a published work.

114.900 120 credits
PhD Human Resource Management

115 MANAGEMENT

115.013 15 credits
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.

115.014 15 credits
Foundation Economics
An introduction to fundamental concepts in Economics.

115.015 15 credits
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.

115.109 15 credits
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.

115.111 15 credits
Strategic Workplace Communication
This course covers principles and techniques of strategic workplace communication.

115.112 15 credits
Accounting for Business
An introduction to how accounting information is used for planning, monitoring and evaluating organisational performance.

115.113 15 credits
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.

115.114 15 credits
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.

115.115 15 credits
Management in Context
This course provides students with a theoretical and practical understanding of management and organisations in the contemporary context.
<table>
<thead>
<tr>
<th>COURSE CODE</th>
<th>CREDITS</th>
<th>COURSE TITLE</th>
<th>COURSE DETAILS</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.726</td>
<td>15</td>
<td>Marketing</td>
<td>A study of the marketing function in business, including a range of marketing tools and techniques and their application to marketing situations.</td>
</tr>
<tr>
<td>115.727</td>
<td>15</td>
<td>Entrepreneur and Innovation</td>
<td>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.</td>
</tr>
<tr>
<td>115.728</td>
<td>15</td>
<td>Contemporary Strategy</td>
<td>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.</td>
</tr>
<tr>
<td>115.731</td>
<td>15</td>
<td>Change Management</td>
<td>An in-depth study of the nature of change from an individual, group and organisational perspective.</td>
</tr>
<tr>
<td>115.732</td>
<td>15</td>
<td>Operations and Logistics</td>
<td>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.</td>
</tr>
<tr>
<td>115.735</td>
<td>15</td>
<td>Applied Business Research</td>
<td>This course provides students with an applied understanding of the role and techniques of business research.</td>
</tr>
<tr>
<td>115.736</td>
<td>15</td>
<td>Business Development</td>
<td>An applied course of study in Business Development focusing on the future direction of an organisation or one of its divisions.</td>
</tr>
<tr>
<td>115.738</td>
<td>15</td>
<td>Corporate Governance Best Practice</td>
<td>An introduction to the duties, responsibilities, best practices and dynamics of governance roles across the spectrum of private, public and institutional organisations.</td>
</tr>
<tr>
<td>115.739</td>
<td>15</td>
<td>Special Topic I</td>
<td></td>
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<tr>
<td>115.740</td>
<td>15</td>
<td>Special Topic II</td>
<td></td>
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<tr>
<td>115.743</td>
<td>15</td>
<td>Information, Technology and e-Commerce</td>
<td>A study of the nature and role of information and communication technology, e-commerce and social media in business.</td>
</tr>
<tr>
<td>115.745</td>
<td>15</td>
<td>Economics - Applied and International</td>
<td>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.</td>
</tr>
<tr>
<td>115.750</td>
<td>15</td>
<td>Investments and Risk</td>
<td>The course includes a study of the nature, role and practice of competition and risk in business on national and international levels.</td>
</tr>
<tr>
<td>115.776</td>
<td>60</td>
<td>Advanced Leadership</td>
<td>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.</td>
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</tbody>
</table>

**MARKETING**

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<thead>
<tr>
<th>COURSE CODE</th>
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</thead>
<tbody>
<tr>
<td>115.116</td>
<td>15</td>
<td>Introduction to Marketing</td>
<td>The course provides an understanding of the core concepts and practices of marketing.</td>
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</tbody>
</table>

**BUSINESS LAW**

<table>
<thead>
<tr>
<th>COURSE CODE</th>
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</thead>
<tbody>
<tr>
<td>115.211</td>
<td>15</td>
<td>Business Law</td>
<td>The course will encompass an introduction to the key elements of the law within which business operates in New Zealand from a practical perspective.</td>
</tr>
</tbody>
</table>

**MANAGEMENT**

<table>
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<tr>
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</thead>
<tbody>
<tr>
<td>115.212</td>
<td>15</td>
<td>Fundamentals of Leadership and Teamwork</td>
<td>This course provides an introduction to the theory and practice of leadership and teamwork.</td>
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</tbody>
</table>

**BUSINESS**

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>115.250</td>
<td>60</td>
<td>Practice to Innovation</td>
<td>A work placement, developing innovation and entrepreneurship thinking, competencies and practice.</td>
</tr>
<tr>
<td>115.277</td>
<td>15</td>
<td>Special Topic</td>
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<tr>
<td>115.287</td>
<td>6</td>
<td>Special Topic</td>
<td></td>
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<tr>
<td>115.316</td>
<td>15</td>
<td>Special Topic</td>
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<tr>
<td>115.319</td>
<td>15</td>
<td>Special Topic</td>
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<tr>
<td>115.377</td>
<td>15</td>
<td>Special Topic</td>
<td></td>
</tr>
<tr>
<td>115.387</td>
<td>6</td>
<td>Special Topic</td>
<td></td>
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<tr>
<td>115.388</td>
<td>30</td>
<td>Special Topic II</td>
<td></td>
</tr>
<tr>
<td>115.389</td>
<td>15</td>
<td>Internship in Business</td>
<td>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.</td>
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**MANAGEMENT**

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<tbody>
<tr>
<td>115.389</td>
<td>15</td>
<td>Business Internship</td>
<td>This course provides an individual practical experience in business, linking theory to practice.</td>
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</table>

**BUSINESS**

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<tr>
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</thead>
<tbody>
<tr>
<td>115.721</td>
<td>15</td>
<td>Business Law and Ethics</td>
<td>A study of the external legal and ethical environments of business and the relevant issues with which business managers must deal.</td>
</tr>
<tr>
<td>115.723</td>
<td>15</td>
<td>Accounting I</td>
<td>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.</td>
</tr>
<tr>
<td>115.724</td>
<td>15</td>
<td>Business Finance</td>
<td>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.</td>
</tr>
<tr>
<td>115.725</td>
<td>15</td>
<td>Leadership and People</td>
<td>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.</td>
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</tbody>
</table>
MASSY UNIVERSITY 2018 CALENDAR

Thesis Part 1
115.891 45 credits
Candidates are required to conduct a piece of independent research under supervision and to produce a report of the research for examination.

Thesis Part 2
115.892 45 credits
Candidates are required to conduct a piece of independent research under supervision and to produce a report of the research for examination.

Research Report Part 1
115.794 15 credits
Candidates are required to conduct a piece of independent research under supervision and to produce a report of the research for examination.

Research Report Part 2
115.795 15 credits
Candidates are required to conduct a piece of independent research under supervision and to produce a report of the research for examination.

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
115.821 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.

MANAGEMENT
115.877 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.

115.894 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.

115.895 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.

115.897 60 credits
Thesis Part 1
115.898 60 credits
Thesis Part 2
115.901 30 credits
Advanced Research Seminar
This course will provide students with an intensive course in research methodologies. It is intended to provide the knowledge of technique and the analytical skills required for intensive and rigorous research. It will also act as a building block for the successful completion of the doctoral programme.

115.902 30 credits
Advanced Studies in Business and Administration
The current state of theory and practice in the generic field of Business and Administration will inform the content of this course. It will focus on cognate studies in corporate governance, organisational strategy, organisational change, leadership and structural change.

115.903 30 credits
Advanced Directed Study in Business and Administration
This course links directly to the methodology course above. Its purpose is to provide the technical integration of the design, production and intellectual defence of each candidate’s thesis proposal. It will also act as the vehicle for any pilot studies that will assist in the proposal development (P 115.901 Advanced Research Seminar).

115.910 30 credits
Special Topic in an Appropriate Disciplinary Area
A learning environment is provided in this course to enable students to develop critical and reflective practice in a discipline of their choice as a preliminary step to commencing thesis work. Opportunities will be given to apply the processes of inquiry, formal critique, advocacy and action. Particular attention will be given to the gaining of additional perspectives on prevailing practice and policy within the area of disciplinary choice.

115.999 120 credits
Thesis

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.
<table>
<thead>
<tr>
<th>COURSE DETAILS</th>
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<tbody>
<tr>
<td><strong>ANIMAL SCIENCE</strong></td>
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</table>
| 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. |  |
| 117.734 | **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 a 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, crossingbreeding, 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. |  |

MASSEY UNIVERSITY 2018 CALENDAR 435
117.768  
Metabolism and Endocrinology  
15 credits  
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  
Lactation and Milk Production  
15 credits  
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  
Dairy Production  
15 credits  
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  
Sheep Production  
15 credits  
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  
Beef Cattle Production  
15 credits  

117.774  
Pig Production  
15 credits  
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  
Deer Production  
15 credits  

117.776  
Poultry Production  
15 credits  
Production of eggs and meat; energy and nutrient requirements; effects of housing, light and the thermal environment; waste disposal; welfare.

117.783  
Advanced Studies in Animal Science  
15 credits  
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  
Advanced Studies in Animal Science  
30 credits  
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  
Advanced Studies in Animal Production  
15 credits  
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  
Advanced Studies in Animal Production  
30 credits  
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.

117.799  
Research Report  
30 credits  
A detailed examination of a specific topic within the field of study of the candidate, approved by the course coordinator in advance, which includes critical evaluation of the published literature and either critical evaluation of existing policy, or analysis of pre-existing data or a problem investigation.

117.832  
Research Report (One Health) 60 credits  
A detailed examination of a specific topic within the field of study of the candidate, approved by the course coordinator in advance, which includes critical evaluation of published literature and a study involving investigation of a specified problem and/or analysis of pre-existing data.

117.871  
Thesis 90 Credit Part 1  
45 credits  
A supervised and guided independent study resulting in a published work.

117.872  
Thesis 90 Credit Part 2  
45 credits  
A supervised and guided independent study resulting in a published work.

117.875  
Thesis 90 credits  
90 credits  
A supervised and guided independent study resulting in a published work.

117.887  
Research Report  
60 credits  
A supervised and guided independent study resulting in a published work.

117.897  
Thesis 90 Credit Part 1  
60 credits  
A supervised and guided independent study resulting in a published work.

117.898  
Thesis 120 Credit Part 2  
60 credits  
A supervised and guided independent study resulting in a published work.

117.899  
Thesis 120 credits  
120 credits  
A supervised and guided independent study resulting in a published work.

117.900  
PhD Animal Science  
118  

VETERINARY SCIENCE  

118.702  
Veterinary Medicine  
60 credits  
A personal course of study in aspects of veterinary medicine in a species selected by the candidate.

118.715  
Epidemiologic Methods 1  
30 credits  
This course describes epidemiological methods used to investigate the magnitude of health problems, identify causal factors and evaluate interventions. Students will gain skills in study design, data analysis and critical evaluations. Examples and case studies will be drawn from a range of species including humans, production animals, companion animals, horses and plants.

118.716  
Analysis of Epidemiologic Data 1  
30 credits  
This course provides students with the basic skills necessary to undertake analysis of data in the health and biosecurity context. Throughout the course students will work with data collected during epidemiological studies (complete with missing data) and will learn how to interpret results in the light of bias, confounding, effect modification and model error.

118.717  
Analysis of Epidemiologic Data 2  
30 credits  
This course provides students with the skills necessary to undertake analysis of categorical and time-to-event data in the health and biosecurity context. Throughout the course students will work with data collected during observational studies and as such students will learn how to interpret results in the light of bias, confounding, effect modification and statistical error.
118.718 Animal Health Management
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.

118.724 Veterinary Diagnostic Pathology 2
An advanced course in anatomical pathology that includes supervised performance and reporting of necropsies, histopathology, cytology, and detailed study of selected cases.

118.726 Veterinary Public Health
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.

118.728 Wildlife Health
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.

118.731 Veterinary Diagnostic Pathology 1
A course in veterinary diagnostic pathology, which includes supervised performance of necropsies, participation in the routine gross and histological examination of pathological material, and directed study of general pathology.

118.751 Canine and Feline Gastroenterology
The principles of gastroenterology of dogs and cats for veterinary graduates. Pathophysiology, diagnosis and management of diseases of the alimentary system.

118.752 Canine and Feline Endocrinology
The principles of endocrinology of dogs and cats for veterinary graduates. Pathophysiology, diagnosis and management of diseases of the endocrine glands.

118.753 Canine and Feline Oncology
The principles of oncology of dogs and cats for veterinary graduates. Pathophysiology, diagnosis and management of neoplastic disease.

118.754 Diagnostic Imaging for Small Animal Veterinarians
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.

118.755 Clinical Pathology in Small Animal Practice
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.

118.756 Canine and Feline Neurology
The principles of neurology in dogs and cats for veterinary graduates. Pathophysiology, diagnosis and management of diseases of the nervous system.

118.757 Cardiorespiratory Medicine for Small Animal Veterinarians
The principles and practice of cardiorespiratory medicine in dogs and cats for veterinary graduates. Pathophysiology, diagnosis and management of cardiac and respiratory disease.

118.758 Avian Medicine
The principles and practice of avian medicine in companion birds and avairy collections, for veterinarians. Pathophysiology, diagnosis and management of diseases of birds.

118.759 Ophthalmology in Small Animal Practice
The principles of ophthalmology in dogs and cats for veterinary graduates. Pathophysiology, diagnosis and management of diseases of the eye.

118.761 Canine and Feline Emergency Medicine
The principles and practice of emergency medicine in dogs and cats for veterinarians. Pathophysiology, diagnosis and management of conditions seen in emergency practice.

118.762 Dermatology for Small Animal Veterinarians
The principles of dermatology in dogs and cats for veterinarians. Pathophysiology, diagnosis and management of skin diseases.

118.763 Canine and Feline Orthopedic Surgery

118.764 Canine and Feline Soft Tissue Surgery
The principles and practice of soft tissue surgery in dogs and cats for veterinarians. Pathophysiology, diagnosis and management of soft tissue diseases.

118.771 Advances in Ruminant Nutrition for Veterinarians
An advanced course on ruminant nutrition and feeding practices for veterinarians. Principles of microbial digestion in the rumen, absorption and utilisation of nutrients. Practical nutrition for enhancement of animals’ performance and health, including critical study of the evaluation of feeds, feed intakes and nutrient requirements. Practical assessments of animal and feed resources; ration formulation. Current developments in ruminant feeding technologies, including genetic modification of feeds and rumen flora.

118.772 Calf Medicine, Health and Management
An advanced course on specific aspects of calf rearing, health management and medicine for veterinarians. A critical study of the systems and environments utilised in calf rearing, nutrient and health requirements with respect to disease prevention, herd biosecurity, health, welfare and productivity.

118.775 Advanced Mastitis Management for the Production Animal Veterinarian
An advanced course on mastitis for production animal veterinarians. This course will provide in-depth study of mastitis causing agents and their treatment and control within the herd and at an individual level. It will address the epidemiology of disease, mastitis prevention, herd biosecurity, herd/animal health, welfare and productivity.

118.776 Lameness Investigation and Control for Cattle Veterinarians
An advanced course on cattle lameness for veterinarians. This course will provide in-depth study of lameness diagnosis, treatment and control within the herd. It will address the epidemiology of disease, lameness prevention, herd biosecurity, welfare and productivity.

118.777 Veterinary Clinical Reproduction and Fertility
An advanced course on clinical reproduction for veterinarians. Comparative veterinary reproductive anatomy, physiology, and technology across a range of species. In-depth study of reproductive management in a nominated elective species. Use of scientific literature to inform decision making on reproductive issues.

118.778 Advanced Studies in Equine Lameness for Veterinarians
An advanced course on applied aspects of equine lameness for veterinarians. Investigation and management of musculoskeletal diseases of horses and foals. Use of scientific literature to inform decision making on equine lameness issues.
### 118.779 Advanced Studies in Equine Diagnostic Imaging
- **credit**: 15
- **Summary**: The principles of diagnostic imaging in equine practice for veterinary graduates. Principles of radiography and ultrasonography. Interpretation of the results of imaging and integration with case management.

### 118.780 Equine Gastroenterology
- **credit**: 15
- **Summary**: An advanced course on aspects of equine gastroenterology for veterinarians. Investigation, critical care and follow-up management of selected gastrointestinal diseases of horses and foals. Use of scientific literature to inform decision making in equine gastroenterology.

### 118.781 Marketing Management for Veterinary Practice
- **credit**: 15
- **Summary**: A study of the marketing function in Veterinary business, including a range of marketing tools and techniques and their application to marketing situations.

### 118.782 Introductory Accounting for Veterinary Practice
- **credit**: 15
- **Summary**: Accounting functions from a veterinary management perspective. (a) Wealth and its role in organisational purpose, products and strategies; (b) data capture, processing and reporting which enable monitoring of progress toward and enhance prospects of achieving objectives; (c) benchmarking for improving organisational performance; (d) compliance and external reporting (e) other contemporary issues in accounting and management.

### 118.783 People Management for Veterinary Practice
- **credit**: 15
- **Summary**: A study of the behaviour of people in the work environment, including an overview of organisational structure and management theory, together with the issues of motivation, communication, leadership, decision-making, career development, power and organisational change.

### 118.784 Mediation and Dispute Resolution for Veterinary Practice
- **credit**: 15
- **Summary**: This course will provide an overview of the dispute resolution processes available for preventing and resolving difficulties within the environment of a veterinary practice.

### 118.785 Principles of Veterinary Epidemiology
- **credit**: 15
- **Summary**: Students will study the principles of veterinary 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 production animals, wildlife, companion animals and horses.

### 118.786 Applied Veterinary Epidemiology
- **credit**: 15
- **Summary**: Students will gain the skills necessary to design an epidemiological study in a clinical setting and investigate an outbreak of disease. Examples and case studies will be drawn from a range of species including production animals, wildlife, aquatic species, companion animals and horses.

### 118.791 Special Topic
- **credit**: 15

### 118.792 Special Topic
- **credit**: 30

### 118.793 Special Topic
- **credit**: 60

### 118.799 Research Report
- **credit**: 30

### 118.811 Research Report
- **credit**: 60
- **Summary**: A detailed examination of a specific topic within the field of study of the candidate, approved by the course co-ordinator in advance, which may include aspects of original research, problem investigation, and/or study of pre-existing data or published literature.

### 118.816 Advanced Analysis of Epidemiologic Data 1
- **credit**: 30
- **Summary**: This course provides students with advanced skills to undertake analysis of data in the health and biosecurity context. Techniques covered include linear mixed models, spatial techniques, time series and meta-analysis. Students will work with data collected during epidemiological studies with examples and case studies drawn from a range of species including humans, production animals, aquatic species, companion animals, horses, wildlife and plants.

### 118.817 Advanced Analysis of Epidemiologic Data 2
- **credit**: 30
- **Summary**: Students will gain advanced skills necessary to analyse data in the health and biosecurity context. Techniques covered include multivariable analysis of data with logistic, Poisson and time-to-event responses, and latent class analysis using the concept of Bayesian statistics. Students will work with real data collected during epidemiological studies with examples and case studies drawn from a range of species including humans, production animals, wildlife, aquatic species, companion animals, horses and plants.

### 118.819 Biosecurity Methods
- **credit**: 30
- **Summary**: This is an advanced course with an emphasis on teaching practical skills. Participants will learn how to undertake quantitative risk assessments, design surveillance systems (including risk based systems) and evaluate the economic costs and benefits associated with various control options. Case studies will be drawn from plant, animal, and aquatic health problems and the control of invasive species.

### 118.851 Research Report (MVM) (45 credit)
- **credit**: 45
- **Summary**: A detailed examination of a specific topic within the field of study of the candidate, approved by the course co-ordinator in advance, which may include aspects of original research, problem investigation, and/or study of pre-existing data or published literature.

### 118.852 Research Report (MVM) (60 credit)
- **credit**: 60
- **Summary**: A detailed examination of a specific topic within the field of study of the candidate, approved by the course co-ordinator in advance, which may include aspects of original research, problem investigation, and/or study of pre-existing data or published literature.

### 118.853 Advanced Profession Practice in Veterinary Science
- **credit**: 45
- **Summary**: A supervised placement in an approved setting of veterinary practice. Students will observe the work of experts in the selected area of veterinary practice, undertake some work under supervision, and gain experience in using the empirical literature to guide evidence-based decision making and writing reports in the discipline.

### 118.885 Thesis 120 Credit Part 1
- **credit**: 60
- **Summary**: A supervised and guided independent study resulting in a published work.

### 118.888 Thesis 120 Credit Part 2
- **credit**: 60
- **Summary**: A supervised and guided independent study resulting in a published work.

### 118.899 Thesis
- **credit**: 120
- **Summary**: A supervised and guided independent study resulting in a published work.

### 118.900 PhD Veterinary Science
- **credit**: 120

#### AGRICULTURE AND HORTICULTURE

### 119.006 Foundation Farm and Industry Study
- **credit**: 15
- **Summary**: A foundation study of farm inputs and products such as meat, milk and fibre, and the application of farm practical experience, technical data, and industry procedures and practices, to contemporary issues facing farmers. Primarily focused within the farm gate, this course involves individual and group learning and expression.

### 119.101 Farm Production Systems
- **credit**: 15
- **Summary**: A detailed analysis of whole-farm systems involving a number of field visits. An analytical approach to problem-solving is developed. Field visits to case farms. This course must be passed to qualify for the award of the Diploma in Agriculture.
119.106 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 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 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 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 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 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 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 Agricultural and Horticultural Infrastructure
Overview of agricultural and horticultural properties detailing the structures, electricity supply, water systems, site layout and wastewater management.

119.250 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 and analytical report identifying and analysing opportunities, problems, policies and technical and research issues is required.

119.258 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 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 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 Special Topic

AGRICULTURE AND HORTICULTURE

119.358 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 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 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.

AGRICULTURE AND HORTICULTURE

119.382 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 affecting agricultural and horticultural businesses.

119.392 Special Topic

119.710 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 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.

**Thesis 90 Credit Part 2**

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 120 Credit Part 2**

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 becoming 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 development 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

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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>121.103</td>
<td>New Zealand Environments</td>
<td>15 credits</td>
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<tr>
<td>121.210</td>
<td>Environmental Issues</td>
<td>15 credits</td>
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<tr>
<td>121.211</td>
<td>New Zealand Environmental Issues</td>
<td>15 credits</td>
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<td>121.310</td>
<td>Environmental Solutions</td>
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### Biochemistry

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<th>Course Code</th>
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<tr>
<td>122.222</td>
<td>Biochemistry for Technology</td>
<td>15 credits</td>
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<tr>
<td>122.233</td>
<td>Metabolic Biochemistry</td>
<td>15 credits</td>
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<tr>
<td>122.303</td>
<td>Gene Regulation</td>
<td>15 credits</td>
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<td>122.310</td>
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<td>122.322</td>
<td>Protein Structure and Function</td>
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### Environmental Science Field Work I

Two one-week field trips within New Zealand to examine issues of national and global significance to the environment.

### Global Environmental Issues

A consideration of environmental issues that affect, or may affect 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.

### Plant Biology

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.

### PhD Plant Biology

A supervised and guided independent study resulting in a published work.

### Biochemistry

**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**

in protein purification and analysis reinforces the theoretical aspects of the course.

122.382 15 credits
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 30 credits
Gene Expression
Advanced studies of selected topics in gene regulation at transcriptional and post-transcriptional levels.

122.704 30 credits
Molecular Cell Biology
Advanced studies of selected topics in biochemistry and cell biology

122.713 15 credits
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 30 credits
Research Report

122.870 60 credits
Research Report

122.871 45 credits
Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work.

122.872 45 credits
Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work.

122.875 90 credits
Thesis
A supervised and guided independent study resulting in a published work.

122.897 60 credits
Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

122.898 60 credits
Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

122.899 120 credits
Thesis
A supervised and guided independent study resulting in a published work.

122.900 120 credits
PhD Biochemistry

ENGINEERING

123.171 15 credits
Chemistry for Biological Systems 1
The chemistry of biological and engineering materials under-pin 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 15 credits
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 under-pins 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.
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**PHYSICS**

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MASSEY UNIVERSITY 2018 CALENDAR 443
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### PHYSICS (Continued)

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### FINANCE

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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.

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.

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.

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.

This course introduces the quantitative techniques that apply to investment valuation and management. Topics included are the valuing of equity...
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**PROPERTY STUDIES**
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
A research report on a selected emergency management topic, undertaken by the individual student under the supervision of an 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 organisational psychology, politics, law, ethics, team leadership, communication and crisis decision making.

130.801 Advanced Leadership in Emergency Management 2
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.

130.803 Emergency Management in Practice
A supervised and guided independent study resulting in a published work.

130.804 Emergency Management in Practice
A supervised and guided independent study resulting in a published work.

130.900 PhD Ergonomics

130 PhD Emergency Management

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.
### 131.321 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, policies, 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 Tūhono 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 15 credits
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 15 credits
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 15 credits
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 30 credits
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 15 credits
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 15 credits
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 15 credits
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 15 credits
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 30 credits
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 30 credits
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 30 credits
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 30 credits
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 30 credits
The philosophical and theoretic foundations of planning and the principles of urban design are identified and analysed using studies 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 30 credits
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 30 credits
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 30 credits
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 30 credits
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 30 credits
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 30 credits
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 30 credits
The principles and practice of programming in the context of GIS. Issues in GIS implementation.

132.741 Long-Term Community Planning 30 credits
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 30 credits
An advanced exploration of the historical development of planning as a discipline and profession in New Zealand.

132.751 Natural Hazards and Resilient Communities 30 credits
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
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.

133.156 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, conflict 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.
COURSE DETAILS

133.187 15 credits
Live Technologies – Sound and Light
In this course students gain a creative, technical and practical understanding of sound and lighting technologies and tools used to enhance live musical performance and apply various music technology related skills in the production of live music. Practical application of designing, planning, assessing, rigging and operating live music systems occurs within the constraints of a highly regulated health and safety conscious environment.

133.190 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.

133.254 15 credits
Music Video Production
This course explores 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 related video production.

133.295 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.

133.256 15 credits
Music Media
In this course students examine a range of media platforms used by the music industry and the influential role that media, image and identity play in the success or failure of launching and sustaining music careers. Group work involves development of a music media campaign specific to genre and audience addressing the niche social, cultural and economic demographic.

133.257 15 credits
Philosophical Perspectives in Music
In this course students study a range of philosophical perspectives on the nature, purpose and value of music exploring theoretical positions to develop cognitive tools for the analysis of their own practice and research. Students are enabled to develop strategies of collaboration and communication within group environments and to employ reflective and analytical approaches formed through philosophy and critical theory.

133.258 15 credits
Music Touring
In this course students will gain and apply a wide range of skills and practices employed for music touring. Students will gain an understanding 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.

133.285 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.

133.286 15 credits
Music Hardware and Electronics 1
In this course students develop 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.

133.287 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.

133.355 15 credits
Political Economy, Freeconomy and Community
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.

133.356 15 credits
Graduate Portfolio Development
In this course students prepare for progression to postgraduate study or transition to industry in the development of an online portfolio managing processes advantageous to their graduate progression. Students also develop creative and organisational approaches to devising a range of strategies in developing professional networks and progression opportunities.

133.365 15 credits
The Music Manager
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.

133.366 15 credits
Future Music
In this course students gain a knowledge and understanding of music future casting and will participate in a series of creative and predictive ideation workshops. Students engage with contrasting theories through key texts and case studies and develop a proposal for the future of music.
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.

30 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 notating 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.

15 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.

30 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.

30 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.

60 credits

Thesis
Development of a research project which includes preparation for, and delivery of a performance. The research and performance components are to be mutually supportive in content.

120 credits

Thesis 120 Credit Part 1
Development of a research project which includes preparation for, and delivery of a performance. The research and performance components are to be mutually supportive in content.

60 credits

Thesis 120 Credit Part 2
Development of a research project which includes preparation for, and delivery of a performance. The research and performance components are to be mutually supportive in content.

60 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.
134.205  Logic  15 credits
An introduction to modern formal logic using propositional logic and first-order predicate logic. Formal logic provides an important link between the humanities and maths and sciences, particularly computer and information sciences.

134.207  International Justice  15 credits
A study of themes from international political and social philosophy with a focus on the moral status of state boundaries and the moral status of war.

134.208  Philosophy of Science  15 credits
An investigation of fact and theory, explanation and discovery, and of modern attempts to improve on naive empiricist accounts of science.

134.215  Asian Philosophies  15 credits
An introduction to the major themes in Indian and Chinese philosophy.

134.216  Modern Philosophy  15 credits
This course will investigate metaphysical and epistemological views of the 17th - 18th centuries, focussing on Descartes, Leibniz, Locke, Berkeley and Hume. It will pay particular attention to early modern notions of causation.

134.220  Business and Professional Ethics  15 credits
An examination of the practice of ethical reasoning with special concern for issues that arise in business and professions.

134.221  East Asian Philosophy  15 credits
A detailed investigation and analysis of the major philosophical systems which have developed within East Asia since the first millennium Before Common Era.

134.302  Metaphysics  15 credits
Topics in metaphysics selected from the following: personal identity, freedom and determinism, action and purpose, the problem of universals and particulars, causality, events and states of affairs.

134.303  Ethics  15 credits
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.

134.305  Meta-ethics  15 credits
This course will study theories that attempt to answer the most fundamental question in ethics: what is morality? The course will investigate issues to do with moral psychology, practical reason, moral language, and moral ontology.

134.308  Philosophy of Science  15 credits
An investigation of fact and theory, explanation and discovery, and of modern attempts to improve on naive empiricist accounts of science.

134.309  Ancient Philosophy  15 credits
An examination of ancient philosophies, particularly those of Socrates, Plato and Aristotle.

134.310  Philosophy of Literature  15 credits
An examination of topics in metaphysics, epistemology, logic, and ethics that arise in the philosophy of literature.

134.312  Epistemology: Seeing and Knowing  15 credits
An examination of whether and how minds can come to have knowledge about the world.

134.317  Recent and Contemporary Philosophy  15 credits
A consideration of some of the most influential philosophers from Kant to the present.

134.321  Indian Philosophy  15 credits
A detailed investigation and analysis of the major philosophical systems (both Hindu and non-Hindu), which have developed within the Indian subcontinent since the second millennium Before Common Era.

134.703  Ethics of War and Peace  30 credits
Topics to be discussed include: the nature of moral reasoning, the ethics of killing in self-defence, just war theory, the ethics of nuclear deterrence, holy wars, war crimes and collective responsibility, non-violent resistance, and the ethics of pacifism.

134.710  Philosophical Research  30 credits
A study of key issues in the practice of philosophical research and development of a philosophical research project.

134.740  Advanced Study of Philosophical Topics  30 credits
An in-depth study of selected philosophical topics at an advanced level from epistemology, metaphysics, theories of mind, or value theory.

134.750  Advanced Study of Philosophical Texts  30 credits
A detailed examination of selected philosophical texts at an advanced level.

134.760  Advanced Philosophical Inquiry  30 credits
This course will provide an opportunity for graduate students to engage in an advanced course of study in an area of current philosophical research.

134.798  Research Report (30)  30 credits

134.799  Research Report (60)  60 credits

134.800  MPhil Thesis  120 credits
A supervised and guided independent study resulting in a published work.

134.801  MPhil Thesis 120 Credit Part 1  60 credits
A supervised and guided independent study resulting in a published work.

134.802  MPhil Thesis 120 Credit Part 2  60 credits
A supervised and guided independent study resulting in a published work.

134.816  Thesis 120 Credit Part 1  60 credits
A supervised and guided independent study resulting in a published work.

134.817  Thesis 120 Credit Part 2  60 credits
A supervised and guided independent study resulting in a published work.

134.837  Research Report Philosophy (60)  60 credits

134.881  Thesis 90 Credit Part 1  45 credits
A supervised and guided independent study resulting in a published work.

134.882  Thesis 90 Credit Part 2  45 credits
A supervised and guided independent study resulting in a published work.

134.883  Thesis 90 Credit  90 credits
A supervised and guided independent study resulting in a published work.

134.899  Thesis 120 credits  120 credits
A supervised and guided independent study resulting in a published work.

134.900  PhD Philosophy  120 credits
## BANKING MANAGEMENT

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>137.703</td>
<td>International Banking and Financial Markets</td>
<td>30</td>
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<tr>
<td>137.704</td>
<td>Risk Management for Financial Institutions</td>
<td>30</td>
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<tr>
<td>137.710</td>
<td>The Theory and Management of Banking</td>
<td>30</td>
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<td>137.711</td>
<td>Strategic Banking Issues</td>
<td>30</td>
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<tr>
<td>137.894</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
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<tr>
<td>137.895</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
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<td>137.896</td>
<td>Research Report</td>
<td>60</td>
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<td>137.897</td>
<td>Professional Practice</td>
<td>60</td>
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<tr>
<td>137.899</td>
<td>Thesis</td>
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<td>137.900</td>
<td>PhD Banking</td>
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## ENGLISH

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<tr>
<th>Course Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>139.104</td>
<td>Drama in Performance</td>
<td>15</td>
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<tr>
<td>139.105</td>
<td>Fiction: The Long and Short of It</td>
<td>15</td>
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<tr>
<td>139.122</td>
<td>Contemporary Literary Forms of Aotearoa New Zealand</td>
<td>15</td>
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<tr>
<td>139.123</td>
<td>Creative Writing</td>
<td>15</td>
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<tr>
<td>139.129</td>
<td>Introduction to English Studies</td>
<td>15</td>
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<tr>
<td>139.142</td>
<td>Mythology and Fantasy</td>
<td>15</td>
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<tr>
<td>139.201</td>
<td>Poets and Players in Shakespeare's England</td>
<td>15</td>
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<tr>
<td>139.202</td>
<td>Romantic Writing: Self and Nature</td>
<td>15</td>
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<tr>
<td>139.220</td>
<td>Applied Theatre: Theatre for Social Change</td>
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## AGRICULTURAL ENGINEERING

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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>138.106</td>
<td>Agricultural Engineering</td>
<td>15</td>
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<tr>
<td>138.255</td>
<td>Engineering Principles in Food and Fibre Production</td>
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## 138

### AGRICULTURAL ENGINEERING

138.106  Agricultural Engineering
A study of basic engineering principles as they apply to design and operation of agricultural buildings and structures, farm water, refrigeration and heating, fencing and subdivision, waste management; the utilisation of modern technologies in agriculture; and the Resource Management Act and how that affects agricultural businesses.

138.255  Engineering Principles in Food and Fibre Production
Engineering principles underpinning the systems used in the growing, harvest and post-harvest treatment of agricultural and horticultural products. Emphasis is placed on deriving the system performance specification following consideration of capacity, product quality and safety, and ecological requirements.

### 139

139.900 PhD Agricultural/Horticultural Engineering
120 credits
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<tr>
<th>Course Code</th>
<th>Title</th>
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<tr>
<td>139.223</td>
<td>Creative Processes</td>
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<td>139.224</td>
<td>Making Plays for Theatre</td>
<td>15</td>
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<td>139.225</td>
<td>Writing for Children</td>
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<td>139.226</td>
<td>Life Writing</td>
<td>15</td>
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<tr>
<td>139.229</td>
<td>Writing Poetry</td>
<td>15</td>
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<td>139.231</td>
<td>Health Writing: Theory and Practice</td>
<td>15</td>
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<td>139.239</td>
<td>Literary Landmarks: Words that Changed the World</td>
<td>15</td>
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<td>139.244</td>
<td>Writing for the Public</td>
<td>15</td>
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<td>139.246</td>
<td>Text Image Design: Digital Technical Writing</td>
<td>15</td>
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<tr>
<td>139.253</td>
<td>American Literature</td>
<td>15</td>
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<td>139.255</td>
<td>Critical Periods in Aotearoa New Zealand Literature</td>
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<td>139.270</td>
<td>Young Adult Fiction</td>
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<td>139.275</td>
<td>Gothic</td>
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<tr>
<td>139.280</td>
<td>Writing Creative Nonfiction</td>
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<td>139.285</td>
<td>Fiction Writing</td>
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<td>139.301</td>
<td>Shakespeare's Worlds</td>
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<td>139.303</td>
<td>Modern Drama</td>
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<td>139.305</td>
<td>Twentieth Century Literature</td>
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<td>139.320</td>
<td>Theatre in Production</td>
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<td>139.323</td>
<td>Script Writing</td>
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<td>139.325</td>
<td>Fiction Writing</td>
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<td>139.326</td>
<td>Travel Writing</td>
<td>15</td>
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<td>139.327</td>
<td>Writing Creative Nonfiction</td>
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<tr>
<td>139.328</td>
<td>Advanced Fiction Writing</td>
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<tr>
<td>139.329</td>
<td>The Publishing Project</td>
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The course details above provide an overview of the courses offered, including their titles, credits, and brief descriptions. For more detailed information, including class times, locations, and prerequisites, please refer to the official university catalog or contact the respective departments directly.
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.

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 frame 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 plays, 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 introduction to theories of postcolonial ethics and identity, and their relationship to selected works of literature from a range of postcolonial contexts.

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 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.

141.111 15 credits
Food Technology 1: Global Perspectives
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.

141.112 15 credits
Food Technology 2: Creative Solutions
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.

141.127 15 credits
Dairy Processing
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.

141.211 15 credits
Food Technology 3: Product Development
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.

141.212 15 credits
Food Technology 4: Manufacturing
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.

141.311 15 credits
Food Technology 5: Food Microbiology and Safety
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 industry relevant scenario.

141.312 15 credits
Food Technology 6: Food Characterisation
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.

141.358 15 credits
Nutrition and Food Choice
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.

141.362 15 credits
Food Formulation Technology
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.

141.395 15 credits
Food Chemistry
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.

141.458 15 credits
Nutrition and Food Choice
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.  
15 credits

**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.  
15 credits

**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.  
15 credits

**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.  
15 credits

**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.  
15 credits

**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).  
15 credits

**141.716 Research Report (Food)**  
Research in a defined area of Food Science, Technology or Engineering.  
30 credits

**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.  
15 credits

**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.  
15 credits

**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.  
15 credits

**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.  
15 credits

**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.  
15 credits

**141.745 Dairy Science, Technology and Engineering**  
30 credits

**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.  
30 credits

**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.  
15 credits

**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.  
15 credits

**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.  
15 credits

**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.  
30 credits

**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.  
30 credits

**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.  
15 credits

**141.794 Special Topic**  
15 credits
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

PROCESS AND ENVIRONMENTAL TECHNOLOGY

142.019  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.

142.018  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.

PUBLIC POLICY

144.900  120 credits
PhD Public Policy

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.

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.

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.

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.

145.712 Frontiers in Human Geography
An advanced examination and exploration of contemporary issues and debates in human geography.

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.

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.

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.

145.734 Paleocology, Palynology and Biogeography
Research-based application of paleoecological techniques and principles to investigating Quaternary biogeography, with focus on New Zealand vegetation history. In-depth application of palynology to palaeoecology and other disciplines.

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.

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.

145.802 MPhil Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

145.870 Research Report

145.871 Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work.

145.872 Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work

145.873 Research Report Geography (60)

145.875 Thesis
A supervised and guided independent study resulting in a published work.

145.881 Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work.

145.882 Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work.

145.883 Thesis
A supervised and guided independent study resulting in a published work.

145.887 Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

145.889 Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

145.900 PhD Geography

146 SOCIAL ANTHROPOLOGY

146.101 Introductory Social Anthropology
An introduction to key contemporary topics and concepts in the discipline.

146.102 Endangered Cultures
An introduction to the impact of modern civilization on indigenous peoples based on ethnographic case studies and historical analysis.

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.

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.

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.
146.210 Ritual and Belief
A study of selected topics in the field of ritual and belief such as rites of passage, witchcraft, sorcery, shamanism and symbolic representation.

146.211 Systems of Healing
A study of the variety of ways that people throughout the world address the problems of illness.

146.213 Anthropological Enquiry
An introduction to the history of anthropological enquiry and to the key theoretical frameworks and concepts that have shaped the discipline.

146.214 The Politics of Culture
Anthropological approaches to nationalism, ethnicity and the politics of culture with some reference to the South Pacific.

146.302 Regional Ethnography: Asia
A study of historical and contemporary ethnographic work covering one or more selected regions, with a focus on Asia.

146.303 Practice of Fieldwork
Through a study of accounts of field work experience by anthropologists, students will develop their knowledge and appreciation of the perspectives, approaches, methods, problems, experiences and ethics involved in anthropological field work based on participant observation.

146.304 Culture, Biology and Racism
An advanced study of anthropological perspectives on the issue of ‘race’ and racism, including the nature/nurture debate, scientific racism, biological determinism and sociobiology.

146.307 The Cultural Construction of Gender and Sexuality
A cross-cultural examination of the diversity and complexity of gender relations and identity. Through a series of ethnographic case studies, consideration of how women and men are shaped by particular forms of social life. Past and present theorisation of gender relations and the relation between this body of theory and anthropological practice will be examined.

146.311 Medical Systems of China, India and the West
An examination of the world’s great literate Chinese, Indian and Western medical traditions.

146.313 Issues in South Pacific Anthropology
An exploration of current issues and theoretical debates in the anthropological study of the South Pacific.

146.316 Visual Anthropology: Southasia and Global Issues
The study of the use of film, video and multimedia representations of Southasia and Global issues for anthropological research and practice.

146.317 Urban Anthropology
A comparative urban ecology approach to the exploration of a variety of sociocultural phenomena distinctive to urban life. The course also examines the contribution of urban studies to anthropology in general.

146.318 Environmental Anthropology
An exploration of contemporary approaches in environmental anthropology.

146.701 Contemporary Approaches in Anthropological Theory
A study of current theoretical issues and debates in social anthropology.

146.703 The Practice of Anthropology
A study of the methodological and ethical dimensions of anthropological research.

146.707 Reading and Writing Ethnography
Students in this course will examine contemporary exemplary ethnographies and develop their own ethnographic writing practices.

146.708 Anthropology Today: Current Issues
Based on a close reading of an issue of a contemporary Anthropology journal, students in this course will explore current issues, topics and debates in Social Anthropology.

146.798 Research Report (60)

146.799 Research Report (30)

146.800 MPhil Thesis
A supervised and guided independent study resulting in a published work.

146.801 MPhil Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

146.802 MPhil Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

146.816 Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

146.817 Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

146.873 Research Report (60 credits)
A supervised and guided independent study resulting in a report.

146.881 Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a thesis.

146.882 Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a thesis.

146.883 Thesis
A supervised and guided independent study resulting in a thesis.

146.899 Thesis
A supervised and guided independent study resulting in a published work.

146.900 PhD Social Anthropology

146.816 30 credits

146.798 60 credits

146.799 30 credits

146.800 120 credits

146.801 60 credits

146.802 60 credits

146.816 60 credits

146.817 60 credits

146.873 60 credits

146.881 45 credits

146.882 45 credits

146.883 90 credits

146.899 120 credits

146.900 120 credits

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146.817 60 credits

146.873 60 credits

146.881 45 credits

146.882 45 credits

146.883 90 credits

146.899 120 credits

146.900 120 credits

146.800 120 credits

REHABILITATION STUDIES

147.101 Rehabilitation Studies
An introduction to the principles and practices of rehabilitation. The processes of rehabilitation are explored with particular reference to the International Classification of Functioning, Disability and Health (ICF). Emphasis is placed on exploring a person-centred approach to rehabilitation.

147.102 Mental Health and Society
The course provides an introduction to mental health and illness with a focus on New Zealand society. Attention is given to the social context of mental health and wellbeing, including the impact of inequalities on mental health, and the experience of stigma for those with a mental illness.

147.201 Issues in Rehabilitation
A study of major issues related to rehabilitation processes and practices. Students will examine rehabilitation in relation to personal, social and environmental factors and be introduced to terms, concepts and models related to disability, age, gender, culture, legal and political contexts, family and society, advocacy and inclusion.

147.202 Mental Health Policy and Practice
The course provides an overview of the policy and practice of mental health services and wellbeing in New Zealand. Attention is given to the role of
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.

147.791 30 credits
Special Topic I

147.798 60 credits
Research Report (60)

147.799 30 credits
Research Report (30)

147.806 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
A supervised and guided independent study resulting in a published work.

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 1980s, 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).
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<tr>
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<td>148.220</td>
<td>15</td>
<td>The Second World War</td>
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<td>148.221</td>
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<td>The Black Death and Other Plagues, 1300-1700</td>
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<td>148.241</td>
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<td>Revolution, Rights and the Atlantic World, 1763 to 1848</td>
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<td>The Age of Jihad and Crusade</td>
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<td>The Sixties: Sex and Drugs and Rock and Roll?</td>
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<td>The Great War 1914-1918: a Military and Social History</td>
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<td>Maori and Colonisation</td>
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<td>Iwi History</td>
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<td>Reformers, Radicals &amp; Revolutionaries: Protest in New Zealand</td>
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<td>New Zealand Military History: 1899 to 2001</td>
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<td>The New Zealand Wars</td>
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<td>Court Culture in Late Medieval Europe</td>
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**DEFENCE AND STRATEGIC STUDIES**

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<td>Introduction to Defence Studies</td>
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<td>An Introduction to Military Operations</td>
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<td>Introduction to Border Security</td>
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<td>Introduction to Security Studies</td>
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<td>Police and Policing in Society</td>
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<td>149.215</td>
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<td>Emerging Issues in Defence Studies</td>
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<td>Intelligence in the Security Environment</td>
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<td>Security Issues in the Asia-Pacific</td>
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<td>Security in the Information Age</td>
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<td>Strategic Issues in Defence Studies</td>
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<td>Law of Armed Conflict</td>
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<td>The History of Defence and Security Intelligence</td>
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<td>Psychology of Evidence in the Security Environment</td>
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<td>Terrorism and Political Violence</td>
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<td>Biosecurity Theory and Practice</td>
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<td>149.704</td>
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<td>Leadership, Management and Command</td>
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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 critical examination 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.
### MAORI STUDIES

**150.001 Bridging Studies in Maori Culture and Society**
This course prepares students for university level study of Maori culture, social sciences and education and examines the principles and implications of biculturalism and the Treaty for New Zealand’s social institutions and practices. 

**150.103 Nau mai e noho: Engaging with Maori**
This course will equip students with a range of skills to engage with Maori communities including common expressions in te reo, an understanding of key traditional concepts, customary practices (tikanga), the importance of the Treaty of Waitangi and the nature and structure of Maori social and political organisations. 

**150.106 Nga Hanga Whakairo: Traditional Maori Visual Art**
An introduction to the scope of Maori art with a view to recognising traditional elementary forms and their significance. Social and cultural dimensions will be considered and Maori art forms from pre-contact times to the present will be examined within the context of a dynamic and changing society. 

**150.107 Mata Puare: Studio IA**
An exploration of the principles and elements of design and their application within two-dimensional contexts. The cultural significance of Maori design processes will be examined in order to understand interrelationships between form and content. 

**150.108 Mata Puare: Studio IB**
An exploration of the principles and elements of design and their application within three-dimensional contexts. The cultural significance of Maori design processes will be examined in order to understand interrelationships between form and content. 

**150.112 Hauora Tangata: Maori and Global Indigenous Health**
An introduction to Maori and global indigenous health issues within Aotearoa/New Zealand. 

**150.114 He Tirohanga o Mua: Maori Custom, Lore and Economics**
An analysis of Maori knowledge, custom and economic foundations. Customary lifestyles will be examined within a context of ritual, philosophy, technology, economic principles, and social organisation in order to understand pre-contact Maori culture and the implications for modern times. 

**150.201 Te Kawenata o Waitangi: The Treaty of Waitangi in New Zealand Society**
A study of the Treaty of Waitangi background, texts, principles, and application to contemporary New Zealand. There is a particular focus on land, legislation, court decisions, social policies, the environment, constitutional matters, claims to the Waitangi Tribunal and Treaty settlements. Differing perspectives of hapu/iwi/Maori and the Crown, as well as opportunities for resolution, are explored. 

**150.202 Hauora Tangata: Maori Health Foundations**
Cultural understandings of health form the basis for an exploration of cultural, biological, social, economic, environmental and political interactions and their impacts on Maori health. Implications for health workers and for Maori health gains are examined within the context of Maori health perspectives, health services and Maori health gains. 

**150.204 Mana Maori: Maori and Politics**
The study of the nature of Maori politics and political self-determination in contemporary Aotearoa New Zealand. It will explore the avenues through which Maori have sought to realise their political aspirations, particularly in relation to national political institutions, and theoretical perspectives that can assist in the analysis and strategic development of Maori political self-determination. 

**150.205 Kura Mai Tawhiti: Maori Knowledge**
An examination of heritage and contemporary Maori knowledges exploring the origins and relevance of traditional belief systems and the contemporary cultural-political contexts of mataraua paradigms in areas such as research, education, justice, science, business, social development and the environment. 

**150.206 Nga Momo Whakairo: Contemporary Maori Visual Art**
An interpretation of the design structures that constitute Maori art from a bicultural perspective together with an examination of the factors that determine stylistic change. 

**150.207 Mata Oho: Studio IIA**
An examination of the significance of Maori visual culture with a view to understanding the interrelationships between form and function within ‘traditional’ and ‘contemporary’ contexts. Advanced development of media and processes within two-dimensional frameworks. 

**150.208 Mata Oho: Studio IIB**
An examination of the significance of Maori visual culture with a view to understanding the interrelationships between form and function within ‘traditional’ and ‘contemporary’ contexts. Advanced development of media and processes within three-dimensional frameworks. 

**150.213 Tikanga-a-iwi: Tribal Development**
A critique of the tribe as a foundation for traditional Maori society, including an examination of land tenure, kinship, descent, tribal economies and cultural cohesion. Hapu and iwi structures will be described as well as patterns of leadership. 

**150.216 He Huarahi Rangahau: Maori and Research**
An introduction to Maori-focused research. Methodological, ethical and philosophical issues will be explored using a range of case studies taking into account Maori values, Maori community expectations, sources of information and the interface between matauranga Maori and scientific method. 

**150.301 Te Mana Te Kawanatanga: Maori Policy and the State**
Recent policies, legislation and judicial outcomes that impact on Maori people are examined as well as interaction between Maori and the State in formulating policies for Maori. A framework for analysis derived from Maori perspectives serves as a basis for understanding policy development and is applied to specific policy areas including Maori land, broadcasting, fishing, employment, health, the environment and Treaty settlements. 

**150.302 Planning for Maori Health**
Strategies for the advancement of Maori health will be reviewed with a particular focus on health promotion, mental health, the national health strategy, strategies for health funding and the delivery of health services, and the link between Maori health strategies and positive Maori development. 

**150.303 Mana Wahine: Maori Women**
A theory and research based examination of issues that concern Maori women in all contexts, including the roles that Maori women assume both within a Maori social framework and beyond. Theories of mana wahine and the ways mana is maintained, enhanced or lessened will be examined. 

**150.304 To Ao Huruhuri: Contemporary Maori Issues**
A critical examination of contemporary Maori cultural, political and human rights issues through colonization to present day renaissance of Maori and indigenous peoples.
150.307 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. 30 credits

150.308 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. 60 credits

150.407 Matatua: 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. 60 credits

150.408 Matatua: 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. 60 credits

150.701 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. 30 credits

150.702 Mauiri Ora: Maori Mental Health
An exploration of determinants of mental health for Maori, epidemiological trends and Maori cultural implications for community and clinical practice. 30 credits

150.707 Te Tataitanga Matatua: 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. 90 credits

150.710 Te Reo Whakawhitihiti: 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. 30 credits

150.711 Te Tau-Ihu o te Reo: Advanced Maori Literature
Tuatahi a e ako i te tauata mamo reo, te kawa o tatau marae peni e te tangihanga, whakatauki, pepeha, korerorurakau, waiata tawhito. Tuaraia he kaupapa mai i te reaanga poropiti Maori e ora e rau tau. Ka tatariria hoki nga korerorora mo teta poropiti A Te Kooti Arikirangi Te Turuki i ahu mai ai nga kaupapa maha e pa ana ki te mana mutuhake. Tuaturu ka tataritia nga koreroroe e pa ana ki tei tei kaupapa hohoma, e taukiai ai ona kaupapa ko te poroporoaki tena. This course explores language forms used in marae procedure, and language associated with tangihanga, whakatauki, pepeha, korerorurakau, waiata tawhito. In addition the propulsion 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. 30 credits

150.713 Te Reo o Te Akomanga: Language of the Classroom
He tatemari he whakataki me te tatari i nga paearu ngaio o Te Marautanga o Te Aho Matua me te tahuna me te maori titiro ki nga paearu o te aho matua. Ka tairaha hoki nga korerorora mo teta poropiti A Te Kooti Arikirangi Te Turuki e i ahu mai ai nga kaupapa maha e pa ana ki te mana mutuhake. Tuaturu ka tataritia nga koreroroe e pa ana ki tei tei kaupapa hohoma, e taukiai ai ona kaupapa ko te poroporoaki tena. This course explores language forms used in marae procedure, and language associated with tangihanga, whakatauki, pepeha, korerorurakau, waiata tawhito. In addition the propulsion 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. 30 credits

150.714 Ta Te Maori Rangahau Korero: Maori Research Methodologies
An examination of methodologies appropriate for research within Maori communities, iwi, hapu and whanau. Emphasis will be placed on accessing relevant information held in public repositories, on the internet and on computerised databases. The identification of frameworks for research in Maori contexts, ethical issues, and research design form important aspects of the course. 30 credits

150.715 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. 30 credits

150.720 Rangahau Whakairo: Pre-thesis Practicum
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. 120 credits

150.722 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. 30 credits

150.723 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. 30 credits

150.724 Whakapiki Whanau: Whanau Intervention
An advanced study of the indications, relative merits, applications, and outcomes of interventions aimed at increasing whanau capacities. 30 credits

150.725 Rangahau Whakairo: Pre-thesis Practicum (Part I)
60 credits

150.726 Rangahau Whakairo: Pre-thesis Practicum (Part II)
60 credits

150.731 Te Reo o Te Akomanga: Language of the Classroom
He tatemari he whakataki me te tatari i nga paearu ngaio o Te Marautanga o Te Aho Matua me te tahuna me te maori titiro ki nga paearu o te aho matua. Ka tairaha hoki nga korerorora mo teta poropiti A Te Kooti Arikirangi Te Turuki e i ahu mai ai nga kaupapa maha e pa ana ki te mana mutuhake. Tuaturu ka tataritia nga koreroroe e pa ana ki tei tei kaupapa hohoma, e taukiai ai ona kaupapa ko te poroporoaki tena. This course explores language forms used in marae procedure, and language associated with tangihanga, whakatauki, pepeha, korerorurakau, waiata tawhito. In addition the propulsion 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. 30 credits

150.732 Inquiry Based Approaches in Kura Kaupapa Maori
Ko nga rautaki pakihehua Kaupapa Maori me nga iti taketake e tiroiro ana ki nga whakako kia 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. 30 credits

150.733 The Kura Kaupapa Maori Curriculum
He whakatake me te tatari i nga paearu ngaio o Te Marautanga o Te Aho Matua me te tahuna me te maori titiro ki nga paearu o te aho matua. Ka tairaha hoki nga korerorora mo teta poropiti A Te Kooti Arikirangi Te Turuki e i ahu mai ai nga kaupapa maha e pa ana ki te mana mutuhake. Tuaturu ka tataritia nga koreroroe e pa ana ki tei tei kaupapa hohoma, e taukiai ai ona kaupapa ko te poroporoaki tena. This course explores language forms used in marae procedure, and language associated with tangihanga, whakatauki, pepeha, korerorurakau, waiata tawhito. In addition the propulsion 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. 30 credits

150.734 Pedagogy and Practice in Kura Kaupapa Maori
He atatu te whakamahi i nga ahu angora o te Marautanga o Te Aho Matua me te tahuna me te maori titiro ki nga paearu o te aho matua. Ka tairaha hoki nga korerorora mo teta poropiti A Te Kooti Arikirangi Te Turuki e i ahu mai ai nga kaupapa maha e pa ana ki te mana mutuhake. Tuaturu ka tataritia nga koreroroe e pa ana ki tei tei kaupapa hohoma, e taukiai ai ona kaupapa ko te poroporoaki tena. This course explores language forms used in marae procedure, and language associated with tangihanga, whakatauki, pepeha, korerorurakau, waiata tawhito. In addition the propulsion 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. 30 credits

150.799 Research Report (30)
30 credits

150.800 MPhil Thesis
120 credits

MPhil Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work. 60 credits

Back to Contents
150.802 MPhil Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

150.809 Te Wahapu Matatau (Matau): 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.

150.816 Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

150.817 Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

150.821 Nga Miro Whakaaturanga: Thesis Practicum
An individually supervised and approved study involving research into Maori or indigenous visual culture to realise an individually conceived body of work that allows for the design and/or coordination of an exhibition, together with an exhibition report that resolves research and practice, or a database that contextualises the work of work within the student’s personal oeuvre.

150.825 Nga Miro Whakaaturanga Thesis Practicum 120 Cr P1
A supervised and guided independent study resulting in a published work.

150.826 Nga Miro Whakaaturanga Thesis Practicum 120 Cr P2
A supervised and guided independent study resulting in a published work.

150.873 Research Report Maori Studies (60)

150.881 Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work.

150.882 Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work.

150.883 Thesis
A supervised and guided independent study resulting in a published work.

150.899 Thesis
A supervised and guided independent study resulting in a published work.

150.900 PhD Maori Studies

151 NUTRITIONAL SCIENCE

151.231 Food Chemistry for Nutrition
Chemical composition and physical properties of food. Modification of nutrient content of foods due to formulation, processing and preparation. Food regulation and food safety.

151.232 Nutrition and Metabolism
Physiological function and metabolic fate of carbohydrates, lipids and proteins and their involvement in meeting energy needs for maintenance, growth and performance. Nutritional and physiological functions of vitamins, minerals, water and electrolytes in humans. The pharmacological role of specific micronutrients. Physical and biochemical measurements of nutritional status of populations and individuals; including assessment of body composition and dietary intake.

151.243 Nutritional Biochemistry
Biochemistry of relevance to nutritional science: Structure and function of proteins, carbohydrates and lipids; enzymes and enzyme kinetics; metabolic pathways of protein, carbohydrate and lipid metabolism and their regulation; an introduction to genes and regulation of gene expression.

151.244 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 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 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 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 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 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 Nutrition throughout the Life Cycle
Changing nutrient functions, requirements and partitioning during the lifecycle (from the foetus though 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 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 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 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 Food Technology/Nutrition Interface
Processing of food; food preservation; food marketing; sensory science; food legislation and policy; nutrient substitutes; functional foods.
151.708  **Nutritional Research Methods**  15 credits
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.

151.709  **Biometrics for the Animal and Nutritional Sciences**  15 credits
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, covariance analysis and general linear models.

151.712  **Special Topic**  15 credits
A selected course of study, which may include a project or lectures and assignments; details of content to be specified for each student.

151.713  **Special Topic**  30 credits
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.

151.714  **Advanced Human Nutrition**  30 credits
Selected topics in advanced human nutrition.

151.715  **Advanced Sports Nutrition**  15 credits
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.

151.716  **Advanced Nutrition and Disease**  15 credits
A selection of topics regarding the interrelationships between nutrition and disease at an advanced level.

151.717  **Selected Topics in Public Health Nutrition**  15 credits
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.

151.718  **Advanced Topics in Macronutrient Nutrition**  15 credits
An advanced study of food composition, digestive and metabolic processes, and interactions of macronutrients.

151.719  **Advanced Topics in Micronutrient Nutrition**  15 credits
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.

151.721  **Selected Topics in Nutrition and Disease**  15 credits
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.

151.741  **Research Methods and Statistics for Dietetics**  15 credits
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.

151.742  **Nutrients for Health and Disease**  15 credits
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.

151.743  **Foodservice Management**  15 credits
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.

151.744  **Clinical Dietetics I**  15 credits
This course focuses on nutritional interventions that may improve the nutritional status of individuals and groups within clinical, community or public health settings addressing nutrition-related needs or disorders. It will provide theoretical knowledge forming the foundation for safe and effective practice within the domains of clinical nutrition and dietetics, investigating all aspects of nutrition-related diseases – from aetiology to therapy.

151.745  **Clinical Dietetics 2**  15 credits
Building on the content of Clinical Dietetics 1, this course focuses on nutritional interventions that may improve the nutritional status of individuals and groups within clinical, community or public health settings addressing nutrition-related needs or disorders. It will provide theoretical knowledge forming the foundation for safe and effective practice within the domains of clinical nutrition and dietetics, investigating all aspects of nutrition-related diseases – from aetiology to therapy.

151.746  **Communications in Dietetic Practice**  15 credits
This course introduces the theory and practice of communication approaches and strategies in the professional work environment, emphasising successful communication in a range of contexts including individual counselling, small group education, community consultation, within a management or media perspective, and presentation to any audience. Communication management and learning theory and skills will be examined and applied through practical examples and assessment tasks.

151.750  **Clinical Dietetics 2**  45 credits
This course comprises the total extent of professional dietetic practice to acquire practical training and experience within the three domains of dietetic practice as specified by the professional accrediting body. Experienced practitioners will supervise students in a variety of settings including hospitals, community health centres, industry and public health services where their skills and competencies will be developed in a range of areas.

151.799  **Research Report**  30 credits
A supervised and guided independent study resulting in a published work.

151.870  **Research Report**  60 credits
A supervised and guided independent study resulting in a published work.

151.871  **Thesis 90 Credit Part 1**  45 credits
A supervised and guided independent study resulting in a published work.

151.872  **Thesis 90 Credit Part 2**  45 credits
A supervised and guided independent study resulting in a published work.

151.875  **Thesis**  90 credits
A supervised and guided independent study resulting in a published work.

151.891  **Thesis 90 Credit Part 1**  45 credits
A supervised and guided independent study resulting in a published work.

151.892  **Thesis 90 Credit Part 2**  45 credits
A supervised and guided independent study resulting in a published work.

151.895  **Thesis**  90 credits
A supervised and guided independent study resulting in a published work.

151.897  **Thesis 120 Credit Part 1**  60 credits
A supervised and guided independent study resulting in a published work.
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<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>151.898</td>
<td>60</td>
</tr>
<tr>
<td>Thesis 120 Credit Part 2</td>
<td>A supervised and guided independent study resulting in a published work</td>
</tr>
<tr>
<td>151.899</td>
<td>120</td>
</tr>
<tr>
<td>Thesis</td>
<td>A supervised and guided independent study resulting in a published work.</td>
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<tr>
<td>151.901</td>
<td>120</td>
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<tr>
<td>PhD Nutritional Science</td>
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### MANAGEMENT

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<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
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<tbody>
<tr>
<td>152.203</td>
<td>15</td>
</tr>
<tr>
<td>Business and Society</td>
<td>A study of the interplay of business and society in the context of business development and contemporary business practice.</td>
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<td>152.230</td>
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<tr>
<td>Entrepreneurship</td>
<td>An introduction to entrepreneurship and its application to new ventures as well as to existing small businesses.</td>
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<tr>
<td>152.232</td>
<td>15</td>
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<tr>
<td>Small Business Management</td>
<td>This course develops competencies relevant to operating small and medium sized enterprises. The focus is on critical skills, ethical awareness and the concepts needed by today’s small business owners, and introduces specialist topics in enterprise development.</td>
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<tr>
<td>152.233</td>
<td>15</td>
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<tr>
<td>Fundamentals of Entrepreneurship and Innovation</td>
<td>This introductory course develops understanding of the key concepts in entrepreneurship and innovation.</td>
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<tr>
<td>152.234</td>
<td>15</td>
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<tr>
<td>Business Model Innovation</td>
<td>Describe the importance of context and value creation when designing and validating business models.</td>
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<tr>
<td>152.250</td>
<td>15</td>
</tr>
<tr>
<td>Managing Organisations</td>
<td>An analysis of the management of organisations emphasising themes relating to people, process and structure.</td>
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<tr>
<td>152.252</td>
<td>15</td>
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<tr>
<td>Project Management</td>
<td>An introduction to the theory and methods employed in project management.</td>
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<tr>
<td>152.261</td>
<td>15</td>
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<tr>
<td>International Business</td>
<td>A study of business and management from an international perspective. An introduction to the conduct of business in the global environment utilising different forms of enterprise including e-business, direct trade relations, and foreign direct investment in the context of rapid economic change. These are examined in the context of regionalism and globalism.</td>
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<tr>
<td>152.264</td>
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<tr>
<td>International Supply Chain Management</td>
<td>An introduction to the applied aspects of supply chain management in international business.</td>
</tr>
<tr>
<td>152.270</td>
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<tr>
<td>Māori Management</td>
<td>Māori Management is designed for people who have a responsibility for undertaking management activities related to Māori business development and commercial activities. It examines the history and structure of Māori organisations, contemporary management structures and the impact of associated government policies and legislation.</td>
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<tr>
<td>152.304</td>
<td>15</td>
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<tr>
<td>Managing Services</td>
<td>Examines theories and issues relating to the place of services in the economy.</td>
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<tr>
<td>152.325</td>
<td>15</td>
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<tr>
<td>Designing and Developing Organisations</td>
<td>A theoretical and practical introduction to organisational designs and development processes.</td>
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</tbody>
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### PHD PROGRAMME

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
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<tbody>
<tr>
<td>152.330</td>
<td>15</td>
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<tr>
<td>Enterprise Development</td>
<td>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.</td>
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<tr>
<td>152.331</td>
<td>15</td>
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<tr>
<td>Scaling and Growth</td>
<td>Develops understanding of key areas that are critical for the sustainable growth of an organisation, by exploring the key challenges of scaling and growth.</td>
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<tr>
<td>152.333</td>
<td>15</td>
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<tr>
<td>New Venture Project</td>
<td>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.</td>
</tr>
<tr>
<td>152.336</td>
<td>15</td>
</tr>
<tr>
<td>Leadership Practice</td>
<td>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.</td>
</tr>
<tr>
<td>152.337</td>
<td>15</td>
</tr>
<tr>
<td>New Venture Development</td>
<td>A project based course in which students explore and develop a value-creation project in relation to a specific context of their choice.</td>
</tr>
<tr>
<td>152.338</td>
<td>15</td>
</tr>
<tr>
<td>Cultural Perspectives on Entrepreneurship</td>
<td>An examination of interconnections between entrepreneurship, culture and diversity, including social identities such as gender, ethnicity and indigeneity, 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.</td>
</tr>
<tr>
<td>152.350</td>
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</tr>
<tr>
<td>Strategic Management and Governance</td>
<td>An examination of strategic management concepts, the tools and techniques of strategic analysis, and issues associated with governance including business ethics.</td>
</tr>
<tr>
<td>152.355</td>
<td>15</td>
</tr>
<tr>
<td>Sustainability Issues, Challenges and Responses</td>
<td>An examination of sustainability issues and challenges, how they relate to the business community, and the implications of sustainability for business policy and management.</td>
</tr>
<tr>
<td>152.366</td>
<td>15</td>
</tr>
<tr>
<td>Operational Management of International Business</td>
<td>Managing the operational effectiveness of the enterprise conducting business in international markets including international supply chain, quality, and distribution management.</td>
</tr>
<tr>
<td>152.370</td>
<td>15</td>
</tr>
<tr>
<td>Te Whanaketanga o te Pakihi Maori - Advanced Maori Business Development and Management</td>
<td>An examination of the interface between customary and contemporary management practices focusing on the management of Māori resources and the development of Māori enterprise.</td>
</tr>
<tr>
<td>152.373</td>
<td>30</td>
</tr>
<tr>
<td>National Sport Organisation Coaching Practicum</td>
<td>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.</td>
</tr>
<tr>
<td>152.381</td>
<td>15</td>
</tr>
<tr>
<td>Action Learning Management Practicum</td>
<td>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.</td>
</tr>
</tbody>
</table>
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 teams members in knowledge-intensive work environments. The role of computerized ‘knowledge management’ systems, and the relationships between people and technology which constitute special challenges to managing such environments will be considered.

152.771 15 credits  
Management in Organisations  
The application of modern management in business organisations.

152.777 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.
<table>
<thead>
<tr>
<th>Subject Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>152.784</td>
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<td>152.785</td>
<td>Research Report</td>
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<td>152.786</td>
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<td>152.787</td>
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<td>152.802</td>
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<td>152.804</td>
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<td>152.806</td>
<td>Professional Practice</td>
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<tr>
<td>152.807</td>
<td>Research Report</td>
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<td>152.808</td>
<td>PhD Management</td>
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</table>

**DISPUTE RESOLUTION**

<table>
<thead>
<tr>
<th>Subject Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>153.200</td>
<td>Introduction to Dispute Resolution</td>
<td>15 credits</td>
</tr>
<tr>
<td>153.202</td>
<td>Law and Mediation</td>
<td>15 credits</td>
</tr>
<tr>
<td>153.204</td>
<td>Negotiation Principles</td>
<td>15 credits</td>
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<td>153.302</td>
<td>Mediation Process</td>
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<tr>
<td>153.306</td>
<td>Negotiation Practice</td>
<td>15 credits</td>
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<tr>
<td>153.310</td>
<td>Arbitration Practicum</td>
<td>15 credits</td>
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<tr>
<td>153.311</td>
<td>Mediation Practicum</td>
<td>15 credits</td>
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<tr>
<td>153.314</td>
<td>Dispute Resolution Advocacy</td>
<td>15 credits</td>
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<tr>
<td>153.315</td>
<td>Adjudicative Processes</td>
<td>15 credits</td>
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<tr>
<td>153.320</td>
<td>Employment Dispute Resolution</td>
<td>15 credits</td>
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<tr>
<td>153.330</td>
<td>Dispute Resolution Practicum</td>
<td>15 credits</td>
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<tr>
<td>153.340</td>
<td>Elements of Dispute Resolution</td>
<td>30 credits</td>
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<tr>
<td>153.350</td>
<td>International Law for Dispute Resolution</td>
<td>30 credits</td>
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<td>153.355</td>
<td>Dispute Resolution Management</td>
<td>30 credits</td>
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<tr>
<td>153.360</td>
<td>Reasoning and Decision Making</td>
<td>30 credits</td>
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<tr>
<td>153.364</td>
<td>Theory of Conflict</td>
<td>30 credits</td>
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<tr>
<td>153.368</td>
<td>Advanced Employment Dispute Resolution</td>
<td>30 credits</td>
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<td>153.372</td>
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<td>153.374</td>
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</tr>
<tr>
<td>153.375</td>
<td>Research Report</td>
<td>60 credits</td>
</tr>
</tbody>
</table>

**Elements of Dispute Resolution**

- An examination of key principles and techniques of reasoning and decision-making especially as relative to Dispute Resolution.
- An introduction to the management of dispute resolution including case and practice management.
- A research course requiring the student to conduct independent research with academic supervision within the area of dispute resolution.
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 examination of 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.
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>154.333</td>
<td>Humour and the Media</td>
<td>15</td>
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<tr>
<td>154.701</td>
<td>Modern and Postmodern Visual Cultures</td>
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<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>
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<tr>
<td>154.719</td>
<td>Media, Entertainment, and Ethics</td>
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<td>154.721</td>
<td>The Communication Field</td>
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<td>154.747</td>
<td>Media Practice and Global Culture</td>
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<td>154.797</td>
<td>Research Report (60)</td>
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<td>MPhil Thesis</td>
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<td>154.816</td>
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<tr>
<td>154.855</td>
<td>Master of Communication Research Project</td>
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<td>154.873</td>
<td>Research Report Media Studies (60)</td>
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<td>PhD Media Studies</td>
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<td>155.000</td>
<td>BUSINESS LAW</td>
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<tr>
<td>155.110</td>
<td>Retail Law</td>
<td>15</td>
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<tr>
<td>155.201</td>
<td>Law of Property</td>
<td>15</td>
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<tr>
<td>155.202</td>
<td>Essentials of Law</td>
<td>15</td>
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<tr>
<td>155.203</td>
<td>Law of Business Organisations</td>
<td>15</td>
</tr>
</tbody>
</table>
### BUSINESS LAW

**155.210 Commercial Law**  
Legal obligations and responsibilities that may arise when conducting business activities.  
15 credits

**155.215 Criminal Law**  
The principles of and justification for criminal law; the ingredients of criminal offences and their classification, corporate and vicarious liability; defences to criminal charges; the burden and standard of proof; an outline of criminal procedure.  
15 credits

**155.216 Land Law for Real Estate Agents**  
The law relating to land and dealings in land as it affects the real estate profession.  
15 credits

### MARKETING

**155.313 Commercial Transactions Contrary to Conscience**  
An examination of the extent to which Courts will interfere in commercial transactions on the grounds that they are perceived to be contrary to ‘conscience’. The focus is on the equitable notions of trust, fiduciary duties, undue influence and unconscionability and upon the doctrine of restitution for unjust enrichment.  
15 credits

**155.315 Sport Law**  
A study of the legal issues associated with sport, including the relevance and application to sport of intellectual property, contract, criminal liability, negligence, volunteers, drug testing, occupational safety and health, and accident compensation.  
15 credits

**155.700 Fundamentals of Law**  
This course provides a grounding in the New Zealand legal system and selected aspects of the relationship between law and business by examining contract and negligence law and other contemporary legal issues. It will also introduce students to legal research and writing.  
30 credits

**155.702 Special Topic Business Law**  
30 credits

**155.704 Corporate Governance**  
A study of the principles of corporate governance including the legal and ethical responsibilities of corporate managers.  
30 credits

**155.705 Special Topic Business Law**  
30 credits

**155.711 Law of Business**  
The legal system and the law of business organisations and its relevance to the accounting and finance profession.  
15 credits

**155.798 Research Report**  
Students are required to write a report based on independent research. The research topic and appropriate supervision must be arranged with the HOS prior to enrolment.  
30 credits

**155.799 Research Report**  
Students are required to write a report based on independent research. The research topic and appropriate supervision must be arranged with the HOS prior to enrolment.  
30 credits

**155.800 MPhil Thesis**  
Students are required to write a thesis based on independent research. The thesis topic and appropriate supervision must be arranged with the HOS prior to enrolment.  
120 credits

### MANAGEMENT

**155.301 Employment Law**  
This course studies the law relating to employer and employee. Aspects studied include the employment contract, the law relating to the determination of employment disputes, the legality of industrial action, anti-discrimination legislation in the employment context and the law of dismissal.  
15 credits

**155.701 Special Topic Business Law**  
30 credits

**155.704 Corporate Governance**  
A study of the principles of corporate governance including the legal and ethical responsibilities of corporate managers.  
30 credits

**155.771 Special Topic Business Law**  
15 credits

**155.771 Law of Business**  
The legal system and the law of business organisations and its relevance to the accounting and finance profession.  
15 credits

**155.798 Research Report**  
Students are required to write a report based on independent research. The research topic and appropriate supervision must be arranged with the HOS prior to enrolment.  
30 credits

**155.799 Research Report**  
Students are required to write a report based on independent research. The research topic and appropriate supervision must be arranged with the HOS prior to enrolment.  
30 credits

**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.  
15 credits

**156.231 Strategic Marketing Management**  
A study of the decisions required to allocate and manage marketing resources in a competitive business environment.  
15 credits

**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.  
15 credits

**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.  
15 credits

**156.235 Social Media and Digital Marketing**  
A study of the impact, application and evaluation of new digital media marketing strategies and techniques.  
15 credits

**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.  
15 credits

**156.238 Marketing New Products**  
A study of new product and service development processes from a marketing perspective.  
15 credits

**156.331 Marketing Strategy**  
Advanced study of marketing principles and practice, integrating the topics covered at 200-level.  
15 credits

**156.333 Market Analysis**  
The application of quantitative methods to the analysis of market structure and brand competition.  
15 credits

**156.334 Marketing Consultancy Project**  
A client driven marketing planning course that integrates marketing concepts and methods across the curriculum.  
15 credits

**156.338 International Marketing**  
A critical examination of issues in international marketing and their relevance to business and society.  
15 credits

**156.339 Omni-Channel Retail Marketing**  
A critical examination of marketing in an omni-channel retail environment.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Title</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>156.340</td>
<td>15</td>
<td>Customer Intelligence</td>
<td>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.</td>
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<tr>
<td>156.341</td>
<td>15</td>
<td>Branding</td>
<td>A critical examination of brands and issues in branding and their relevance to business and society.</td>
</tr>
<tr>
<td>156.700</td>
<td>30</td>
<td>Essentials of Marketing</td>
<td>A study of the theory and practice of marketing. This course is designed for graduate students to provide a comprehensive knowledge in marketing.</td>
</tr>
<tr>
<td>156.742</td>
<td>30</td>
<td>Advanced Consumer Behaviour</td>
<td>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.</td>
</tr>
<tr>
<td>156.743</td>
<td>30</td>
<td>Advanced Marketing Planning and Strategy</td>
<td>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 and, is addressed.</td>
</tr>
<tr>
<td>156.744</td>
<td>30</td>
<td>Advanced Marketing Research and Analysis</td>
<td>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.</td>
</tr>
<tr>
<td>156.755</td>
<td>30</td>
<td>Advanced Social Media and Mobile Marketing</td>
<td>A critical evaluation of the impact of the digital and mobile environment on all aspects of the practice of marketing.</td>
</tr>
<tr>
<td>156.758</td>
<td>30</td>
<td>Advanced Social Marketing</td>
<td>A detailed examination of the relationship between social marketing, social policy, and ethical issues.</td>
</tr>
<tr>
<td>156.761</td>
<td>30</td>
<td>Customer Insights</td>
<td>A solid grounding in computerized 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-organisation) 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.</td>
</tr>
<tr>
<td>156.762</td>
<td>30</td>
<td>Return on Marketing Investment</td>
<td>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 economometric methods, statistical programming approaches, types of marketing investments, and the reporting of the results.</td>
</tr>
<tr>
<td>156.775</td>
<td>30</td>
<td>Theory and Models of Marketing</td>
<td>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.</td>
</tr>
<tr>
<td>156.776</td>
<td>30</td>
<td>Research Methods in Marketing</td>
<td>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.</td>
</tr>
<tr>
<td>156.799</td>
<td>30</td>
<td>Research Report</td>
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<tr>
<td>156.800</td>
<td>120</td>
<td>MPhil Marketing</td>
<td>The supervised undertaking of an original piece of research in marketing communication.</td>
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<tr>
<td>156.850</td>
<td>120</td>
<td>Thesis</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>156.851</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>156.852</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>156.855</td>
<td>60</td>
<td>Master of Communication Research Project</td>
<td>An applied research project involving the critical evaluation and application of selected research methodologies to address communication-related challenges.</td>
</tr>
<tr>
<td>156.893</td>
<td>60</td>
<td>Research Report</td>
<td>Candidates are required to conduct a piece of independent research under supervision and to produce a report of the research for examination.</td>
</tr>
<tr>
<td>156.894</td>
<td>60</td>
<td>Professional Practice</td>
<td>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.</td>
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<tr>
<td>156.897</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>156.898</td>
<td>60</td>
<td>Thesis 120 Credit Part 2</td>
<td>A supervised and guided independent study resulting in a published work.</td>
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<tr>
<td>156.899</td>
<td>120</td>
<td>Thesis</td>
<td>A supervised and guided independent study resulting in a published work.</td>
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<tr>
<td>156.900</td>
<td>120</td>
<td>PhD Marketing</td>
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<tr>
<td>157.150</td>
<td>15</td>
<td>INFORMATION SYSTEMS</td>
<td>An introductory study of the roles and applications of information systems in organisations and society.</td>
</tr>
<tr>
<td>157.216</td>
<td>15</td>
<td>Management, Analytics and Decision Making</td>
<td>Introduction to techniques and issues involved in using data to support organisational decision making.</td>
</tr>
<tr>
<td>157.240</td>
<td>15</td>
<td>Social Media Networks for Business</td>
<td>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.</td>
</tr>
<tr>
<td>157.241</td>
<td>15</td>
<td>Technology Trends for Organisations</td>
<td>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.</td>
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<tr>
<td>157.325</td>
<td>15</td>
<td>Information management Project</td>
<td>A guided practical applying business analysis methods to an information system and its environment.</td>
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<td>Course Code</td>
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<tr>
<td>157.340</td>
<td>15</td>
<td>Organisational Knowledge Management</td>
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<td>An examination of the role of information systems in creating business value in a knowledge economy.</td>
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<td>157.350</td>
<td>15</td>
<td>Technology Governance and Risk Management</td>
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<td>Designing and managing technology-based solutions for realising organisational strategy.</td>
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<td>157.394</td>
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<td>Managing Technology Projects and Programmes</td>
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<td>Agile project management and design thinking as methodologies for implementing technology projects and programmes.</td>
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<td>157.700</td>
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<td>Info Systems Management</td>
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<td>A comprehensive overview of the application of computing technology within organisations from a managerial perspective.</td>
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<td>157.701</td>
<td>30</td>
<td>Health Information Management</td>
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<td>A study of the management of information and information systems relevant to the planning and delivery of high-quality healthcare.</td>
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<tr>
<td>157.733</td>
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<td>Health Information Systems</td>
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<td>A study of the existing and potential applications of information systems that can be used to support the delivery and management of healthcare.</td>
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<td>157.735</td>
<td>15</td>
<td>Data Mining</td>
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<td>A study of data mining methodologies and techniques related primarily to business and information systems applications. An applied approach will be adopted for the most part.</td>
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<tr>
<td>157.777</td>
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<td>Mobile Business</td>
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<td>A study of mobile business concepts, business models, challenges, applications and technologies from a managerial perspective. The course examines current and future trends in mobile business and provides participants with an understanding of how mobile business applications can be applied to fulfill organisational goals and objectives.</td>
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<td>157.879</td>
<td>60</td>
<td>Research Report</td>
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<td>157.900</td>
<td>120</td>
<td>PhD Information Systems</td>
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<tr>
<td>158.100</td>
<td>15</td>
<td>Computer Applications and the Information Age</td>
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<td>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.</td>
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<tr>
<td>158.120</td>
<td>15</td>
<td>Fundamentals of Information Technology</td>
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<td>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.</td>
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<tr>
<td>158.212</td>
<td>15</td>
<td>Application Software Development</td>
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<td>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.</td>
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<tr>
<td>158.222</td>
<td>15</td>
<td>Data Wrangling and Machine Learning</td>
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<td>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.</td>
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<tr>
<td>158.225</td>
<td>15</td>
<td>Systems Analysis and Modelling</td>
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<td>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.</td>
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<tr>
<td>158.235</td>
<td>15</td>
<td>Networks, Security and Privacy</td>
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<td>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.</td>
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<tr>
<td>158.244</td>
<td>15</td>
<td>System Management and Testing</td>
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<td>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.</td>
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<tr>
<td>158.247</td>
<td>15</td>
<td>Database Design</td>
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<td>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.</td>
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<tr>
<td>158.258</td>
<td>15</td>
<td>Web Development</td>
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<td>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.</td>
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<tr>
<td>158.326</td>
<td>15</td>
<td>Software Architecture</td>
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<td>An advanced study of methods used to model, design, build and test 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.</td>
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<tr>
<td>158.333</td>
<td>15</td>
<td>Applied Machine Learning and Data Visualisation</td>
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<td>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.</td>
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<tr>
<td>158.335</td>
<td>15</td>
<td>The Internet of Things and Cloud Computing</td>
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<td>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.</td>
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<tr>
<td>158.337</td>
<td>15</td>
<td>Database Development</td>
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<td>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.</td>
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<tr>
<td>158.345</td>
<td>15</td>
<td>Professionalism in the Information Sciences</td>
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<td>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.</td>
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</tr>
</tbody>
</table>
158.347 Database Paradigms 15 credits
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 User Experience Design 15 credits
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 Information Technology Project 15 credits
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 Special Topic 15 credits

158.738 Implementation and Management of Systems Security 15 credits
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 Introduction to Analytics 15 credits
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 Geoinformatics 15 credits
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 Information Sciences Research Methods 15 credits
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 Object-Oriented Software Development - Theory and Practice 15 credits
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 Agile Software Engineering 15 credits
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 Rapid Application Development 15 credits
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 Data Science - Making Sense of Data 15 credits
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 User Interface Design and Evaluation 15 credits
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 Mobile Systems Development 15 credits
A technological approach to mobile computing systems that covers technical aspects of mobile systems development.

158.762 Software Quality and Reliability 15 credits
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 Information Technology Project Part 1 15 credits
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 Information Technology Project Part 2 15 credits
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 Information Technology Professional Project 60 credits
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 Thesis 120 Credit Part 1 60 credits
A supervised and guided independent study resulting in a published work.

158.898 Thesis 120 Credit Part 2 60 credits
A supervised and guided independent study resulting in a published work.

158.899 Thesis 120 credits

158.900 PhD Information Technology 120 credits

COMPUTER SCIENCE

159.101 Programming Fundamentals 15 credits
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 Computer Science Fundamentals 15 credits
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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>159.103</td>
<td>15</td>
<td>Introduction to Games Programming and Simulation</td>
</tr>
<tr>
<td>159.171</td>
<td>15</td>
<td>Computational Thinking and Software Development</td>
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<tr>
<td>159.172</td>
<td>15</td>
<td>Computational Thinking and Algorithms</td>
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<tr>
<td>159.201</td>
<td>15</td>
<td>Algorithms and Data Structures</td>
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<td>159.202</td>
<td>15</td>
<td>Declarative Programming</td>
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<td>159.233</td>
<td>15</td>
<td>Computer Architecture</td>
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<td>159.234</td>
<td>15</td>
<td>Object-Oriented Programming</td>
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<td>159.235</td>
<td>15</td>
<td>Graphical Programming</td>
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<tr>
<td>159.251</td>
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<td>Software Engineering Design and Construction</td>
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<td>159.253</td>
<td>15</td>
<td>Computer Systems</td>
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<tr>
<td>159.270</td>
<td>15</td>
<td>Hardware-Oriented Computing</td>
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<td>159.271</td>
<td>15</td>
<td>Computational Thinking for Problem Solving</td>
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<tr>
<td>159.272</td>
<td>15</td>
<td>Programming Paradigms</td>
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<td>159.302</td>
<td>15</td>
<td>Artificial Intelligence</td>
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<td>159.331</td>
<td>15</td>
<td>Algorithms and Languages</td>
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<td>159.333</td>
<td>15</td>
<td>Programming Project</td>
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<td>159.334</td>
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<td>Computer Networks</td>
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<td>159.335</td>
<td>15</td>
<td>Concurrent Programming and Operating Systems</td>
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<td>159.336</td>
<td>15</td>
<td>Mobile Application Development</td>
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<td>159.339</td>
<td>15</td>
<td>Internet Programming</td>
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<td>159.342</td>
<td>15</td>
<td>Advanced Web Development</td>
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<td>159.354</td>
<td>15</td>
<td>Data Communication Networks</td>
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<td>159.355</td>
<td>15</td>
<td>Concurrent Systems</td>
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<td>159.356</td>
<td>15</td>
<td>Software Engineering Capstone Project</td>
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<tr>
<td>159.360</td>
<td>15</td>
<td>Programming for Computer Graphics</td>
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</table>

**Introduction to Games Programming and Simulation**

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.

**Computational Thinking and Software Development**

How to structure 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.

**Computational Thinking and Algorithms**

An introduction to computational structures and processes, building on 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.

**Algorithms and Data Structures**

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.

**Declarative Programming**


**Computer Architecture**


**Object-Oriented Programming**

Introduction to Object-Oriented programming; classes, objects, templates, inheritance, polymorphism, iterators, object libraries.

**Graphical Programming**


**Software Engineering Design and Construction**

A study of techniques, methods and tools used to design and construct high-quality software systems.

**Computer Systems**

Computer architecture, assembler, processor organization. A case study, highlighting the decisions involved in producing a well-designed computer architecture.

**Hardware-Oriented Computing**

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.

**Computational Thinking for Problem Solving**

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.

**Programming Paradigms**

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.

**Artificial Intelligence**


**Algorithms and Languages**

Comparative programming languages. Programming and algorithm design using different paradigms. Algorithm analysis. Algorithm complexity.

**Programming Project**

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.

**Computer Networks**

A layered approach to data communications and the Internet protocols.

**Concurrent Programming and Operating Systems**


**Mobile Application Development**

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.

**Internet Programming**

Advanced concepts of programming computers across the Internet: scripting, HTML, client and server-side programs, distributed objects, distributed object frameworks, security.

**Advanced Web Development**

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.

**Data Communication Networks**

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.

**Concurrent Systems**

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.

**Software Engineering Capstone Project**

Management of the software engineering process. A group project will form a significant component of this course.

**Programming for Computer Graphics**

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.
159.372 Intelligent Machines
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.

159.391 Special Topic
159.392 Special Topic
159.702 Knowledge Engineering
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.

159.703 Advanced Computer Systems
Advanced topics in computer systems, including concurrency, interconnection networks and technology drivers.

159.704 Systems Programming
Internet of Things, general-purpose input/output (GPIO) programming, sensor integration, cloud computing, wireless and mobile networks.

159.707 Advanced Software Design and Construction
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.

159.709 Computer Graphics

159.710 User Interface Design
Practical techniques, models and tools to support the analysis and design of user interfaces.

159.731 Studies in Computer Vision
Selected advanced topics including: low level digital image processing, 2D/3D image processing, image transforms, pattern recognition.

159.732 Studies in Computer Programming
Selected advanced topics including: programming paradigms; procedure; functional; declarative; object-oriented; compiler techniques.

159.735 Studies in Parallel and Distributed Systems
Selected advanced topics including: Parallel computing; network security; client-server computing; compression; web applications; wireless and mobile computing.

159.736 Studies in Operating Systems and Architecture
Selected advanced topics including: Concurrency; scheduling; API programming; real-time and embedded systems; fault tolerance; computer architecture; HDLs.

159.737 Studies in Compilers and Grammars
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.

159.740 Studies in Intelligent Systems
Selected advanced topics including: knowledge-based systems; AI; agents; natural language processing; search and constraint satisfaction.

159.794 Project
159.795 Project
159.870 Research Report
159.871 Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work.

159.872 Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work.

159.875 Thesis
A supervised and guided independent study resulting in a published work.

159.888 Computer Science Professional Project
Candidates will undertake a practical and/or research project including the design and production of a significant software application. 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.

159.897 Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

159.898 Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

159.899 Thesis
A supervised and guided independent study resulting in a published work.

159.900 PhD Computer Science

160

MATHEMATICS

160.101 Calculus I
Functions of one real variable and their graphs. Differentiation, integration and differential equations with applications to mathematical models. Introduction to power series, numerical methods and partial differentiation.

160.102 Linear Mathematics
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.

160.103 Introductory University Mathematics
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.

160.111 Mathematics 1A
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.

160.112 Mathematics 1B
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
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 an equation, what is a solution and 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, business and education. It combines a blend of concepts, techniques and applications. Topics from algebra and calculus include matrices, vectors and geometry, complex numbers, techniques and applications of differatiation 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 crytography. 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
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 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 Special Topic
15 credits

161.391 Special Topic
15 credits

161.704 Bayesian Statistics

161.705 Advanced Statistical Inference
15 credits

161.709 Topic in Statistical Theory
15 credits
A topic in the theory of statistics, such as probability theory, Bayesian statistical theory, statistical decision theory, martingales and stochastic integrals.

161.725 Statistical Quality Control
15 credits
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 Extensions to the Linear Model
15 credits
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 Topics in Applied Statistics
15 credits
A topic in the application of statistics such as non-parametric statistics, multiple comparisons, analysis of complex sample survey data.

161.743 Statistical Reliability and Survival Analysis
15 credits
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 Statistical Genetics
15 credits
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 Topics in Applied Probability
15 credits
A topic in probabilistic modelling such as stochastic networks, dynamic stochastic systems, population theory.

161.762 Multivariate Analysis for Big Data
15 credits
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 Statistical Consulting
15 credits
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 Analysis of Experiments for Researchers
15 credits
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 Multivariate Analysis for Researchers
15 credits
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 Regression for Researchers
15 credits
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 Statistical Modelling for Researchers
15 credits
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 Practical Data Mining
15 credits
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 Biostatistics for Researchers
15 credits
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 Statistical Analysis Project
15 credits
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 Statistical Analysis Project
30 credits
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 Thesis 90 Credit Part 1
45 credits
A supervised and guided independent study resulting in a published work.

161.872 Thesis 90 Credit Part 2
45 credits
A supervised and guided independent study resulting in a published work.

161.875 Thesis
90 credits
A supervised and guided independent study resulting in a published work.

161.893 Research Report
60 credits

161.897 Thesis 120 Credit Part 1
60 credits
A supervised and guided independent study resulting in a published work.
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 Statistics
Each project is an individualistic effort on the part of the student in collaboration with a supervisor. The type of project and the work to be carried out will be decided jointly by the student and the supervisor.

162

BIOLOGY

162.101 15 credits
Biology of Cells
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 15 credits
Introductory Biology
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 15 credits
Biology and Genetics of Microorganisms

162.212 15 credits
The Microbial World
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 15 credits
Biology of Microorganisms

162.283 15 credits
Medical Microbiology
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 15 credits
Advanced Medical Microbiology
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 15 credits
Immunology
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 15 credits
Environmental Microbiology
Actions and interactions of micro-organisms in soil, water and air, and the consequences of colonisation processes.

162.307 15 credits
Microbial Biotechnology
Selected topics in applied microbiology with a strong emphasis on established biotechnological production processes, such as e.g. various biopolymers.

162.312 15 credits
Molecular Microbiology
Major themes in modern microbiology. Molecular analysis of structure, function and export of bacterial surface proteins. Response to environmental change. Molecular typing and population dynamics in pathogens. Developmental signals and differentiation in micro-organisms. Students will have the opportunity to design, implement and evaluate molecular approaches to a problem in microbiology.

162.384 15 credits
Advanced Medical Microbiology
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.

162.389 15 credits
Immunology
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.

162.704 30 credits
Current Topics in Microbiology
Current topics in microbiology covering topics in pathogenicity, biofilms, host interactions and industrial applications.

162.760 30 credits
Research Methods and Communication in the Biosciences
A directed course in research methodology and communication in biosciences. Assignments may include a research proposal, a literature review, scientific writing for a journal and a formal seminar presentation.

162.798 30 credits
Research Report

162.870 60 credits
Research Report

162.871 45 credits
Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work.

162.872 45 credits
Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work

162.875 90 credits
Thesis
A supervised and guided independent study resulting in a published work.

162.897 60 credits
Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

162.898 60 credits
Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

162.899 120 credits
Thesis
A supervised and guided independent study resulting in a published work.

162.900 120 credits
PhD Microbiology & Genetics

167

MUSEUM STUDIES

167.742 30 credits
Collection Management
An examination of the following areas of museological theory and practice: material culture; recent research into private collecting; preventive conservation; collection management policy and practice; contemporary collection management issues including collection rationalisation,
167.743  30 credits
Mathematics and the Practical World of Business
Semester Two introduces 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
MA Thesis
Experience museum professionals may apply for ad eundem status entry to the MA 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 MA by thesis only.

167.801  60 credits
MA Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

167.802  60 credits
MA 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

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>
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<tbody>
<tr>
<td>168.245</td>
<td>15</td>
<td>Praxis III</td>
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<tr>
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<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>
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<td>168.246</td>
<td>15</td>
<td>Professional Development in Nursing</td>
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<td>Professional issues, ethical concepts and legal requirements in relation to nursing are examined.</td>
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<td>168.261</td>
<td>15</td>
<td>Nursing Research and Evidence-based Practice</td>
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<td>A detailed critique of research methods in nursing, and the relevance and impact of evidence-based approaches on health care practice.</td>
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<tr>
<td>168.262</td>
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<td>Nursing People with Long Term Conditions</td>
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<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>
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<tr>
<td>168.263</td>
<td>15</td>
<td>Mental Health and Addictions Nursing I</td>
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<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>
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<tr>
<td>168.264</td>
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<td>Primary Health Care and Health Promotion</td>
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<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>
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<td>168.265</td>
<td>15</td>
<td>Health Assessment and Clinical Decision-making II</td>
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<tr>
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<td>Consolidating and expanding health assessment theory and skill through focussing on a range of ill-health conditions.</td>
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<tr>
<td>168.266</td>
<td>15</td>
<td>Professional Nursing Practice</td>
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<td>A critical exploration of ethical concepts and legal requirements for nursing as a regulated profession.</td>
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<td>168.310</td>
<td>15</td>
<td>Research for Clinical Practice</td>
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<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>
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<tr>
<td>168.311</td>
<td>15</td>
<td>Ethico-legal Dimensions of Nursing Practice</td>
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<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>
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<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>
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<tr>
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<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>
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<tr>
<td>168.343</td>
<td>30</td>
<td>Professional Practice</td>
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<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>
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<td></td>
<td>A critical exploration of contemporary practice 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>
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<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>
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<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>
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<tr>
<td>168.366</td>
<td>15</td>
<td>Contexts of Nursing Practice</td>
</tr>
<tr>
<td></td>
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<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>
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<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>
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<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>
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<tr>
<td></td>
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<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**

168.713 | 30 | Evidence-Based Practice | 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.
COURSE DETAILS

NURSING

168.714 30 credits
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).

168.717 30 credits
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.

168.718 30 credits
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.

168.719 30 credits
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.

168.720 30 credits
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.

168.721 30 credits
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.

168.722 30 credits
Wound Management
The multidimensional aspects of wound management including physiological, pathophysiological and psychological components are examined and applied in the clinical practice setting.

168.724 30 credits
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.

168.725 30 credits
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.

168.726 30 credits
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).

168.728 30 credits
Assessment and Clinical Decision-Making
Development of advanced nursing practice knowledge and skills and comprehensive holistic health assessment and clinical decision-making.

168.729 30 credits
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.

168.731 30 credits
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.

168.733 30 credits
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.

168.734 30 credits
Clinical Pharmacology
Pharmacology topics relevant to advanced nursing practice are critically examined. These include pharmaceutics, pharmacodynamics, pharmacokinetics and a range of pharmacotherapeutic topics.

168.750 30 credits
Registered Nurse Prescribing Practicum
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.

168.791 30 credits
Special Topic I

168.795 15 credits
Special Topic V

168.816 60 credits
Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

168.817 60 credits
Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

168.853 30 credits
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.

168.860 60 credits
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.

168.861 60 credits
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.

168.890 60 credits
Research Report
A supervised and guided independent research project.

168.896 45 credits
Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work.

168.897 45 credits
Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work.

168.898 90 credits
Thesis
A supervised and guided independent study resulting in a published work.
<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>168.899</td>
<td>Thesis</td>
<td>120</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>168.900</td>
<td>PhD Nursing</td>
<td>120</td>
<td></td>
</tr>
<tr>
<td>169</td>
<td>ASIAN STUDIES</td>
<td></td>
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<tr>
<td>169.101</td>
<td>Introduction to Asian Thought</td>
<td>15</td>
<td>An introduction to the major worldviews and religions in South and East Asia.</td>
</tr>
<tr>
<td>170</td>
<td>WOMEN'S STUDIES</td>
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<tr>
<td>170.102</td>
<td>Women of Ideas and Action</td>
<td>15</td>
<td>An introduction to some important feminist thinkers and activists from a range of cultures, employing an interdisciplinary approach to the study of their fiction, theory and activism. The women featured are contextualised in their historical and social milieus and their achievements are studied in relation to the social status of women and the development of feminism in their cultures.</td>
</tr>
<tr>
<td>170.201</td>
<td>What is Feminism?</td>
<td>15</td>
<td>An examination of feminist theories of gender and gendered social relations and the method of gender analysis.</td>
</tr>
<tr>
<td>170.202</td>
<td>New Zealand Feminism</td>
<td>15</td>
<td>Surveys the historical and intellectual development of feminisms in Aotearoa/New Zealand with attention to debates about bodies, ethnicities and culture.</td>
</tr>
<tr>
<td>170.800</td>
<td>MPhil Thesis</td>
<td>120</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>170.801</td>
<td>MPhil Thesis 120 Credit Part 1</td>
<td>60</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>170.802</td>
<td>MPhil Thesis 120 Credit Part 2</td>
<td>60</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>170.816</td>
<td>MA Thesis (Part I)</td>
<td>60</td>
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<tr>
<td>170.817</td>
<td>MA Thesis (Part II)</td>
<td>60</td>
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<tr>
<td>170.899</td>
<td>MA Thesis Women's Studies</td>
<td>120</td>
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<tr>
<td>170.900</td>
<td>PhD Women's Studies</td>
<td>120</td>
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<tr>
<td>171</td>
<td>AGRICULTURE / HORTICULTURE PLANTS</td>
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<tr>
<td>171.798</td>
<td>Research Report MSc</td>
<td>30</td>
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<tr>
<td>171.871</td>
<td>Thesis 90 Credit Part 1</td>
<td>45</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>171.872</td>
<td>Thesis 90 Credit Part 2</td>
<td>45</td>
<td>A supervised and guided independent study resulting in a published work.</td>
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<tr>
<td>171.875</td>
<td>Thesis</td>
<td>90</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>171.887</td>
<td>Research Report</td>
<td>60</td>
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<tr>
<td>171.897</td>
<td>Thesis 120 Credit Part 1</td>
<td>60</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>171.898</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>171.899</td>
<td>Thesis</td>
<td>120</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>171.900</td>
<td>PhD Plant Science</td>
<td>120</td>
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</tr>
<tr>
<td>172</td>
<td>LINGUISTICS</td>
<td></td>
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<tr>
<td>172.131</td>
<td>Language and Communication</td>
<td>15</td>
<td>An introduction to language with particular emphasis on spoken communication.</td>
</tr>
<tr>
<td>172.133</td>
<td>Introduction to Language Studies</td>
<td>15</td>
<td>Introductory skills of analysing language, at the level of discourse, morphology, syntax, semantics and phonology.</td>
</tr>
<tr>
<td>172.231</td>
<td>Linguistics for Speech Therapists</td>
<td>15</td>
<td>This course examines the morphology, grammar and discourse structure of spoken language with an emphasis on speech therapy</td>
</tr>
<tr>
<td>172.232</td>
<td>Language and Society in New Zealand</td>
<td>15</td>
<td>An introduction to sociolinguistics with particular reference to New Zealand: focussing on language and social interaction, regional and social variation in language use, bilingualism and the status of minority languages, and the sociolinguistics of te Reo Maori.</td>
</tr>
<tr>
<td>172.233</td>
<td>Language Learning Processes</td>
<td>15</td>
<td>An introduction to approaches and theories in applied linguistics with particular focus on language learning processes.</td>
</tr>
<tr>
<td>172.234</td>
<td>Phonetics</td>
<td>15</td>
<td>A study of the sounds of language and an introduction to the acoustic analysis of speech.</td>
</tr>
<tr>
<td>172.235</td>
<td>Linguistic Analysis of the English Language</td>
<td>15</td>
<td>An introductory course in linguistic analysis of the English language covering the fundamental concepts of morphology, phonetics, phonology, and syntax.</td>
</tr>
<tr>
<td>172.236</td>
<td>Forensic Linguistics</td>
<td>15</td>
<td>An introduction to the study of forensic linguistics, focussing on a variety of business and legal contexts and related ethical issues.</td>
</tr>
<tr>
<td>172.237</td>
<td>Language, Discourse and Power</td>
<td>15</td>
<td>An introduction to critical discourse analysis, exploring how positions and attitudes are mediated through language, in a variety of everyday contexts, prominent social issues, and societal structures.</td>
</tr>
<tr>
<td>172.239</td>
<td>Language and Culture</td>
<td>15</td>
<td>An examination of the interrelationship between/of language and culture through a study of various elements of language, language use and language acquisition in a wide range of cultural contexts.</td>
</tr>
<tr>
<td>172.330</td>
<td>Sounds and Structures</td>
<td>15</td>
<td>This course introduces theoretical approaches to phonology, the study of sound systems and syntactic/grammatical structures and their interfaces.</td>
</tr>
<tr>
<td>172.334</td>
<td>Field Methods</td>
<td>15</td>
<td>An advanced study of techniques used in the elicitation of linguistic data from speakers involving interviews with one or more speakers of a language other than English.</td>
</tr>
</tbody>
</table>
175.201 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 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 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 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 Nga Tirohanga Rua o 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 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 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 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 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.
175.306 15 credits
Assessment of Individual Differences
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.

175.309 15 credits
Forensic Psychology
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.

175.311 15 credits
Psychology of Women
A theory and research-based examination of psychological issues that concern women. The issues are viewed from four contemporary 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.

175.313 15 credits
Gender and Violence
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.

175.316 15 credits
Evolution, Culture and Mind
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.

175.317 15 credits
Health Psychology
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.

175.318 15 credits
Experimental Psychology
An examination of cognitive, neuropsychological, and electrophysiological techniques of experimental psychology through a hands-on approach.

175.343 15 credits
Personnel Psychology and Career Development
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.

175.345 15 credits
Organisational Psychology
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.

175.718 15 credits
Postmodernism and Psychology
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.

175.719 15 credits
Applied Criminal Psychology
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.

175.720 15 credits
Advanced Psychology of Women
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.

175.721 15 credits
Child and Family Therapy
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.

175.722 15 credits
Principles of Clinical Neuropsychology
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.

175.724 30 credits
Advanced Experimental Psychology
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.

175.725 30 credits
Advanced Social Psychology
‘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.

175.729 15 credits
Psychology and Culture
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.

175.730 15 credits
Professional Practice in Psychology
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.

175.732 15 credits
Psychological Well-being in Organisations
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.

175.733 15 credits
Sustainable Livelihood
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.

175.734 15 credits
Child Clinical Neuropsychology
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.

175.737 15 credits
Occupational Psychology
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.

175.738 15 credits
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 role-plays.

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
The 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>Credit Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>175.800</td>
<td>120</td>
<td>MPhil Thesis: 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: 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: 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: 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: 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: 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: 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: This course requires students to review six key topics in the professional practice of I/O psychology, and to write up these reviews in 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: 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: 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: 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: 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: 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: 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: 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: 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: 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: 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>
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<tr>
<td>175.892</td>
<td>45</td>
<td>Thesis 90 Credit Part 1: 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: 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: 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: A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>175.897</td>
<td>90</td>
<td>Thesis: A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>175.899</td>
<td>120</td>
<td>Thesis: 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: 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: 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>

492 MASSEY UNIVERSITY 2018 CALENDAR
175.922 60 credits
Clinical Psychology Internship
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.

175.935 15 credits
Skills in Clinical Assessment
Provides advanced training in 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.

175.936 15 credits
Skills in Clinical Interventions
Provides advanced training in applied skills of clinical psychology interventions across the lifespan, including behavioural and cognitive behavioural interventions, family and systems approaches, and neurorehabilitation interventions.

175.991 90 credits
Thesis Part A
This research builds the student’s ability to engage in independent scientific inquiry which represents a significant contribution to knowledge and understanding in clinical psychology. In the initial stages of thesis preparation, students participate in a group seminar to review a number of specialised methodological issues that exist within clinical psychology.

175.992 90 credits
Thesis Part B
Supports continued research activities, normally involving selecting and testing participants; other data collection strategies as needed by the research design; statistical analysis of data, conceptualisation of the findings, and the development of tentative conclusions.

175.993 60 credits
Thesis Part C
Integrates the student’s emerging ability to carry out independent research of direct relevance to conceptual foundations of clinical psychology. The candidate integrates the major study with clinical follow-up study or studies of a practical nature, derived from the concurrent internship experiences.

176
SOCILOGY

176.101 15 credits
The Sociological Imagination
A foundation course in Sociology covering the key substantive aspects of contemporary society e.g. individual and social processes, globalization and social inequalities.

176.102 15 credits
New Zealand Society
An introduction to understanding social life in Aotearoa/New Zealand through the sociological investigation of selected historical and contemporary issues. In particular, social inequalities and their impact on inter-group relations and individual life chances will be explored.

176.203 15 credits
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.

176.204 15 credits
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.

176.205 15 credits
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 15 credits
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 15 credits
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 15 credits
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 15 credits
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 15 credits
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 15 credits
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 15 credits
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.

176.301 15 credits
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.

176.302 15 credits
Techniques of Social Investigation
An examination of methods of sociological research which will focus on the selection and formulation of research questions, and the collection and interpretation of data. The practical aspects of qualitative sociological research will be emphasised and students will be required to design and carry out assigned research exercises.

176.303 15 credits
Making the Nation
An examination of the discourses and politics of nationhood, with particular reference to Aotearoa New Zealand. The course focuses on the themes and content of nationalist discourses - what ‘makes up’ the nation and the national people. Major themes are national histories, traditions, geography, sport and war, gender, ethnicity, the impact of colonisation and the possibilities of a multicultural national future.
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.

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.

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 politicisation of ethnicity.

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.

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.

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 implications. Sociological aspects of social change, for example, class, ethnicity, gender, debt, globalisation and the environment. Examples will be drawn from the Pacific region.

An advanced study of methodological issues pertinent to social research. The course is designed to assist the planning of postgraduate theses and reports.

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.

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.

An examination 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.

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.

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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 implications. Sociological aspects of social change, for example, class, ethnicity, gender, debt, globalisation and the environment. Examples will be drawn from the Pacific region.

A supervisory and guided independent study resulting in a published work.

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<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
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<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>178.211</td>
<td>Methods of Economic Analysis</td>
<td>15</td>
</tr>
<tr>
<td>178.240</td>
<td>Managerial Economics</td>
<td>15</td>
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<tr>
<td>178.242</td>
<td>Land Economics</td>
<td>15</td>
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<tr>
<td>178.250</td>
<td>Contemporary Economic Issues</td>
<td>15</td>
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<tr>
<td>178.280</td>
<td>Introduction to Econometrics</td>
<td>15</td>
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<tr>
<td>178.300</td>
<td>Advanced Macroeconomics</td>
<td>15</td>
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<tr>
<td>178.301</td>
<td>Advanced Microeconomics</td>
<td>15</td>
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<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>
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<tr>
<td>178.328</td>
<td>Project Evaluation</td>
<td>15</td>
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<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>
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<tr>
<td>178.360</td>
<td>Natural Resource and Environmental Economics</td>
<td>15</td>
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<td>178.370</td>
<td>Development Economics</td>
<td>15</td>
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<tr>
<td>178.380</td>
<td>Applied Econometrics</td>
<td>15</td>
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<tr>
<td>178.702</td>
<td>Macroeconomics</td>
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<tr>
<td>178.712</td>
<td>International Monetary Economics</td>
<td>30</td>
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<tr>
<td>178.713</td>
<td>The Theory and Practice of Economics</td>
<td>30</td>
</tr>
<tr>
<td>178.718</td>
<td>Health Economics</td>
<td>30</td>
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<tr>
<td>178.724</td>
<td>Applied Econometric Methods</td>
<td>15</td>
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<td>178.732</td>
<td>Advanced Econometrics</td>
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<tr>
<td>Course Code</td>
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<tr>
<td>179.110</td>
<td>15</td>
<td>Introducing Social and Community Work Practice</td>
</tr>
<tr>
<td>179.155</td>
<td>15</td>
<td>An Introduction to Helping Skills in Social and Community Work Practice</td>
</tr>
<tr>
<td>179.210</td>
<td>15</td>
<td>Social Work Theories, Assessment and Interventions</td>
</tr>
<tr>
<td>179.230</td>
<td>15</td>
<td>The Wellbeing of Pacific Peoples in New Zealand</td>
</tr>
<tr>
<td>179.255</td>
<td>15</td>
<td>Introduction to Field Education</td>
</tr>
<tr>
<td>179.310</td>
<td>15</td>
<td>Integrated Practice with Groups and Families</td>
</tr>
<tr>
<td>179.320</td>
<td>15</td>
<td>Community Development</td>
</tr>
<tr>
<td>179.330</td>
<td>15</td>
<td>Maori Development and the Social Services</td>
</tr>
<tr>
<td>179.355</td>
<td>45</td>
<td>Field Education I</td>
</tr>
<tr>
<td>179.410</td>
<td>30</td>
<td>Social Work Fields of Practice</td>
</tr>
</tbody>
</table>

**SOCIAL WORK**

- **Global Food Markets and Trade** (15 credits)
  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.

- **Research Methods in AgriCommerce** (15 credits)
  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.

- **Environmental Economics for Non-Economists** (15 credits)
  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.

- **Economic Growth, International and Development Economics** (30 credits)
  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.

- **Economics** (15 credits)
  A study of macroeconomic and microeconomic theory in the context of a modern open economy.

- **The Economics of Knowledge and Innovation** (30 credits)
  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.

- **Research Project Part 1** (15 credits)
- **Research Project Part 2** (15 credits)
- **Research Report** (30 credits)
  Candidates are required to conduct a piece of independent research under supervision and to produce a report of the research for examination.

- **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.

- **Thesis 120 Credit Part 1** (60 credits)
- **Thesis 120 Credit Part 2** (120 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.

- **PhD Economics** (120 credits)
  An advanced study of selected theoretical models and clinical skills in professional practice with individuals, families, groups and communities.
<table>
<thead>
<tr>
<th>Course Code</th>
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</tr>
</thead>
<tbody>
<tr>
<td>179.440</td>
<td>15</td>
<td>Management in the Social Services</td>
<td>An examination of current management theory and its impact on management, administrative systems and professional practice in social service agencies.</td>
</tr>
<tr>
<td>179.455</td>
<td>45</td>
<td>Field Education II</td>
<td>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.</td>
</tr>
<tr>
<td>179.702</td>
<td>30</td>
<td>Advanced Research Methods</td>
<td>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.</td>
</tr>
<tr>
<td>179.711</td>
<td>30</td>
<td>Special Topic</td>
<td>An advanced study of current treatment and intervention models in the substance misuse and addictions area.</td>
</tr>
<tr>
<td>179.715</td>
<td>30</td>
<td>Social Service Supervision: Theory and Practice</td>
<td>An examination of the functions and practice and selected theories and models of professional social service supervision.</td>
</tr>
<tr>
<td>179.716</td>
<td>30</td>
<td>Social Service Management</td>
<td>An examination of current management theory and its application to the management, administrative systems and professional practice in social service agencies.</td>
</tr>
<tr>
<td>179.717</td>
<td>30</td>
<td>Learning in Social Service Supervision</td>
<td>An advanced study of learning in social service supervision including identity development in both the supervisor and the person supervised.</td>
</tr>
<tr>
<td>179.720</td>
<td>30</td>
<td>Clinical Supervision</td>
<td>An advanced study of selected theoretical models and clinical supervision skills in professional practice.</td>
</tr>
<tr>
<td>179.721</td>
<td>30</td>
<td>Current Issues and Theories in Social Service Practice</td>
<td>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.</td>
</tr>
<tr>
<td>179.725</td>
<td>30</td>
<td>Clinical Practice</td>
<td>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.</td>
</tr>
<tr>
<td>179.771</td>
<td>30</td>
<td>Child Welfare</td>
<td>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.</td>
</tr>
<tr>
<td>179.773</td>
<td>30</td>
<td>Disability Studies</td>
<td>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.</td>
</tr>
<tr>
<td>179.777</td>
<td>30</td>
<td>Disability, Consumer Rights and Advocacy</td>
<td>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.</td>
</tr>
<tr>
<td>179.778</td>
<td>30</td>
<td>Mental Health and Social Work</td>
<td>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.</td>
</tr>
<tr>
<td>179.781</td>
<td>30</td>
<td>Social and Community Work Theory and Practice I</td>
<td>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.</td>
</tr>
<tr>
<td>179.782</td>
<td>30</td>
<td>Social Policy Analysis</td>
<td>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.</td>
</tr>
<tr>
<td>179.783</td>
<td>30</td>
<td>Maori Development and the Social Services</td>
<td>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.</td>
</tr>
<tr>
<td>179.784</td>
<td>30</td>
<td>Social and Community Work Theory and Practice II</td>
<td>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.</td>
</tr>
<tr>
<td>179.789</td>
<td>30</td>
<td>Field Work Practice I</td>
<td>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.</td>
</tr>
<tr>
<td>179.790</td>
<td>30</td>
<td>Field Work Practice II</td>
<td>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.</td>
</tr>
<tr>
<td>179.792</td>
<td>15</td>
<td>Management in the Social Services</td>
<td>A critical examination of current management and organisational theory and its impact on management, administrative systems and professional practice in social service agencies.</td>
</tr>
<tr>
<td>179.800</td>
<td>120</td>
<td>MPhil Thesis</td>
<td>A supervised and guided independent study resulting in a published work.</td>
</tr>
<tr>
<td>179.801</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>179.802</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>179.816</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>179.817</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>179.891</td>
<td>15</td>
<td>Applied Research in Social Work</td>
<td>An advanced examination of research methods, traditions and techniques used in social work and social policy to promote best practice.</td>
</tr>
<tr>
<td>179.895</td>
<td>30</td>
<td>Research Report (30)</td>
<td>An applied study with topics selected from areas relevant to social work, social policy, and/or the social services. Selected topics must be approved.</td>
</tr>
</tbody>
</table>
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 specialty.

**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.

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**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.

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**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.

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**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.

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**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.

**188.886** 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.
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.
190.107 Human Performance 15 credits
The application of information processing strategies for improving performance in learning, problem-solving, decision-making, interpersonal interrelations, and an introduction to aviation medicine.

190.109 Aviation Studies 15 credits
An introduction to the interaction of components in the aviation system, including human resources, aircraft, airports and airways systems.

190.110 Introduction to Flying 30 credits
The first of two courses with modules in aviation law, meteorology, aircraft systems and Flight Radio-Telephone (FRTO).

190.111 Introduction to Flying I 15 credits
An integrated flight practicum with topics in aviation law, meteorology, aircraft technical knowledge, human factors and flight radio-telephone, leading to the CAA PPL examination.

190.112 Introduction to Flying II 15 credits
The second of two courses with modules in meteorology, aircraft systems and principles of flight (aerodynamics).

190.115 Introduction to Aeronautics 15 credits
An introduction to the non-practical components of airline and commercial pilots’ aeronautical knowledge. Emphasis is placed on general aircraft technical knowledge, principles of flight, aeronautical meteorology, flight procedures and aviation law.

190.116 Introduction to Management in Aviation 15 credits
An overview of management concepts in the aviation industry.

190.117 Introduction to Human Factors 15 credits
The application of information processing strategies for improving performance in learning, problem-solving, decision-making, interpersonal interrelations, coping in situational anxiety and mental rehearsal.

190.118 Aeroscience I 15 credits
An introduction to mathematical principles and basic physics as they relate to aerodynamics and aircraft systems.

190.119 Aeroscience II 15 credits
An introduction to calculus and advanced physics as they relate to aerodynamics and aircraft systems.

190.120 Aeronautical Legislation 15 credits
This course includes the integration of theory and practice for aviation regulations and law pertaining to Visual Flight Rules (VFR) and Instrument Flight Rules (IFR).

190.121 Aeronautical Meteorology 15 credits
A consideration of the meteorological hazards in aviation and the organisation of meteorological data acquisition and forecasting systems. This course includes the application of meteorological considerations for operations under visual and instrument flight rules. This is an integrated course.

190.122 Introduction to Aviation Safety Systems and Investigation 15 credits
The purposes of aviation safety systems and investigation and basic aircraft technical information relevant to initiating an investigation are introduced. National and international legislation and protocols governing aviation safety system requirements and for aviation accident and incident investigations including the broad principles and practices for conducting an investigation are covered.

190.123 Aircraft Systems I 15 credits
A study of aircraft systems for light aircraft and their performance management.

190.124 Aircraft Performance 15 credits
The study of aircraft performance management for single-engine aircraft, including propeller theory, and operational performance requirements.

190.154 Principles of Navigation II 15 credits
An in-depth study of Air Navigation principles; and the construction, properties and usage of aeronautical charts.

190.164 Aeronautical Science (AME) 15 credits
An introduction to the mathematics and physics required to satisfactorily complete the technical courses of the BAv(AM) degree.

190.189 Basic Gas Turbine Operations 15 credits
A study of the principles of operation and construction of aircraft gas turbine engines, including identification and rectification of abnormal operation. Students will practice engine starting, shutdown, and normal and emergency procedures in simulated environments (such as in the Hawker Pilot Trainer HPT flight training device). The course is designed to meet the theoretical requirements for CAA examination leading to the award of a Gas Turbine Rating.

190.201 Aircraft Systems II (Part I) 15 credits
The first of two courses about advanced multi-engine aircraft systems, including structures of heavy aircraft.

190.203 Air Traffic Control/Aviation Law 15 credits
The integration of theory and practice for Flight Operations and Flight Standards. This course will enable pilots to use the operational procedures and facilities required by civil aviation and air traffic control organisations. Students will be introduced to international aviation systems, including the Covenants of the International Civil Aviation Organisation (ICAO).

190.204 Flight Planning and Advanced Navigation (Part I) 15 credits
First of two courses on the development of practical flight planning competencies including route planning, fuel planning, load planning and flight plan amending for instrument flight operations. The use of inflight navigation techniques, instrument flight management, and search are included.

190.205 Crew Resource Management 15 credits
The development of practical competencies in crew resource management (CRM) in the professional aviation environment.

190.206 Aerodynamics I 15 credits
The first of two courses. This course introduces principles of incompressible fluid statics and fluid dynamics, basic concepts of low and high speed aerodynamics, and lift theory. It provides students with methods for calculating aerodynamic forces related to the performance of an aircraft at subsonic speeds, and details of the theory of speed of sound.

190.207 Aviation Psychology 15 credits
A detailed consideration of the application of psychological principles to flight deck performance, including a range of topics from psycho-physiology to perceptual and cognitive processes.

190.210 Aviation Safety Management 15 credits
To provide a comprehensive understanding of safety management in civil flight operations environments, particularly relating to international standards and recommended practices prescribed by the International Civil Aviation Organization (ICAO) for the design and implementation of safety management systems in aviation.

190.211 Aviation Strategic Management 15 credits
An examination of the primary issues shaping strategic management in the aviation industry. The approach is multi-disciplinary, with emphasis on the economic analysis of the effects of market deregulation and their impact on managerial practice.

190.215 Heavy Aeroplane Performance 15 credits
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>190.216</td>
<td>Aviation Human Factors</td>
<td>15</td>
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<tr>
<td></td>
<td>The course provides an overview of the basic concepts of human factors in aviation, human performance, and issues relating to judgement and decision-making in this high risk environment. Communication and other aspects of social psychology in various aviation environment are also explored.</td>
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<tr>
<td>190.217</td>
<td>Instruction and Learning in Aviation</td>
<td>15</td>
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<tr>
<td></td>
<td>An examination of learning factors as they apply to ground and airborne instruction and of instructional strategies to maximise learning outcomes.</td>
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<tr>
<td>190.220</td>
<td>Managing Airline Systems</td>
<td>15</td>
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<tr>
<td></td>
<td>An examination of the management of airline organisations.</td>
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<tr>
<td>190.221</td>
<td>Advanced Support Studies</td>
<td>15</td>
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<tr>
<td></td>
<td>A study of the global climate and of regional climates at the levels at which modern jet aircraft fly and at lower levels. It includes a discussion of the sources and interpretations of climate data. The emphasis is on aspects of climate that effect flight. Advanced topics in aviation meteorology include environmental effects of aviation and the principles of weather radar.</td>
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<tr>
<td>190.222</td>
<td>Basic Air Safety Investigation</td>
<td>15</td>
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<tr>
<td></td>
<td>The aim of this course is to give students an insight to aircraft accident investigation. The course will also benefit those who need to understand the investigation process, such as managers of airlines and regulatory authorities. The course covers the basic requirements and procedures involved in air safety investigation.</td>
<td></td>
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<tr>
<td>190.224</td>
<td>Environmental Impacts of Aviation</td>
<td>15</td>
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<tr>
<td></td>
<td>Advanced study of the environment of aviation, the impacts of aviation on the environment and the methods for reducing the impacts.</td>
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<tr>
<td>190.225</td>
<td>Introduction to Research Methods in Aviation</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>An introduction to the theories and methods of research in the aviation industry. A range of both quantitative and qualitative methodologies is explored, and various techniques for aviation research are examined.</td>
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<tr>
<td>190.237</td>
<td>Air Transport Cockpit Systems</td>
<td>15</td>
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<tr>
<td></td>
<td>This course introduces modern air transport operations including cockpit technology and systems. The practicum for this course will demonstrate significant aspects of air transport operations.</td>
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<tr>
<td>190.240</td>
<td>Air Power</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>This course provides an examination of military air power, its characteristics, history and development, including some selected air campaigns and use of Remote Piloted Aerial Systems (RPAS).</td>
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<tr>
<td>190.249</td>
<td>Aircraft Maintenance Management</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>An examination of knowledge appropriate to the management of an aircraft maintenance organisation.</td>
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<tr>
<td>190.251</td>
<td>Aircraft Systems II (Part 2)</td>
<td>15</td>
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<tr>
<td></td>
<td>The second of two courses about multi-engine aircraft systems, including advanced avionics, environmental control and gas turbine technology.</td>
<td></td>
</tr>
<tr>
<td>190.254</td>
<td>Flight Planning and Advanced Navigation (Part 2)</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>Second of two courses on the development of practical flight planning competencies, including route planning, fuel planning, load planning and flight plan amending for instrument flight operations, and for long distance heavy transport operations for B747 and B777 aircraft.</td>
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<tr>
<td>190.256</td>
<td>Aerodynamics II</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>The second of two courses. This course investigates principles of stability and control of subsonic and transonic flight, theory of supersonic aerodynamics, and the aerodynamic properties of transonic and supersonic airfoils. It provides students with the methods for analysing aerodynamic forces on the performance of aircraft at transonic and supersonic speeds, and methods for calculating air properties through supersonic waves.</td>
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</tr>
<tr>
<td>190.283</td>
<td>Aviation Law</td>
<td>15</td>
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<tr>
<td></td>
<td>This course examines the application of aviation law beyond the initial professional licence issue. The course meets the requirements for the NZ 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.</td>
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<tr>
<td>190.288</td>
<td>Advanced Aircraft Handling</td>
<td>30</td>
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<tr>
<td></td>
<td>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.</td>
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</tr>
<tr>
<td>190.297</td>
<td>Aerobic Aircraft Handling for Flight Instructors</td>
<td>30</td>
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<tr>
<td></td>
<td>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.</td>
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<tr>
<td>190.298</td>
<td>Turbo-Prop and Jet Handling</td>
<td>30</td>
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<tr>
<td></td>
<td>The theoretical and practical requirements for the safe ground and flight operation of gas-turbine powered aircraft will be examined.</td>
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</tr>
<tr>
<td>190.299</td>
<td>Aviation Special Topic</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>Flight Instructor Human Factors</td>
<td>15</td>
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<tr>
<td></td>
<td>Theory and application of human factor issues in decision-making, interpersonal relations, communication styles and personality characteristics as they affect flight deck performance in the instructional environment.</td>
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<tr>
<td>190.302</td>
<td>Check and Training for Airlines</td>
<td>15</td>
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<tr>
<td></td>
<td>This course is designed for experienced pilots wishing to develop their knowledge in airline check and training concepts.</td>
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<tr>
<td>190.306</td>
<td>Airline Strategic Management</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>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.</td>
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<tr>
<td>190.307</td>
<td>Airport Planning</td>
<td>15</td>
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<tr>
<td></td>
<td>A study of demographic, environmental and economic considerations which apply to the design and evaluation of airport facilities.</td>
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<tr>
<td>190.308</td>
<td>Airport Operational Management</td>
<td>15</td>
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<tr>
<td></td>
<td>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.</td>
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<tr>
<td>190.309</td>
<td>Design of Airways and Air Traffic Systems</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>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.</td>
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<tr>
<td>190.313</td>
<td>Advanced Aviation Human Factors</td>
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<td>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.</td>
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<tr>
<td>190.314</td>
<td>Legal Issues in Aviation</td>
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<td>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.</td>
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190.315 Flight Instruction Fundamentals I
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.

190.316 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 Positions Systems (GPS), etc.

190.317 Evaluation Methods in Aviation
The identification, development and analysis of tests and measures in aviation aptitude, achievement and licensing evaluation.

190.318 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.

190.320 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.

190.321 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.

190.327 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.

190.328 Aviation Management Practicum
Provides a practical experience in an aviation organisation, linking theory to practice.

190.335 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. BAe - ATP.

190.340 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 Special Topic

190.399 Aviation Special Topic

190.701 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 Management in Aviation Systems
A study of the roles, responsibilities 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 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 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 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 Special Topic

190.791 Special Topic

190.795 Research Project

190.890 Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work.

190.891 Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work.

190.892 Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

190.893 Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

190.894 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 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 Thesis
A supervised and guided independent study resulting in a published work.

190.899 Thesis
A supervised and guided independent study resulting in a published work.

190.900 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.

192.078 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.

192.079 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.
192.085 18 credits
Skills and Strategies for Upper Intermediate Listening and Speaking
Extends listening and speaking skills and strategies for study in an academic context.

192.088 18 credits
Skills and Strategies for Upper Intermediate Reading and Writing
Extends reading and writing skills and strategies for study in an academic context.

192.089 18 credits
Advanced Reading and Writing
Explores strategies in reading and writing. Provides opportunity for analysis of different text types and strategies for reading advanced texts.

192.090 18 credits
Expressing Complex Ideas and Relationships
Develops linguistic strategies to process complex information and express complex ideas in a wide range of contexts.

192.091 18 credits
Accessing the Community
Explores the community organisations and institutions both locally and internationally. Provides opportunities to achieve identified goals and effectively project personal identity in English. Explores idiomatic and colloquial language.

192.092 18 credits
Advanced Reading and Writing (Special Topic)
Provides opportunities to engage and interact with a wide range of text-types and produce complex texts in response. This course requires students to be highly pro active in the learning opportunities provided.

192.095 18 credits
English for Academic Purposes: Advanced
Develops advanced language and learning skills needed for tertiary study in an English-speaking environment.

192.096 18 credits
Extending Language Skills and Strategies for Tertiary Studies
Extends advanced language and learning skills needed for tertiary study in an English-speaking environment.

192.101 15 credits
English for Academic Purposes for Speakers of Other Languages
An introduction to vocabulary development, critical and analytical reading, seminar presentation, and listening and note-taking for academic purposes. This course is designed for students for whom English is a second or other language, and who are enrolled in degree/diploma programmes. It is most suitable for students who are new to an English-speaking academic environment.

192.102 15 credits
Academic Writing in English for Speakers of Other Languages
A course of study in academic English writing for international students and permanent residents for whom English is the second or other language.

193
VETERINARY NURSING

193.103 15 credits
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 0 credits
Veterinary Technology Practical Experience and Farm Training
In this course, students will undertake a week-long farm practicum, 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 15 credits
Principles and Practice of Veterinary Nursing
Theoretical and practical skills in veterinary nursing including breed identification and basic animal care, terminology, clinical examination of canine, feline, equine and bovine animals, clinical procedures, legal issues of animal care and medical records, evidence and the disciplinary process, negligence and professional conduct. An introduction to immunology.

193.124 15 credits
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 15 credits
Pathology for Veterinary Technologists
An introduction to pathology, including the relationship of altered body states to laboratory diagnosis. Use of diagnostic techniques for clinical disease in veterinary practice. Specimen collection and handling, quality control, and post-mortem techniques.

193.205 15 credits
Anaesthetic Monitoring and Equipment.

193.211 15 credits
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 15 credits
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 15 credits
Pharmacology & Toxicology for Veterinary Technologists

193.219 15 credits
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 0 credits
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 15 credits
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 15 credits
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.
193.304 Animal Welfare Emergency Management
15 credits

193.305 Advanced Animal Behaviour
15 credits
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.

193.306 Integrative Studies for Veterinary Technologists
60 credits
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.

194 PHYSIOLOGY

194.101 Essentials of Mammalian Biology
15 credits
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
15 credits
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
15 credits
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
15 credits
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
15 credits
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
15 credits
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
15 credits
The use of physiological methods, experimental design, quantification, diagnosis and value judgements 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
15 credits
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
15 credits
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
15 credits
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.

194.347 Applied Human Physiology
15 credits
A study of physiological concepts and mechanisms related to humans with an emphasis on how cells, tissues, organs and the whole body respond to internal and external environmental stressors that challenge the normal homeostatic state.

194.350 Human Lifecycle Physiology
15 credits
Advanced study of human physiology from conception to death, covering pregnancy, the foetus, birth, lactation, growth, puberty and ageing. The impact of earlier events on normal and abnormal body function later in the lifecycle will be considered.

194.703 Neurophysiology and Neuroendocrinology
30 credits
A two-semester course of self-paced guided instruction into the students’ choice of one or more of the following areas: 1. advanced concepts in neurophysiology 2. integrated topics in neurophysiology and neuroendocrinology 3. diseases affecting the brain.

194.704 Reproductive Physiology
30 credits
Emphasis will be on the hormonal control of reproduction in male and female mammals.

194.705 Digestive Physiology
30 credits
An advanced study of the physiology of digestion in monogastric and ruminant animals. The topics covered may include the mechanisms controlling digestion, functions of gastrointestinal secretions, motility of the stomach and intestines, characteristics of digestion in ruminants and absorption of nutrients.

194.707 Perinatal Physiology
30 credits
Principal features of perinatal physiology that affect the survival of newborn mammals are considered, as are some ways physiological investigations are used to devise practical methods for reducing death and debility of newborn mammals.

194.709 Conservation Endocrinology and Reproductive Biology
30 credits
The application of principles and methods in endocrinology to conservation problems will be considered, especially in relation to reproduction and to stress. The topics studied by each student can be chosen from a wide range and will include New Zealand examples.
194.731 Animal Welfare Science 30 credits

Animal Welfare Science
The contents and scope of animal welfare problems, scientific evaluations of them and the use of science to devise practical solutions are considered at an advanced level.

194.732 Advanced Cell Physiology 30 credits

Advanced Cell Physiology
An advanced course on selected topics in cell physiology. The focus is on the processes involved in maintaining cell viability, the mechanisms involved in cell motility and trafficking, intracellular and intercellular signalling, the control of cell death and opportunities for therapeutic manipulations of these processes.

194.799 Research Report 30 credits

Research Report

194.870 60 credits

Research Report

194.871 Thesis 90 Credit Part 1 45 credits

A supervised and guided independent study resulting in a published work.

194.872 Thesis 90 Credit Part 2 45 credits

A supervised and guided independent study resulting in a published work.

194.875 Thesis 90 credits

A supervised and guided independent study resulting in a published work.

194.897 Thesis 120 Credit Part 1 60 credits

A supervised and guided independent study resulting in a published work.

194.898 Thesis 120 Credit Part 2 60 credits

A supervised and guided independent study resulting in a published work.

194.899 Thesis 120 credits

A supervised and guided independent study resulting in a published work.

194.900 PhD Anatomy/Physiology 120 credits

196.205 Ecology and Conservation 15 credits

Ecology and Conservation
Terrestrial ecology and the application to conservation biology, including evolutionary ecology, population biology, species interactions, community, ecosystem and landscape ecology. New Zealand and overseas case studies are considered throughout the course. An analytical approach is taken in the field trips and laboratory work including the use of statistics to test ecological hypotheses and to identify patterns in plant and animal distributions. There is one compulsory weekend field trip.

196.207 Biological Evolution 15 credits

Biological Evolution
A general review of modern evolutionary biology and evolutionary theories, encompassing micro- and macro-evolution. The course centres on genetic and environmental processes that operate in natural populations and among species. It explores the history and development of evolutionary thinking, the origins and age of life on earth, and prehistoric biodiversity. Other topics include evolutionary changes in DNA, human evolution, origin of life, the nature of species and how species arise. Laboratory classes include a range of theoretical, practical and computing exercises in population genetics, phylogenetics and data management.

196.213 Microbial Ecology 15 credits

Microbial Ecology
Introduction to the diversity of prokaryote and eukaryote microorganisms. Population biology and community ecology including microbe-microbe, microbe-plant, and microbe-animal interactions. Adaptations of microbes to extreme environments. The role of microorganisms in biogeochemical cycles, and aspects of applied microbiology, e.g. bioremediation, biological control, composting and biogas.

196.217 Evolutionary Biology 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.

196.225 Introductory Marine Biology 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.

196.313 Limnology 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 Applied Ecology and Resource Management 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 New Zealand Plant Ecology 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 Community and Ecosystem Ecology 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 Molecular Ecology 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 Topics in Marine Ecology 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.

196.327 Marine Mammalogy 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 15 credits
Quantitative Marine Ecology
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 30 credits
Aquatic Ecology
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 30 credits
Eco
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.

196.716 30 credits
Plant Ecology
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 30 credits
Research Report
Research Report

196.870 60 credits
Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work.

196.872 45 credits
Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work.

196.875 90 credits
Thesis
A supervised and guided independent study resulting in a published work.

196.897 60 credits
Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

196.898 60 credits
Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

196.899 120 credits
Thesis
A supervised and guided independent study resulting in a published work.

196.900 120 credits
PhD Ecology

197

ART AND DESIGN STUDIES

197.119 15 credits
Coding for Creative Practice
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 15 credits
Digital Fabrication
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 15 credits
Visual Identity Systems
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 15 credits
Art and Design: Special Topic I
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 15 credits
Rapid Ideation
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 15 credits
Contemporary Design Project A
Engagement with new thinking in contemporary design research through a specific lecturer-led project.

197.238 15 credits
Interaction and Interface I
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 15 credits
Creative Ecologies I
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 15 credits
Projections: Trends and Forecasting
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 15 credits
Creative Industries
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 15 credits
Art and Design: Special Topic II
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 15 credits
Contemporary Design Project B
Engagement with new thinking in contemporary design research through a specific lecturer-led project.

197.332 15 credits
Contemporary Design Project C
Engagement with new thinking in contemporary design research through a specific lecturer-led project.

197.338 15 credits
Interaction and Interface II
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 15 credits
Creative Ecologies II
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**  
15 credits  
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**  
15 credits  
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**  
15 credits  
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**  
15 credits  
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**  
15 credits  
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**  
15 credits  
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**  
15 credits  
Engagement with new thinking in contemporary design research through a specific lecturer-led project.

197.441  
**Contemporary Design Project E**  
15 credits  
Engagement with new thinking in contemporary design research through a specific lecturer-led project.

197.442  
**Contemporary Design Project F**  
15 credits  
Engagement with new thinking in contemporary design research through a specific lecturer-led project.

197.443  
**Contemporary Design Project G**  
15 credits  
Engagement with new thinking in contemporary design research through a specific lecturer-led project.

197.465  
**Creative Futures**  
15 credits  
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**  
15 credits  
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**  
15 credits  
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 interdisciplinary to explore and combine unconventional communication design materials, methods and practices to creative interventions in public spaces.

197.490  
**Design Special Topic A**  
15 credits

197.495  
**Design Independent Study**  
15 credits  
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**  
30 credits

197.701  
**Creative Research Practices I**  
30 credits  
Introduction to creative research as a critical practice through advanced methods, processes, technologies and skills.

197.702  
**Creative Research Practices II**  
30 credits  
Development of a creative research topic area through application of advanced research methods, processes, technologies and skills.

197.703  
**Creative Research Special Topic A**  
30 credits

197.704  
**Creative Research Special Topic B**  
15 credits

197.705  
**Independent Study**  
15 credits

197.706  
**Advanced Digital Fabrication for Creative Res 1**  
15 credits  
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**  
15 credits  
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**  
120 credits  
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**  
120 credits  
A supervised and guided independent study resulting in a published work.

197.802  
**Design Thesis 120 Credit Part 1**  
60 credits  
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**  
60 credits  
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**  
60 credits  
A supervised and guided independent study resulting in a published work.

197.809  
**MPhil Thesis 120 Credit Part 2**  
60 credits  
A supervised and guided independent study resulting in a published work.
INDUSTRIAL DESIGN

198.157 Studio I (Object) 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 three dimensional form-giving, resourceful making and user experience. They will learn to discuss and evaluate their work and the work of their peers.

198.213 Furniture Design 15 credits
In this studio course students will develop skills in the design, development and production of furniture in one-off, batch or mass production. By gaining an understanding of the theoretical, historical and practical applications of the discipline, they will produce a project for a specific design context.

198.221 Modelling and Prototyping 15 credits
In this studio course students will explore issues and design considerations particular to modelling and prototyping for three-dimensional design. Through the application of skills and techniques, this course draws on a range of strategies and methods for exploring and representing the form and function of products.

198.257 Design Studio IIA (Industrial) 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 industrial design.

198.258 Design Studio IIB (Industrial) 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 industrial design. Students will further develop and apply core design techniques, skills and processes.

198.308 Industrial Design Special Topic A 15 credits
The course focuses on one specific aspect of industrial design. Offerings change from year to year or may not be offered in a particular year.

198.309 Industrial Design Special Topic B 15 credits
The course focuses on one specific aspect of industrial design. Offerings change from year to year or may not be offered in a particular year.

198.315 Product Development 15 credits
In this studio course students will explore and articulate issues and design considerations particular to the development of products for manufacture. Through a design and build project, students will explore and apply their individual and collaborative practices required to develop a product from concept to manufacture.

198.316 Transportation Design 15 credits
In this studio course students will explore and articulate issues and methods used in the design of transportation products. Using advanced methods of visualisation and representation, students will explore creative approaches to the integration of form, human and technological issues in the development of these products.

198.357 Design Studio IIIA (Industrial) 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 expand and develop industrial design concepts, techniques, skills and processes in the production of their creative work.

198.358 Design Studio IIIB (Industrial) 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 industrial design concepts, techniques, skills and processes in the production of their creative work, students will develop and apply transferable skills relevant to professional environments.

198.362 Industrial Design Visualisation 15 credits
Advanced rendering and visualisation for industrial design, focusing on developing rendering, concept development and presentation skills across a wide range of digital and traditional media.

198.453 Industrial Design Research and Development 30 credits
Research methods, processes and practices for industrial design and their application through a research project.

198.454 Industrial Design Research Project 45 credits
Development and application of research to an independent industrial design project.

198.455 Industrial Design Studio Project 45 credits
Development and realisation of an advanced industrial design project.

198.463 Industrial Design Digital Representation 15 credits
Digital design processes and their integration into design research.

198.490 Industrial Design Special Topic C 15 credits

198.495 Industrial Design Independent Study 15 credits
Supervised independent student work on a negotiated industrial design topic involving the setting of objectives, research and/or project work and the presentation of relevant written and/or practical outcomes.

ZOOOLOGY

199.101 Biology of Animals 15 credits
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 organs, 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 disinfestation.

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 Research Report 30 credits

199.870 Research Report 60 credits

199.871 Thesis 45 credits

199.872 Thesis 45 credits

199.873 Thesis 90 credits

199.874 Thesis 120 credits

199.875 Thesis 90 credits

199.876 Thesis 120 credits

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.
### CLASSICAL STUDIES

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<tr>
<td>201.103</td>
<td>Magic and Witchcraft</td>
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A multidisciplinary study of magic and witchcraft in selected societies in different time periods.
MEDICAL LABORATORY SCIENCE

202.371 15 credits
Human Genetics and Molecular and Clinical Diagnoses
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 15 credits
Histological Technique and Medical Cytology
A study of the principles and practical methodology used in the preparation and microscopic examination of tissue for histopathology. The principles of cytological 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 15 credits
Haematology
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 15 credits
Transfusion Science
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 alloantibodies, haemolytic disease, transfusion reactions including blood-borne viruses. The Major Histo compatibility Complex in the context of donor/recipient matching of organs for transplantation.

202.471 60 credits
Advanced Haematology
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, haematological cancers, bleeding and thrombotic disorders.

202.472 60 credits
Advanced Transfusion Science
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 60 credits
Advanced Histological Technique
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 60 credits
Human Cytogenetics
The study of human chromosomes, their abnormalities and relations to diseases and the pre- and postnatal diagnosis of genetic disorders.

202.477 60 credits
Immunology and Virology
The principles and methodology of techniques currently used for the diagnosis of a range of immunological diseases and viral infections.

202.478 60 credits
Advanced Clinical Biochemistry
The principles of, and clinical training in, biochemical and selected immunological laboratory techniques currently used for the diagnosis of human diseases.

BIOLOGY

202.479 60 credits
Diagnostic Medical Microbiology
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 30 credits
Current Topics in Medical Laboratory Science
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 45 credits
Research Project

202.900 120 credits
PhD Medical Laboratory Science

GENETICS

203.202 15 credits
Genetic Analysis
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 15 credits
Human Genetics
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 15 credits
Principles of Genetics
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 15 credits
DNA Technology
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.

203.798
Research Report

203.870
Research Report
60 credits

203.871
Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work

203.872
Thesis 90 Credit Part 2
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
A supervised and guided independent study resulting in a published work.

203.898
Thesis 120 Credit Part 2
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

204.900
PhD Decision Science
120 credits

FASHION DESIGN

212.100
Fashion Pattern Making
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
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 IIIB (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.

213.150 15 credits
Painting
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 15 credits
Contemporary Sculpture
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 15 credits
Contemporary Drawing
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 15 credits
Drawing the Body I
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 15 credits
Studio I (Art Lab)
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 15 credits
Studio I (Art Place)
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 15 credits
Fine Arts Special Topic II

213.241 30 credits
Art Studio IIA
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 30 credits
Art Studio IIB
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 15 credits
Contemporary Drawing Projects
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 15 credits
Drawing the Body II
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 15 credits
Contemporary Art Projects A
Engagement with new thinking in contemporary art research through a specific lecturer-led project.
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<tr>
<td>213.263</td>
<td>15</td>
<td>Contemporary Art Projects H</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Engagement with new thinking in contemporary art research through a specific lecturer-led project.</td>
</tr>
<tr>
<td>213.264</td>
<td>15</td>
<td>Contemporary Art Projects I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Engagement with new thinking in contemporary art research through a specific lecturer-led project.</td>
</tr>
<tr>
<td>213.265</td>
<td>15</td>
<td>Contemporary Art Projects J</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Engagement with new thinking in contemporary art research through a specific lecturer-led project.</td>
</tr>
<tr>
<td>213.311</td>
<td>15</td>
<td>Fine Arts Special Topic III</td>
</tr>
<tr>
<td>213.341</td>
<td>30</td>
<td>Art Studio IIIA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Art in Context</td>
</tr>
<tr>
<td></td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>213.342</td>
<td>30</td>
<td>Art Studio IIIB</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Art Studio IV A Practice</td>
</tr>
<tr>
<td></td>
<td></td>
<td>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 research project that engages in critically reflexive practice.</td>
</tr>
<tr>
<td>213.355</td>
<td>15</td>
<td>Drawing the Body III</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The development of an individual drawing project using the body as subject.</td>
</tr>
<tr>
<td>213.356</td>
<td>15</td>
<td>Contemporary Art Projects E</td>
</tr>
<tr>
<td></td>
<td></td>
<td>An investigation into new thinking in contemporary art research through a specific lecturer-led project.</td>
</tr>
<tr>
<td>213.357</td>
<td>15</td>
<td>Introduction to Fine Arts Research Methods and Practices</td>
</tr>
<tr>
<td></td>
<td></td>
<td>An introduction to a range of methods and practices for undertaking research in a fine art context.</td>
</tr>
<tr>
<td>213.358</td>
<td>15</td>
<td>Fine Arts Internship</td>
</tr>
<tr>
<td></td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>213.359</td>
<td>15</td>
<td>Contemporary Art Projects K</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Engagement with new thinking in contemporary art research through a specific lecturer-led project.</td>
</tr>
<tr>
<td>213.360</td>
<td>30</td>
<td>Fine Arts Special Topic IIB</td>
</tr>
<tr>
<td>213.411</td>
<td>15</td>
<td>Fine Arts Special Topic IV</td>
</tr>
<tr>
<td>213.440</td>
<td>30</td>
<td>Art Studio IV A Research</td>
</tr>
<tr>
<td></td>
<td></td>
<td>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 develop and present a substantial, innovative research project that engages in critically reflexive practice.</td>
</tr>
<tr>
<td>213.442</td>
<td>45</td>
<td>Art Studio IV B</td>
</tr>
<tr>
<td></td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>213.463</td>
<td>15</td>
<td>Fine Arts Research Seminar</td>
</tr>
<tr>
<td></td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>213.464</td>
<td>15</td>
<td>Art in Context</td>
</tr>
<tr>
<td></td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>213.465</td>
<td>15</td>
<td>Exhibition</td>
</tr>
<tr>
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<td></td>
<td>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.</td>
</tr>
<tr>
<td>213.702</td>
<td>30</td>
<td>Postgraduate Studio Practice II</td>
</tr>
<tr>
<td></td>
<td></td>
<td>An approved individually designed programme of advanced practice in Fine Arts.</td>
</tr>
<tr>
<td>213.703</td>
<td>30</td>
<td>Special Topic</td>
</tr>
<tr>
<td></td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>213.704</td>
<td>30</td>
<td>Fine Art Theory and Research</td>
</tr>
<tr>
<td></td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>213.706</td>
<td>30</td>
<td>Postgraduate Studio Practice I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>An individually designed programme of advanced studio practice in fine arts.</td>
</tr>
<tr>
<td>213.900</td>
<td>120</td>
<td>PhD Fine Arts</td>
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</tbody>
</table>
## HEALTH SCIENCES

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>214.003</td>
<td>Foundation Human Bioscience</td>
<td>15</td>
</tr>
<tr>
<td>214.101</td>
<td>Human Bioscience: Normal Body Function</td>
<td>15</td>
</tr>
<tr>
<td>214.102</td>
<td>Applied Sciences for Health Professionals</td>
<td>15</td>
</tr>
<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>214.131</td>
<td>Introduction to Food and Nutrition</td>
<td>15</td>
</tr>
<tr>
<td>214.201</td>
<td>Human Bioscience: Impaired Body Function</td>
<td>15</td>
</tr>
<tr>
<td>214.202</td>
<td>Pharmacology</td>
<td>15</td>
</tr>
<tr>
<td>214.209</td>
<td>Microbiology and Communicable Diseases</td>
<td>15</td>
</tr>
<tr>
<td>214.210</td>
<td>Applied Environmental Chemistry</td>
<td>15</td>
</tr>
<tr>
<td>214.211</td>
<td>Environmental Science</td>
<td>15</td>
</tr>
<tr>
<td>214.212</td>
<td>Research Methods in the Health Sciences</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>214.231</td>
<td>Nutrition for Special Populations</td>
<td>15</td>
</tr>
<tr>
<td>214.301</td>
<td>Environmental Health Risk Management for Disasters</td>
<td>15</td>
</tr>
<tr>
<td>214.302</td>
<td>Intervention and Prevention Strategies in Health</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>214.313</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>
<tr>
<td>214.317</td>
<td>Environmental Health</td>
<td>15</td>
</tr>
</tbody>
</table>

*Notes:*
- Foundation Human Bioscience introduces the core concepts in human biology and basic physiology.
- Human Bioscience: Normal Body Function focuses on human body structure and function (anatomy and physiology), including relevant concepts of homeostasis and metabolism and development throughout the lifespan.
- Applied Sciences for Health Professionals cover basic scientific concepts relevant to maintaining human and environmental health.
- Introduction to Environmental Health and Housing covers concepts of Environmental Health, including current application, key knowledge of construction industries, and practice relevant to failure, deterioration, and dilapidation. Legislation and codes of practice will be emphasised.
- Chemistry in the Environment explores aspects of chemistry including chemical analysis, important chemicals, which affect health, and people interacting with the environment. Environmental and occupational hazards associated with the manufacture, use, and storage of chemicals are also included.
- Introduction to Food and Nutrition examines the effect of social, cultural, and psychological factors on food habits, a brief study of foodstuffs, and basic principles of human nutrition, introducing food safety and food preservation.
- Human Bioscience: Impaired Body Function covers the aetiology of disease and alteration of health status through relevant scientific clinical tests, including the role of microorganisms in disease processes.
- Pharmacology studies pharmacokinetics and pharmacodynamics, adverse drug effects, drug interactions, prescription, and non-prescription medication and calculation of drug dosages.
- Microbiology and Communicable Diseases discuss fundamental concepts and applications of microbiology and important communicable diseases from an environmental health perspective.
- Applied Environmental Chemistry is an interdisciplinary study of the environment and our place in it, encompassing basic concepts and principles of environmental science, understanding environmental and resource problems, and possible solutions to these.
- Research Methods in the Health Sciences focuses on the systematic process of identifying research problems, formulating hypotheses, qualitative and quantitative techniques for the collection and analysis of data, and the ethics of research in the field of health. Development of a research proposal is also included.
- Toxic Substances, Human Health and the Environment study the interactions of key substances with the human body and the ecosystem. It provides an overall understanding of the terminology, principles, concepts, and methodologies, discusses applications to human or environmental toxicological risk assessment.
- Food Safety and Human Health introduces students to 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, which will be examined. It includes a study of relevant organisations involved in the food industry.
- Environmental and Public Health Law covers 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, with special focus on the RMA (1991) and Health Act (1956).
- Nutrition for Special Populations explores applications of food and nutrition principles to special populations throughout the lifecycle and different ethnic groups in New Zealand. It provides a basic knowledge of scientific reasoning behind recommendations, including some factors influencing food choice amongst the populations, which will be examined. The course also includes skills in critically evaluating food and dietary supplements.
- Environmental Health Risk Management for Disasters covers advanced theory and practice in environmental health risk management applicable to typical disaster and humanitarian relief scenarios.
- Intervention and Prevention Strategies in Health examines 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 are focused on critical analysis on their role as part of a prevention strategy in protecting health, delaying progression of illness, or improving quality of life.
- Epidemiology and Communicable Diseases study the nature of important communicable diseases and the factors that influence occurrence, prevention, and control of infectious diseases. Examination of the major reasons for disease emergence and resurgence, concepts, and applications of epidemiology related to infectious and non-infectious agents.
- Environmental Monitoring and Investigative Methods cover applications of monitoring and investigative methods used to measure various health effects indicators and aetiological agents in environmental samples. Laboratory and field tests on samples are also included in relation to the appropriate standards and guidelines.
- Water and Waste Treatment provides water treatment for drinking water supplies and public bathing facilities, treatment and disposal of liquid (e.g. sewage) and solid wastes, and applications of food safety, HACCP, inspection and assessment techniques.
- Bio-Physical Effects of Noise and Vibration cover sources, propagation, and measurement, measurement of effect 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 are included.
- Environmental Health examines the 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. It involves an applied component which could embrace a variety of practical situations related to Human Health and the Environment, undertaken within any sector which has a role in the administration or practice of Environmental Health.
214.331 15 credits  
**Food Choice and Nutrition Promotion**  
Examination of factors affecting food choice, including cultural, economic, political, psychological, physiologic and organoleptic. Methods used to promote and enable dietary change will be examined. Aims, methods and evaluation of nutrition interventions will be discussed. Emphasis will be given to the current New Zealand situation.

214.333 15 credits  
**Interaction between Genes, Environment and Health**  
This course examines selected epigenetic phenomena, responsive to environmental influences including nutrition, toxins and social circumstances, the mechanisms controlling these effects and their phenotypic outcomes. The differences between genetic and epigenetic influences on gene expression, the range of epigenetic mechanisms used to regulate gene expression, how epigenetic modifications are propagated, and the phenotypic consequences on health and disease are explored.

214.334 15 credits  
**Nutrition & Health in the 21st Century**  
An overview of the relationship between diet, health and disease with a particular focus on non-communicable diseases of the 21st century such as cardiovascular disease, diabetes and dementia. The role of nutrition in affecting oxidative stress and gut microbiota and the implications for health.

214.335 15 credits  
**Food Politics**  
World food supply, hunger, sustainability, equity, food security. Impact of food industry, politics and consumers on food supply. Trade, economics, globalisation, threats and opportunities affecting the food supply.

214.771 30 credits  
**Special Topic**

214.772 30 credits  
**Advanced Topics in Food Quality**  
Critical reviews, case studies, advanced study and/or research into selected aspects of food quality.

214.773 30 credits  
**Advanced Topics in Water Quality**  
Critical reviews, case studies, advanced study and/or research into selected aspects of water quality.

214.774 30 credits  
**Advanced Topics in Sound and its Reception**  
Critical reviews, case studies, advanced study and/or research into selected aspects of sounds and its reception.

214.775 30 credits  
**Advanced Topics in Environmental Health**  
Critical reviews, case studies, advanced study and/or research into selected aspects of environmental health.

214.777 30 credits  
**Advanced Topics in Air Quality**  
Critical reviews, standards, advanced study and/or research into selected aspects of air quality.

214.781 30 credits  
**Advanced Topics in Health Science**  
Critical reviews, standards, advanced study and/or research in a selected area of health science.

214.798 30 credits  
**Research Report**

214.897 60 credits  
**Thesis 120 Credit Part 1**  
A supervised and guided independent study resulting in a published work.

**COMPUTER AIDED DESIGN**

214.898 60 credits  
**Thesis 120 Credit Part 2**  
A supervised and guided independent study resulting in a published work.

**HEALTH SCIENCES**

214.899 120 credits  
**Thesis**  
A supervised and guided independent study resulting in a published work.

214.900 120 credits  
**PhD Health Sciences**
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>218.280</td>
<td>15</td>
<td>Construction Operations and Control</td>
</tr>
<tr>
<td></td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>218.311</td>
<td>15</td>
<td>Construction Contract and Financial Administration</td>
</tr>
<tr>
<td></td>
<td></td>
<td>An introduction to construction procurement methods, contractual arrangement methods, contractual risk assessment, and construction contract and subcontract administration including the financial administration.</td>
</tr>
<tr>
<td>218.313</td>
<td>15</td>
<td>Construction Innovation and Building Information Modeling</td>
</tr>
<tr>
<td></td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>218.315</td>
<td>15</td>
<td>Construction Law</td>
</tr>
<tr>
<td></td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>218.340</td>
<td>30</td>
<td>Construction Research Project</td>
</tr>
<tr>
<td></td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>218.374</td>
<td>15</td>
<td>Construction Technology: Multi-Storey</td>
</tr>
<tr>
<td>218.414</td>
<td>15</td>
<td>Construction Planning and Scheduling</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Principles and practice of construction project planning, programming, scheduling and risk analysis.</td>
</tr>
<tr>
<td>218.710</td>
<td>15</td>
<td>Advanced Construction Planning and Scheduling</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Advanced principles and practice of construction project planning, scheduling and risk analysis.</td>
</tr>
<tr>
<td>218.720</td>
<td>15</td>
<td>Advanced Construction Site Operations and Control</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Advanced principles and practice of construction project site planning and organisation, site operations, progress monitoring and control.</td>
</tr>
<tr>
<td>218.730</td>
<td>15</td>
<td>Construction Project Management</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Advanced construction project management principles and practice.</td>
</tr>
<tr>
<td>218.741</td>
<td>15</td>
<td>Light &amp; Lighting</td>
</tr>
<tr>
<td></td>
<td></td>
<td>This course considers photometric concepts and develops the principles of light control and distribution. Human visual processes are considered and colour science is introduced.</td>
</tr>
<tr>
<td>218.742</td>
<td>15</td>
<td>Lamps and Luminaires</td>
</tr>
<tr>
<td></td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>218.743</td>
<td>15</td>
<td>Interior Lighting Design</td>
</tr>
<tr>
<td></td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>218.744</td>
<td>15</td>
<td>Energy Efficient Lighting and Exterior Lighting Design</td>
</tr>
<tr>
<td></td>
<td></td>
<td>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 work 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.</td>
</tr>
<tr>
<td>218.761</td>
<td>15</td>
<td>Design and Management of Healthy Buildings</td>
</tr>
<tr>
<td></td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>218.763</td>
<td>15</td>
<td>Construction Law I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>218.764</td>
<td>15</td>
<td>Construction Law II</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Specialist areas of construction law including contractual risk analysis, comparative construction contracts, modern plain English drafting, subcontracting, and construction contract administration.</td>
</tr>
<tr>
<td>218.765</td>
<td>15</td>
<td>Construction Adjudication</td>
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<tr>
<td></td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>218.780</td>
<td>15</td>
<td>Construction Commercial Management I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Pre Contract financial management of construction projects, including feasibility, procurement and tendering.</td>
</tr>
<tr>
<td>218.781</td>
<td>15</td>
<td>Construction Commercial Management II</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Commercial management of construction projects including aspects relating to change management, value management, cost management, financial risk management, time management and claims management.</td>
</tr>
<tr>
<td>218.810</td>
<td>45</td>
<td>Research Report</td>
</tr>
<tr>
<td></td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>218.820</td>
<td>60</td>
<td>Dissertation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>218.821</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>218.822</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>218.830</td>
<td>90</td>
<td>Thesis</td>
</tr>
<tr>
<td></td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>218.900</td>
<td>120</td>
<td>PhD Construction</td>
</tr>
</tbody>
</table>
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.

219.208 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.
219.702 Management Communication 30 credits
This course examines a range of issues concerned with the means by which communication processes can be managed by organisations.

219.703 Advanced Business Communication 30 credits
An exploration of appropriate theory and practice of business communication in New Zealand organisations. Theory is linked to practice through the analysis of case studies or other applied methods.

219.704 Advanced Cross-Cultural Communication 30 credits
This course uses cross-cultural theory and research to focus on ways of developing cross-cultural effectiveness. Areas of study from which students can choose assignment topics include culture and change, biculturalism, negotiation and globalisation.

219.705 Advanced News Media Processes 30 credits
A critical examination of news media processes, with a particular concentration on the New Zealand media industries, incorporating both theoretical approaches and practical applications. Particular attention is paid to the role of the journalist, ownership and ethics.

219.706 Advanced Public Relations 30 credits
A critical assessment of the theory and practice of public relations overseas and in New Zealand. Particular attention is paid to corporate public relations, issues management, public policy and ethical concerns. The course has a strong practical element.

219.707 Political Communication 30 credits
This course is a critical and theoretical inquiry into the nature of contemporary political communication.

219.708 Advanced Journalism Issues 30 credits
The course develops an understanding of advanced journalism theory in specified topic areas and builds students’ ability to produce and analyse diverse journalism practices within contemporary communication contexts.

219.710 Persuasive Communication Practice 30 credits
This course provides students with the ability to critically examine processes of interpersonal influence in a broad variety of internal and external organisational settings. Through an exploration of a wide range of theories of persuasive communication and extensive application and practice, students develop skills and knowledge to be more sophisticated consumers and producers of persuasive messages, particularly in the context of everyday negotiation.

219.711 Shorthand 0 credits
Students study shorthand for this zero-credit, competency-based course. Students also study and apply correct techniques to prevent Occupational Overuse Syndrome while working.

219.712 Print News Journalism 30 credits
Students study the theory and practice of gathering and writing news journalism for publication, including generating news-story ideas, gathering the relevant information, writing these news stories, and publishing them in mainstream media outlets. Students critically reflect on their experiences, making links to the relevant scholarly literature.

219.713 Multi-media Journalism 30 credits
Students study the theory and practice of news reporting for various non-print media platforms, including radio, video, photography and the internet. Students critically reflect on the role and function of new media practices, including the use of social media.

219.714 Media Law, Ethics and Workplace Practice 30 credits
Students study and critically reflect on the principles of media law and ethics with regard to journalistic material, including their own stories. Students undertake journalistic work experience, including reporting on legal cases before the courts and decision-making in local government.

219.715 Research Methods in Journalism 30 credits
Students consider the research methods and tools relevant to the critical study of journalism. Students critically reflect on the contemporary and historical role of journalism in society, including reporting on diversity. Students investigate and write a substantial piece of investigative journalism, including a section that critically reflects on the process.

219.716 Public Relations Research Methods 15 credits
An application of contemporary research methods to the demands of public relations practice in both local and transnational campaigns.

219.717 Digital Innovation and PR Management 30 credits
A critical examination of trends in public relations application of mobile and social media to inform communication planning. Students critically reflect on the implications of the rapid evolution of digital platforms for their own practice.

219.718 Reputational Risk and Ethics 30 credits
An evaluation of the implications of reputation management practices and an analysis of how reputation risk can be identified and managed in an ethical fashion as part of an organisation’s enterprise-wide risk management framework under the direction of the board.

219.719 Public Relations Analytics 30 credits
Analytical techniques and strategies for PR practitioners using traditional, web, mobile and social media are explored, including the responsible interpretation and communication of the findings ‘big data’ makes and does not make possible.

219.720 Global Public Relations Management 30 credits
This course identifies and analyses how global public relations management is shaped by emerging technologies, national cultures and diplomacy. A comparative study of public relations practice in different countries is based on an international study trip.

219.721 Transdisciplinary Communication Research Methods 30 credits
An advanced introduction to selected communication research traditions and methods. Transdisciplinary competency in applied communication research is developed through the evaluation and application of different methodologies to communication research challenges.

219.722 Research Methods in Communication 30 credits
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.

219.799 Research Report 30 credits
Students are required to conduct a piece of independent research.

219.820 Applied Public Relations Project 45 credits
In this capstone course students apply their learning from the degree programme to developing a critically informed public relations activity plan for a selected organisation.

219.850 Thesis 120 credits
The supervised undertaking of an original piece of research in communication management.

219.851 Thesis 120 Credit Part 1 60 credits
A supervised and guided independent study resulting in a published work.

219.852 Thesis 120 Credit Part 2 60 credits
A supervised and guided independent study resulting in a published work.

219.853 Thesis 90 Credit Part 1 45 credits
A supervised and guided independent study resulting in a published work.

219.854 Thesis 90 Credit Part 2 45 credits
A supervised and guided independent study resulting in a published work.
Course Details

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.

219.899  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.

219.900  Thesis  90 credits
A supervised and guided independent study resulting in a published work.

219.907  Thesis 120 Credit Part I  60 credits
A supervised and guided independent study resulting in a published work.

219.908  Thesis 120 Credit Part 2  60 credits
A supervised and guided independent study resulting in a published work.

219.909  Thesis  120 credits
A supervised and guided independent study resulting in a published work.

219.900  PhD Communication and Journalism  120 credits

Photography

221.100  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.

221.220  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
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.

221.291  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 portraiture 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 III (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.
221.455 Photography Studio Project
Development and realisation of an advanced photographic design project

221.456 Photography and the Archive
A studio-based course that examines photography’s engagement with the ‘archive’ as a cultural repository. Students will investigate the social, political and historical uses of archives through photography.

221.457 Photography and Visuality
A studio-based course that examines photography’s historical and contemporary relationships with vision and visuality. Students will discuss the impact of visual representations on contemporary life and they will develop this discussion through verbal presentations, written work and in the execution of a body of experimental photographic images.

221.495 Photography 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.

VISUAL COMMUNICATION DESIGN

222.103 Social Media Culture
In this studio course students will focus on issues and design considerations particular to social media. They will begin to acquire specific techniques, skills and processes for exploring and producing engaging content for network media, emerging technologies and digital culture.

222.104 Printmaking
In this studio course students will focus on issues and design considerations particular to printmaking. Students will acquire specific printmaking techniques, skills and processes to gain competence in this hands-on medium.

222.157 Studio I (Screen)
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 that form the basis of digital screen areas such as video, web, animation, interaction and emerging technologies. They will learn to discuss and evaluate their work and the work of their peers.

222.158 Studio I (Type)
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 a range of visual communication environments, using type. They will learn to discuss and evaluate their work and the work of their peers.

222.207 Bookmaking
In this studio course students will explore and articulate issues and design considerations particular to the practice of bookmaking. Through the application of techniques and skills, in a process of construction, students will develop an understanding of the history, architecture and material nature of the book.

222.208 Letterpress
In this studio course students will explore and articulate issues and design considerations particular to letterpress technologies. Students will develop and apply techniques, skills and processes in letterpress typography and print production.

222.215 Brand Communication
In this studio course students will learn history and methods particular to practices of brand positioning and marketing communication. Students will apply fundamentals of brand strategy to the process of differentiating branded offerings through design.

222.225 Story and Narration
In this studio course students will explore and articulate issues and creative considerations particular to narration and narrative theory. Students will develop and apply techniques, skills and processes in the use of storytelling in their creative practice.

222.232 Character Design
In this studio course students will explore the unique area of character creation, design and production. Following an investigative process, students will develop an original character that is meaningfully placed within a social or fantastical context.

222.246 Icons, Pictograms and Symbols
In this studio course students will explore and articulate issues and design considerations particular to communication using icons, pictograms and symbols. Students will develop and apply techniques, skills and processes in visually communicating without written words.

222.248 Typographic Systems
In this studio course students will explore and articulate issues and design considerations particular to managing complex information. Students will develop and apply techniques, skills and processes in communicating through text, symbol, colour and form.

222.257 Design Studio II A (Visual Communication)
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 visual communication design.

222.258 Design Studio II B (Visual Communication)
In this studio course students will continue to explore and articulate creative responses to design challenges through critical inquiry into contemporary issues relevant to visual communication design. Students will further develop and apply core design techniques, skills and processes.

222.290 Visual Communication Design Special Topic I
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.

222.291 Visual Communication Design Special Topic II
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.

222.300 Typeface Design
In this studio course students will explore and articulate design considerations and issues particular to the practice of type design. Students will investigate and employ analogue and digital techniques in the process of crafting and developing a family of letterforms.

222.312 Art Direction
In this studio course students will learn art direction practices for the resolution of conceptual executions with an emphasis on typography, image narrative and advertising design hierarchies. Students will explore art direction techniques and processes applied to print and digital media encompassing visual culture theory and practical skills.

222.313 Copywriting
In this studio course students will establish a critical position through the authority of words to inform, challenge or communicate a narrative within the broad spectrum of visual communication design. Students will explore the expressive characteristics of words and their potential to influence through themes relating to textual creativity and narrative in communication design.

222.314 Strategies for Communication
In this studio course students will develop visual communication strategies in response to specific challenges using both traditional and new media. Students will apply a range of critical and design-thinking techniques to consolidate and expand their strategies in order to provide innovative solutions applicable to a targeted audience.
222.316 **Identity Systems** 15 credits
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 **Sequential Art** 15 credits
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 **Concept Design for Imaginary Worlds** 15 credits
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 **Editorial Design** 15 credits
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 **Narrative Information Design** 15 credits
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 **Wayshowing** 15 credits
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 **Design Studio IIIA (Visual Communication)** 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 visual communication design concepts, techniques, skills and processes in the production of their creative work.

222.358 **Design Studio IIIB (Visual Communication)** 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 visual communication design concepts, techniques, skills and processes in the production of their creative work, students will develop and apply transferable skills relevant to professional environments.

222.390 **Visual Communication Design Special Topic A** 15 credits
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 **Visual Communication Design Special Topic B** 15 credits
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 **Visual Communication Design Special Topic C** 15 credits

222.408 **Experiential Information Design** 15 credits
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 **Contemporary Letterpress** 15 credits
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 **Art Direction for Advertising** 15 credits
Art direction strategies, methods and visual techniques for advertising and promotional communication.

222.413 **Rhetoric and Persuasion** 15 credits
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 **Dynamic Identities** 15 credits
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 **Image and Identity** 15 credits
In this studio 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 **Illustration Studio Practice** 15 credits
Advanced exploration and application of illustrative processes, methods and strategies to a range of complex issues.

222.449 **Spatial Type** 15 credits
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 **Visual Communication Design Research and Development** 30 credits
Application of research methods and processes to investigate social, cultural, aesthetic and technical issues and strategies in an advanced visual communication design project.

222.454 **Visual Communication Design Research Project** 45 credits
Application of research to the development and production of an approved independent visual communication design project.

222.455 **Visual Communication Design Studio Project** 45 credits
Development and realisation of an advanced visual communication design project.

222.490 **Visual Communication Design Special Topic D** 15 credits

222.491 **Visual Communication Design Special Topic E** 15 credits

222.492 **Digital Media Special Topic** 15 credits

222.494 **Graphic Design Special Topic** 15 credits

222.496 **Visual Communication Design Special Topic F** 15 credits

222.497 **Visual Communication Design Special Topic G** 15 credits

222.499 **Independent Visual Communication Design Study** 15 credits
Independent student work is undertaken on an approved course of study involving research and/or project work in visual communication design.
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**TEXTILE DESIGN**

223.157  
*Studio I (Material)*

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*

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*

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*

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)*

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)*

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*

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*

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*

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)*

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)*

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*

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*

Students will explore embroidery and advanced technologies for the production of innovative fashion textiles.

223.412  
*Sustainable Colouration*

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*

Research methods processes and practices for Textile Design and their application through a research project.

223.454  
*Textile Design Research Project*

Application of research to the development and production of an approved textile design project.

223.455  
*Textile Design Studio Project*

Development and realisation of an advanced textile design project.

223.490  
*Textile Design Special Topic C*

223.491  
*Textile Design Special Topic D*

223.495  
*Textile Design Independent Study*

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)*

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*

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*

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)*

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)*

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*

This 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*

This 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.
**Game Space**
15 credits

In this studio course students will focus on the development of real-time interactive digital environments using game technology. The design constraints and opportunities of game engines will be explored through the development of a range of digital spatial environments.

**Furnishings**
15 credits

In this studio course students will, through a process of research-driven practice, investigate design issues particular to fashion, textiles and interior design. Students will apply their research in the production of concepts or prototypes for furnishings or furniture that radicalises the conventions of clothing and the interior.

**Design Studio IIIA (Spatial)**
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 spatial design concepts, techniques, skills and processes in the production of their creative work.

**Design Studio IIIB (Spatial)**
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 spatial design concepts, techniques, skills and processes in the production of their creative work, students will develop and apply transferable skills relevant to professional environments.

**Spatial Design Research and Development**
30 credits

Research methods, processes and practices for Spatial Design and their application through a research project.

**Spatial Design Research Project**
45 credits

Application and development of research in an independent spatial design project.

**Spatial Design Studio Project**
45 credits

Development and realisation of an advanced spatial design project.

**Spatial Design Special Topic C**
15 credits

The course focuses on particular aspects of advanced Spatial Design. Offerings change from year to year or may not be offered in a particular year.

**Spatial Design Independent Study**
15 credits

Supervised independent student work on a negotiated topic related to spatial design involving the setting of objectives, research and/or project work and the presentation of appropriate written and/or practical outcomes.

**Veterinary Science**

**Animal Production, Behaviour, Welfare and Handling**
16 credits

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.

**Veterinary Professional Studies**
7 credits

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 collegial and effective veterinarian.

**Integrative Studies in Veterinary Science I**
12 credits

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.

**Veterinary Structure and Function II**
46 credits

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.

**Introductory Veterinary Clinical Studies I**
10 credits

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.

**Integrative Studies in Veterinary Science II**
12 credits

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 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 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.

**Animal Production for Veterinarians I**
15 credits

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.

**Veterinary Infectious and Parasitic Diseases I**
10 credits

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.

**Veterinary Practice I**
12 credits

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 BVSc Farm Practical Work 0 credits

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 Farm Animal Population Health and Production 22 credits

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 Veterinary Infectious and Parasitic Diseases II 19 credits

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 Veterinary Anatomical and Clinical Pathology I 21 credits

General pathology. Anatomical 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 Introductory Veterinary Clinical Studies II 16 credits

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 Small Animal and Equine Medicine, Surgery and Therapeutics I 18 credits

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 Integrative Studies in Veterinary Science V 12 credits

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 Integrative Studies in Veterinary Science IV 12 credits

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 BVSc Veterinary Practical Work 0 credits

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 Veterinary Anatomical and Clinical Pathology II 16 credits

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 Integrative Studies in Infectious Diseases 6 credits

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 Cattle Health, Production, Population Medicine and Therapeutics II 12 credits

Medicine, surgery, management and productivity of beef and dairy cattle. Farm management and production systems and the relationship between management systems, productivity and patterns of disease. The aetiology, pathogenesis, diagnosis and treatment of disease; restoration of animals to normal levels of productivity. The application of health and production programmes to beef and dairy cattle.

227.414 Small Animal and Equine Medicine, Surgery and Therapeutics II 25 credits

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.

227.416 Production Animal Medicine and Veterinary Public Health 12 credits

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 Small Animal and Equine Medicine, Surgery and Therapeutics III 25 credits

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 (dogs, cats and horses).

227.418 Integrative Studies in Veterinary Science VII 12 credits

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 Integrative Studies in Veterinary Science VI 12 credits

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.
228.511 Veterinary Clinics and Public Health
Tuition, demonstration and clinical experience in surgery, anaesthesia, medicine, epidemiology and theriogenology of domestic animals; health and management of production animals; diagnostic procedures, including imaging, necropsies and laboratory tests; and diagnostic reasoning. Professional ethics and legislative obligations to the public and state; the role of veterinary professional organisations and veterinarians as communicators and educators, veterinary business management and the maintenance of physical and mental fitness as a veterinarian. Principles and practical applications of veterinary public health, meat hygiene and quality assurance programmes to meet national and international standards will also be taught. Opportunities for students to gain further experience in chosen areas of interest.

TECHNOLOGY AND ENGINEERING

228.110 Practicum I
0 credits
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 Engineering Practice 1: Global Perspectives
15 credits
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 Engineering Practice 2: Creative Solutions
15 credits
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 Introductory Engineering Studies
15 credits
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 Engineering Mathematics 1A
15 credits
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 Engineering Mathematics 1B
15 credits
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 Practicum II
0 credits
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.
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 package 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, paperboard, 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 examines the availability and distribution of various renewable 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 global environmental issue that has potentially major implications for all life on earth, including human society. In recent years the subject of climate change has produced an intense international debate over the scientific basis of the measurements and predictions. The policy responses need to be understood in the context of the science and the controversy. This is a dynamic and controversial area and the subject matter and resource materials are undergoing frequent reassessment and change. Many of the sources are only available as research papers or from the web sites of researchers and government agencies.

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 renewable 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).
HUMANITIES AND SOCIAL SCIENCES

230.001  
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.

230.002  
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.

230.102  
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.

230.110  
Taranawaae: Identity & Belonging in Aotearoa NZ  15 credits
This course examines formations of identity and belonging in relation to concepts of place and tāra-nawaae (‘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.

230.111  
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.

230.112  
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.

230.121  
Future State: New Zealand in the 21st Century  15 credits
An inter-disciplinary exploration of the pressing social, political and economic issues (present and future) facing New Zealand in the 21st century such as globalisation, inequality and environmental challenges from the perspectives of the social science disciplines of geography, anthropology, sociology and politics.

230.210  
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.

230.291  
Special Topic HSS  15 credits

230.292  
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230.301  
Social Science at Work  15 credits
An advanced course in the application of social science knowledge to real world challenges faced by local social agencies and organisations.

230.310  
Tu Tira Mai: Practicing Engagement  15 credits
The questions of and possibilities for agency and action form the core of this course, through an enquiry-based exploration of the capacities of the humanities and social sciences for action, intervention and contribution in professional and community contexts. The course also covers the

ENERGY EFFICIENCY (Industrial and Commercial Technology)  
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.

INTEGRATED ENERGY RESOURCE PLANNING  
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 Integrated 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  
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  
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  

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RESEARCH METHODS IN ENGINEERING  
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  
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  
A research dissertation on an agreed topic.

RESEARCH REPORT  
Research in a defined area of Technology and Engineering.

THESIS 120 CREDIT PART 1  
A supervised and guided independent study resulting in a published work.

THESIS 120 CREDIT PART 2  
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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**

**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.
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

The theory and practice of public health in an international context. Topics include intervention implementation, global health, public health practice and policy, resource allocation, international health management, international and national policy, and practical health issues.

Communicable Disease Prevention and Control

Prevention and control of communicable disease, including epidemiology, international public health, and pandemic planning.

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.

Foundations of Public Health Practice

This course presents 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.

Health Systems and Policy

This course uses 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.

Public Health Intervention Management

This course aims to provide students with the conceptual, analytical and strategy planning tools necessary for effective public health intervention management in practice. Intervention management (assessment, 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.

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 interpretation, application and conduct of public health research in practice settings, using systematic and critical analysis approaches to public health research.
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**

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**

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**

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**

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)**

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.

**232.816 Thesis 120 Credit Part 1**

A supervised and guided independent study resulting in a published work.

**232.817 Thesis 120 Credit Part 2**

A supervised and guided independent study resulting in a published work.

**232.818 Public Health Praxis 1**

A capstone practicum in the public health environment involving supervised and team-based work on defined and contemporary public health issues.

**232.819 Public Health Praxis 2**

An integrative capstone practicum in the public health environment involving supervised and team-based work on defined complex contemporary public health issues.

**232.820 Public Health Thesis**

A supervised and guided independent study designed to lead to a published work.

**232.821 Public Health Thesis 90 Pt 1**

A supervised and guided independent study designed to lead to a published work.

**232.822 Public Health Thesis 90 Pt 2**

A supervised and guided independent study designed to lead to a published work.

**232.895 Research Project**

A supervised and guided independent study resulting in a published work.

**ECOLOGY**

**232.701 Conservation Biology**

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**

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.

**ZOOLOGY**

**232.704 Wildlife Disease**

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**

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**

A supervised and guided independent study resulting in a published work.

**232.870 Research Report**

A supervised and guided independent study resulting in a published work.

**232.871 Thesis 90 Credit Part 1**

A supervised and guided independent study resulting in a published work.

**232.872 Thesis 90 Credit Part 2**

A supervised and guided independent study resulting in a published work.

**232.875 Thesis**

A supervised and guided independent study resulting in a published work.

**232.897 Thesis 120 Credit Part 1**

A supervised and guided independent study resulting in a published work.

**232.898 Thesis 120 Credit Part 2**

A supervised and guided independent study resulting in a published work.

**232.900 PhD Conservation Biology**

A supervised and guided independent study resulting in a published work.
### EARTH SCIENCE

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
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<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>233.301</td>
<td>Advanced Remote Sensing</td>
<td>15</td>
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<tr>
<td>233.302</td>
<td>Earth Science Field Work III</td>
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<tr>
<td>233.310</td>
<td>Pedology and Quaternary Geology</td>
<td>15</td>
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<tr>
<td>233.350</td>
<td>How the Earth Works</td>
<td>15</td>
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<tr>
<td>233.701</td>
<td>Advanced Pedology</td>
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<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>
</tbody>
</table>

#### 233.350 How the Earth Works
The principles of plate tectonics, rock deformation, and regional and global tectonic geology.

#### 233.701 Advanced Pedology
An advanced course in processes of soil formation, soils in the landscape, soil classification systems, techniques of description and mapping of soils, soil stratigraphy and properties of soils.

#### 233.705 Volcanology and Tephrochronology
An advanced course investigating physical volcanology and tephrochronology, including tephra identification, tephra fingerprinting, volcanic mineralogy and geochemistry, and volcanic hazards.

#### 233.706 Environmental Geographical Information Systems
Application of geospatial analytical techniques within the environmental sciences, with particular emphasis on cartographic modelling, data fusion, database query, decision support and image integration.

### GEOCHEMISTRY

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Description</th>
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<tbody>
<tr>
<td>233.205</td>
<td>Geochemistry</td>
<td>A study of the Earth’s geochemical systems, including igneous geochemistry and stable and radiogenic isotope systems. Absolute and relative geochronological methods are a key aspect of this course. Fundamental geochemical concepts, sample preparation, and the use of geochemical standards will be discussed. Analytical techniques of importance to geochemistry will be examined.</td>
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</table>

#### 233.710 Geology, Hazard & Society: Environmental Geology A
The Earth’s finite water, soil, mineral and energy resources: engineering geology, geological hazards and hazard assessments; geohydrology and water management.

#### 233.711 Applied Environmental Geology: Environmental Geology B
The Earth’s finite water, soil, mineral and energy resources: geology in relation to plant, animal and human health, mining and the environment, artisanal and small-scale mining.

### RESEARCH REPORTS

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Description</th>
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<tbody>
<tr>
<td>233.799</td>
<td>Research Report</td>
<td>A supervised and guided independent study resulting in a published work.</td>
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<td>233.872</td>
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<td>A supervised and guided independent study resulting in a published work.</td>
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<td>233.875</td>
<td>Thesis</td>
<td>A supervised and guided independent study resulting in a published work.</td>
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<td>233.897</td>
<td>Thesis 120 Credit Part 1</td>
<td>A supervised and guided independent study resulting in a published work.</td>
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<tr>
<td>233.898</td>
<td>Thesis 120 Credit Part 2</td>
<td>A supervised and guided independent study resulting in a published work.</td>
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### PHD EARTH SCIENCE

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<td>Research Report</td>
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<td>233.897</td>
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<tr>
<td>233.898</td>
<td>Thesis 120 Credit Part 2</td>
<td>60</td>
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<tr>
<td>233.899</td>
<td>Thesis</td>
<td>120</td>
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</tbody>
</table>

#### 233.899 Thesis
A supervised and guided independent study resulting in a published work.

#### 233.900 PhD Earth Science
A supervised and guided independent study resulting in a published work.
SPORT AND EXERCISE SCIENCE

234.110 Introduction to Sports Medicine
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
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
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
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
An introduction to the generic principles of coaching from a management, educational and psychological perspective.

234.131 Introduction to Sport Management
An introduction to the foundational aspects and key concepts of sport management.

SPORT AND EXERCISE SCIENCE

234.133 Sport Facility Management
An introduction to the management and administrative aspects of sport facilities.

234.134 Foundations of International Sport Management
An introduction to global sport management principles and perspectives.

234.135 Sociology of Sport and Exercise
An introduction to sociology concepts, principles and theories as applied to sport and exercise.

234.139 Financial Aspects of Sport
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
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
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
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
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
A study of prescribing exercise and physical activity for the general population.

234.222 Sport Biomechanics I
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
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
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
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
A study of the cardiovascular, respiratory, neuromuscular and endocrine physiology.

234.227 Exercise Prescription and Therapy
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.

234.230 Sport Communication
An examination of the theoretical background of sport communication, which includes an application of skills and principles within the topic.

234.231 Sport Marketing
A practical application of marketing and sponsorship principles to the sport context.
COURSE DETAILS

MANAGEMENT

234.232 15 credits
Sport Business
This course explores the theories, concepts and practices relating to strategic management, governance, organisational behaviour, and human resource management in sport organisations.

234.233 15 credits
Sport Event Management
This course examines specific management aspects of sport events.

234.234 15 credits
Sport Management Planning and Promotion
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.

234.235 15 credits
Outdoor Recreation Management
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.

SPORT AND EXERCISE SCIENCE

234.236 15 credits
Sport Coaching: Management and Leadership
This course examines aspects of contemporary sport coaching. It focuses on management skills, leadership theories/styles and examines ethical issues related to sport coaching.

234.238 15 credits
Professional Development for the Sport Industry
A preparation for the Sport Practicum through field experience and critical reflection.

234.239 15 credits
Sport Economics
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.

PHYSICAL EDUCATION AND HEALTH

234.242 15 credits
Motor Skill Learning
Students will study the principles and theories of motor skill acquisition and their application to sport coaching.

234.243 15 credits
Sport Pedagogy
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.

234.244 30 credits
Sport Performance
Students will apply principles of playing, training and practice to their own performance in one selected sport for a single playing season.

HEALTH SCIENCES

234.312 15 credits
Advanced Exercise Prescription and Therapy
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.

MANAGEMENT

234.315 15 credits
Fitness and Athletic Conditioning
This course provides an understanding of various exercise techniques and methods to developing fitness and conditioning programmes for the athletic population.

HEALTH SCIENCES

234.316 30 credits
Exercise Prescription Practicum
This practicum is designed to provide practical experience in exercise or sport related environments according to individual interests.

SPORT AND EXERCISE SCIENCE

234.322 15 credits
Sport Biomechanics II
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.

234.323 15 credits
Exercise Physiology II
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.

HEALTH SCIENCES

234.326 15 credits
Physiological Aspects of Exercise and Health II
A study of physiological concepts and mechanisms in relation to exercise and the effect on human health.

MANAGEMENT

234.331 15 credits
Sport in the Social Context
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.

SPORT AND EXERCISE SCIENCE

234.335 15 credits
Critical Issues in Sport Management
An investigation of critical issues in sport management.

234.336 30 credits
Sport Management/Coaching Practicum
The practicum is designed to provide practical experience in the sport management or coaching areas according to individual interests and experience.

234.343 15 credits
Sport Pedagogy II
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.

PHYSICAL EDUCATION AND HEALTH

234.345 15 credits
An Integrated Model of Physical Education
Exploration of an integrated model of physical education using a range of movement areas, learning and teaching methodologies within the context of outdoor education.

234.346 15 credits
Promoting Hauora through Te Ao Kori
Analysing and applying the concept of Hauora (a holistic, Maori view of total well-being) through the practices of Te Ao Kori (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 (A Maori world view) and the principles of the Treaty of Waitangi in contemporary Aotearoa New Zealand society.

234.347 15 credits
Current Issues in Health and Physical Education
An introduction to the theory and practice of health and physical education through the examination of a range of international/national perspectives.
on cultural issues with consideration to the Treaty of Waitangi relevant to undergraduate students.

**MANAGEMENT**

234.360 15 credits

**Sport Psychology**

This course examines theory, research and practice in aspects of sport psychology.

**SPORT AND EXERCISE SCIENCE**

234.361 15 credits

**Exercise Psychology**

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.

234.716 30 credits

**Advanced Physical Conditioning**

An advanced level study of the research surrounding physical conditioning and the training processes for sporting performance and for targeted physical fitness.

234.717 15 credits

**Advanced Exercise Prescription for Musculoskeletal Conditions**

An advanced course on clinical musculoskeletal conditions and examining the pertinent indications and contra-indications of exercise for these conditions.

234.718 30 credits

**Advanced Exercise Prescription for Cardiopulmonary Conditions**

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.

234.719 30 credits

**Advanced Topics in Clinical Exercise, Health and Disease**

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.

234.720 15 credits

**Skeletal Muscle Metabolism**

An advanced level study of muscle metabolism during contraction and how this may be altered with chronic contractile activity.

234.721 15 credits

**Muscle Mechanics**

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.

234.722 15 credits

**Advanced Biomechanics**

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.

234.723 15 credits

**Advanced Topics in Exercise Science**

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.

234.731 30 credits

**Advanced Sport in the Social Context**

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**

234.732 30 credits

**Advanced Sport Management**

An examination of contemporary sport and recreation management practice in New Zealand and overseas.

**SPORT AND EXERCISE SCIENCE**

234.736 30 credits

**Advanced Sport Coaching**

This course offers an advanced examination of contemporary issues and topics related to sport coaching.

234.738 30 credits

**Advanced Sport Practicum**

The advanced practicum is designed to provide practical experience in the sport management or coaching areas according to individual interests and experience.

234.745 30 credits

**Advanced Application of Maori Perspectives to Health and Physical Education**

An advanced course that critically examines the implementation of Indigenous (Maori) knowledge, through analysis of the Treaty of Waitangi and Maori models of health and well-being to aid in examining issues relevant to health and physical education in Aotearoa New Zealand.

234.771 15 credits

**Research Methods in Sport and Exercise**

The course will develop knowledge of research paradigms, designs and methodologies in preparation for postgraduate research studies in sport and exercise. The consequent alternative modules (A or B) will develop further qualitative or quantitative research methods knowledge, skills and experience.

234.790 15 credits

**Special Topic**

234.791 15 credits

**Special Topic**

234.792 30 credits

**Special Topic**

234.799 30 credits

**Research Report**

234.832 60 credits

**Professional Practice in Sport Management**

A comprehensive examination of the professional issues that impact on the practice of sport management. Professional leadership and interrelationships may be analysed using a case-study based approach. The focus is on the development of the knowledge and skills required by the sport management professional in practice.

234.870 60 credits

**Research Report**

234.871 45 credits

**Thesis 90 Credit Part 1**

A supervised and guided independent study resulting in a published work.

234.872 45 credits

**Thesis 90 Credit Part 2**

A supervised and guided independent study resulting in a published work.

234.875 90 credits

**Thesis**

A supervised and guided independent study resulting in a published work.

234.890 90 credits

**Thesis**

The supervised undertaking of an original piece of research in sport and exercise.

234.891 45 credits

**Thesis 90 Credit Part 1**

A supervised and guided independent study resulting in a published work.

234.892 45 credits

**Thesis 90 Credit Part 2**

A supervised and guided independent study resulting in a published work.

234.897 60 credits

**Thesis 120 Credit Part 1**

A supervised and guided independent study resulting in a published work.

234.898 60 credits

**Thesis 120 Credit Part 2**

A supervised and guided independent study resulting in a published work.

234.899 120 credits

**Thesis**

A supervised and guided independent study resulting in a published work.
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.

235.212 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.

235.213 15 credits
Maori Values and Resource Management
In this applied course students will learn about Maori concepts and values associated with the management of natural resources. Students will gain an appreciation of the importance of indigenous values, and in particular Maori values and management approaches to sustainable resource management. Case studies will be undertaken to develop skills in the management of natural resources.

235.214 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.

235.215 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.

235.216 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. These values will be discussed in context with Te Tiriti o Waitangi. Case studies will be undertaken to develop skills in the Maori component of management of native flora and fauna.

235.217 15 credits
Maori Resource and Environmental Management - Foreshore and Oceans
A course that offers the opportunity for postgraduate students to learn about the Maori concepts, values and science processes associated with the management of the foreshore and ocean resources. Particular emphasis is placed on the importance of Maori 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. Case studies will be undertaken to develop skills in the Maori 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 Maori 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 policy, research and development, implementation and monitoring relative to agribusinesses 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.

NANOSCIENCE

236.201 15 credits
Nanoscience
A study of the interdisciplinary field of nanoscience 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.

236.879 60 credits
Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

236.889 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 Sport & Exercise Science

236.907 15 credits
MĀORI RESOURCE AND ENVIRONMENTAL MANAGEMENT

236.908 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.

236.909 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 agribusinesses 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.

236.910 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.

236.911 15 credits
Maori Values and Resource Management
In this applied course students will learn about Maori concepts and values associated with the management of natural resources. Students will gain an appreciation of the importance of indigenous values, and in particular Maori values and management approaches to sustainable resource management. Case studies will be undertaken to develop skills in the management of natural resources.

236.912 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.

236.913 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.

236.914 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. These values will be discussed in context with Te Tiriti o Waitangi. Case studies will be undertaken to develop skills in the Maori component of management of native flora and fauna.

236.915 15 credits
Maori Resource and Environmental Management - Foreshore and Oceans
A course that offers the opportunity for postgraduate students to learn about the Maori concepts, values and science processes associated with the management of the foreshore and ocean resources. Particular emphasis is placed on the importance of Maori 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 Maori component of management of foreshore and ocean resources.

236.916 15 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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>237.117</td>
<td>Maori Art and Design Studio I - Toi Atea</td>
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<tr>
<td>237.130</td>
<td>Communication for Makers</td>
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<td>237.131</td>
<td>Conversations in Creative Cultures</td>
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<td>237.211</td>
<td>Maori Visual and Material Culture - Toi Atea</td>
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<td>237.217</td>
<td>Maori Art and Design Studio II A - Toi Atea</td>
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<td>237.230</td>
<td>Creative Cultures &amp; Contexts I</td>
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<td>Creative Cultures &amp; Contexts II</td>
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<td>Maori Art and Design Studio III A - Toi Atea</td>
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<td>237.318</td>
<td>Maori Art and Design Studio III B - Toi Atea</td>
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<td>237.330</td>
<td>Creative Cultures &amp; Ideas</td>
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<td>237.331</td>
<td>Creative Cultures &amp; Display</td>
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<td>237.401</td>
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<td>237.402</td>
<td>The Visual Field</td>
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<td>237.403</td>
<td>Studies in Material Culture B</td>
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<td>237.404</td>
<td>Studies in Visual Culture B</td>
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<td>Creative Exposition</td>
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<td>237.702</td>
<td>Studies in Visual Culture</td>
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<td>237.816</td>
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</table>

**VISUAL AND MATERIAL CULTURE**

- **Maori Art and Design Studio I - Toi Atea**: An introduction to the development of personal forms of expression though an engagement with the values, concepts, traditions, art/design forms and structures of the whare whakairo.
- **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.
- **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.
- **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.
- **Maori Art and Design Studio II A - 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.
- **Maori Art and Design Studio II B - 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.
- **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.
- **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.
- **Maori Art and Design Studio III A - Toi Atea**: Developing visual responses to the exploration of issues (social, political, environmental, global) significant to Maori people and their communities.
- **Maori Art and Design Studio III B - Toi Atea**: Further development of a range of visual responses to issues (social, political, environmental, global) of significance to Maori people and their communities.
- **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.
- **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.

**Students in Material Culture**

- 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.
- **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.
- **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.
- **Studies in Material Culture B**: A variety of case studies which include materiality as cultural process, material culture and remembering, and the reification of everyday life.
- **Studies in Visual Culture B**: A series of case studies which examine the shift from art history and film studies to contemporary visual culture.

**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.

**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.
- **MPhil Thesis**: A supervised and guided independent study resulting in a published work.
- **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.
- **Thesis 120 Credit Part 1**: A supervised and guided independent study resulting in a published work.
238.899 120 credits
Thesis
A supervised and guided independent study resulting in a published work.

238.900 120 credits
PhD Visual & Material Culture

238
AGRICISCIENCE
238.700 15 credits
Life Cycle Assessment (LCA) and Footprinting Principles
The concept of life cycle thinking and its application to support decision-making for product systems. The course will provide an overview of the principles and methodology for Life Cycle Assessment (LCA) according to the ISO 14040 and 14044 standards, and introduce related environmental footprinting approaches (carbon and water footprinting).

238.710 15 credits
Life Cycle Assessment and Footprinting Methods
The practical application and critical evaluation of current methods and assumptions of Lifecycle Analysis and Footprinting particularly with respect to public policy and agri-food, fibre and forestry systems. Use of specialised software applications to improve understanding and demonstrate operational competency.

238.711 15 credits
Life Cycle Assessment and Footprinting Case Studies
Case studies, selected to meet learner requirements, are used to examine the philosophical, methodological and empirical issues in LCA and Footprinting across different scales (e.g. product, company, city or country), contexts (e.g., supply chain management, product design, eco-certification, urban planning and public policy evaluation) and sectors (e.g. dairy, energy, fibre, forestry, horticulture, manufacturing, meat, or tourism).

238.712 15 credits
Advanced Life Cycle Assessment and Footprinting Theory
An advanced examination of quantitative methods and methodological issues of LifeCycle Assessment and Footprinting.

238.751 15 credits
Agricultural Greenhouse Gas Emission Science
The contribution by agro-ecosystems to greenhouse gas (GHG) emissions at both a national and global scale. Process-based consideration of the distinctive features of the carbon and nitrogen biogeochemical cycles in New Zealand’s pastoral, arable, horticulture and forest systems. The influences of key factors regulating the source/sink strengths of the land use and land managements systems.

238.798 30 credits
Research Report

238.885 45 credits
Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work.

238.886 45 credits
Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work.

238.887 60 credits
Research Report

238.888 90 credits
Thesis
A supervised and guided independent study resulting in a published work.

238.897 60 credits
Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

238.898 60 credits
Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

238.899 120 credits
Thesis
A supervised and guided independent study resulting in a published work.

LOGISTICS AND SUPPLY CHAIN MANAGEMENT
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.
240.364 Purchasing and Supply Management 15 credits
A study of the scope of purchasing and procurement and the principles, structures and key variables of supply management.

240.365 Demand Chain Management 15 credits
A study of distribution management concepts and strategy together with an exploration of demand chains. Methods to align supply chain strategies with market drivers are examined. A range of distribution channel approaches are also discussed in regard to alternative customer demands.

240.366 Global Logistics 15 credits
A study of international logistics and its role in modern supply chains. Focus will be placed on international trade routes and global partnerships. Both the strategic effects of international free-trade agreements and operational level import/export processes will be explored in relation to international logistical flows.

240.752 Integrated Logistics 30 credits
Logistics is a foundation block within any successful business. Unless an organization can manage and coordinate in an integrated manner the movement of materials, information and cash through its business, and those of partner organizations, it is unlikely to outperform its competitors.

AGribusiness

240.753 Supply Chain System Analysis 15 credits
Determining information required for management of the supply chain. Includes a systems dynamics view of Production Management, Theory of Constraints, Supply Chain measurements and analysis.

240.754 Supply Chain Optimisation 15 credits
The use of tools to measure, optimise and assess the impact of alternative management and operational decisions on the supply chain. Includes linear programming, Theory of Constraints Replenishment solution, Quality Systems in supply chains and Project Management.

Logistics and Supply Chain Management

240.755 Executive Supply Chain Management 30 credits
The operational disciplines of the successful organisation are responsible for developing and managing its response to market opportunities and supply chain management is the key to a successful response. This course looks at the role supply chain management has in supporting organisations to create value within supply nets, webs and chains through the relationships created downstream with customers and upstream with suppliers.

240.756 Value Chain Management 15 credits
Value chains are explored through a supply chain operations management lens. Value chain networks are examined in the context of supply chain collaboration and coordination. The purpose is to provide students with the core principles of value creation and management, and to introduce them to supply chain analytical approaches to facilitate business decision making.

240.757 Logistics in Humanitarian Aid Projects 15 credits
Students will analyse the logistics of humanitarian aid projects in zones of conflict and relief assistance in natural disaster areas, from rapid assessment missions to the management of international supply chains for humanitarian aid. Case studies of integrated logistics management procedures during historical and ongoing emergency operations, as well as future trends in humanitarian logistics will also be addressed.

240.758 Research Methods in Supply Chain Management 30 credits
The process of scientific discovery will be explored through the discussion of alternative research methodologies. The primary role of the course is to prepare students to undertake research and to develop a research proposal. Particular emphasis is placed on conducting research on supply chains and quality systems. Students will become familiar with both positivist and interpretivist approaches to generating knowledge in this socio-technical context. During the course students will develop the skills to synthesise literature, design research processes and structure a research thesis.

240.887 Research Report 60 credits
An empirical supply chain management research investigation. During this course students will develop intellectual independence by conducting supply chain research. Supervision will be provided to guide students, however, the responsibility for framing and conducting the investigation will be the student’s alone. Students will develop the skills to articulate, analyse and evaluate their research findings.

240.888 Thesis 90 credits
A supervised and guided independent study resulting in a published work.

240.895 Thesis 90 Credit Part 1 45 credits
A supervised and guided independent study resulting in a published work.

240.896 Thesis 90 Credit Part 2 45 credits
A supervised and guided independent study resulting in a published work.

240.897 Thesis 120 Credit Part 1 60 credits
A supervised and guided independent study resulting in a published work.

240.898 Thesis 120 Credit Part 2 60 credits
A supervised and guided independent study resulting in a published work.

240.899 Thesis 120 credits
A supervised and guided independent study resulting in a published work.

240.900 PhD Logistics and Supply Chain Management 120 credits

Chinese

241.101 Chinese 1A 15 credits
The course provides the students with a basic proficiency in Putonghua (Mandarin Chinese). Upon successful completion of this course, students will have acquired the phonetics, knowledge of a set of characters, and the vocabulary and basic sentence constructions.

241.102 Chinese 1B 15 credits
The course builds on the proficiency in Putonghua (Mandarin) that is developed in 241.101 Chinese 1A. Upon successful completion of this course, students will have acquired the phonetics, a further set of characters and vocabulary, and more complex sentence constructions.

241.103 Ancient Chinese World pre-republic (1912) 15 credits
A course of Chinese history, philosophy, literature and arts before 1912.

241.105 Business Chinese 15 credits
An introduction to the principles of Chinese formal and informal business contexts. Explores the use of language and culture in these contexts in order to facilitate cross-cultural communication.

241.106 Chinese for Heritage Speakers 15 credits
A course of Chinese history, philosophy, literature and arts before 1912.

241.201 Chinese 2A 15 credits
Provides students with intermediate level of proficiency in Putonghua (Mandarin), building on skills in reading, writing, listening and speaking. Intermediate level structures, vocabulary and characters are reinforced through oral and written exercises. Students acquire the tools appropriate to...
this level to discuss topics relevant to themselves and to Chinese culture and society.

241.202 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.

241.206 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.

241.207 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.

241.208 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.

241.301 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.

241.302 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.

241.304 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.

241.305 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.

241.307 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. Students 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. Students 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.

242.305 Readings in Modern Japanese Literature 15 credits
A study of selected extracts in the original Japanese from the work of major modern writers.

242.306 Japanese Linguistics 15 credits
An analysis of Japanese sentence/discourse constructions from the viewpoints of English speakers. No previous knowledge of linguistics is required.
### 243

**French**

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<td>Introductory French Language II</td>
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<td>243.201</td>
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<td>243.301</td>
<td>Advanced French Language</td>
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<td>243.304</td>
<td>Contemporary French Popular Culture</td>
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<td>243.305</td>
<td>Close Encounters - New Zealand Seen Through French Eyes</td>
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**Spanish**

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<td>245.102</td>
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<td>245.103</td>
<td>Hispanic Culture and Heritage</td>
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<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>
</tbody>
</table>
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.

NATURAL SCIENCES

15 credits

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.

15 credits

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.

30 credits

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

15 credits

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

15 credits

Special Topic in Natural Sciences

In this course students will undertake in-depth investigations into aspects of one area within the Natural Sciences. Topics will be chosen by the students in consultation with the staff members who are facilitating the learning.

30 credits

Research Themes in Natural Sciences

This course integrates the scientific concepts of Scale and of Constancy & Change 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. Topics will be chosen by the students in consultation with the staff members who are facilitating the learning.

30 credits

Advanced Research Themes In Natural Sciences

Students will critically examine and evaluate a selection of scientific concepts and theories, within the Natural Sciences, which integrate aspects of Systems, of Scale and of Constancy & Change from across the Natural Sciences.
will document and present their internship experience through various communication channels.

247.292  
Special Topic  
A 200-level course available for use in special cases to assist in completion of a student undergraduate programme.

BIOLOGY

247.300  
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  
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  
Special Topic  
A 300-level course available for use in special cases to assist in completion of a student undergraduate programme.

247.712  
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  
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  
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  
Special Topic Applied Statistics  

247.791  
Special Topic in Data Analysis  

COLLEGE OF SCIENCES COURSES

247.792  
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  
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  
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 Dissertation; Presentation of a Seminar.

INCLUSIVE EDUCATION

249.284  
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  
Understanding Learners with Diverse Needs  
An examination of teaching strategies, educational implications and learning needs associated with particular disabilities and impairments.

249.286  
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  
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  
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  
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  
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  
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  
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  
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  
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  
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 Theory and Foundations of Blind and Low Vision Education 30 credits
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 Evidence-based Interprofessional Practice in Autism Spectrum Disorder 30 credits
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 Practicum Autism Spectrum Disorder 30 credits
A supervised practicum working with learners with Autism Spectrum Disorder.

249.751 Evidence-based Interprofessional Practice in Blind and Low Vision Education 30 credits
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 Practicum in Blind and Low Vision Education 30 credits
A supervised practicum working with learners who are blind or have low vision.

249.753 Theory and Foundations of Learning and Behaviour Diversity 30 credits
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 Evidence-based Interprofessional Practice in Learning and Behaviour Diversity 30 credits
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 Practicum in Learning and Behaviour Diversity 30 credits
A supervised practicum in the area of Learning and Behaviour difficulties.

249.760 Theory and Foundations of Complex Educational Needs 30 credits
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 Evidence-based Interprofessional Practice in Complex Educational Needs 30 credits
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 Practicum in Complex Educational Needs 30 credits
A practicum to support the inclusion of learners with complex educational needs in education.

249.770 Supervision and Mentoring in Specialist Teaching 15 credits
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 Additional Areas of Specialist Teaching 15 credits
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.

250.100 Introduction to Communication in Health 15 credits
An introduction to communication in health, including effective undergraduate essay writing, critical analysis of health related research and basic principles and practices of communicating health information.

250.131 Introduction to Human Health 15 credits
Introduces a range to topics relevant to the study of human health and ways to improve human health. Topics include: biological, social and different cultural definitions of health and their implications; social, economic and environmental determinants of health and their interaction; global health and health promotion.

250.205 Principles and Practice of Epidemiology 15 credits
The course provides an introduction to epidemiology; the study of the distribution and determinants of human health.

250.218 Health Communication 15 credits
A supervised practicum working with learners with complex educational needs, including common professional practices of specialist teachers and other educational and health professionals involved in special and inclusive education.

250.231 Health and Health Inequalities 15 credits
An exploration of social and political influences on contemporary debates in relation to health determinants and health inequalities and health care in New Zealand.

250.301 Systems Thinking for Health 15 credits
This course provides an exploration of concepts and tools from Systems Thinking for the purpose of understanding issues across the health sciences and to identify systemic solutions. Students will gain an understanding of how to: define complex systems; examine complex system behaviour over time; identify key leverage points to create change; and inform decision making within complex systems.

250.302 Health in Action Project 15 credits
This course will challenge students to apply their health knowledge to a practical case project. Groups of between 3 and 5 students will work together on a project addressing human health issues in the community. By the end of the course students should have demonstrated how they have applied their knowledge to make a positive impact on a chosen population.

250.318 Health in Action Project 15 credits
This course will challenge students to apply their health knowledge to a practical case project. Groups of between 3 and 5 students will work together on a project addressing human health issues in the community. By the end of the course students should have demonstrated how they have applied their knowledge to make a positive impact on a chosen population.

250.331 Health of Communities 15 credits
Strategies for assessing and promoting the health of populations are examined and local, national and international responses to health issues explored.

250.394 Quantitative Methods in Public Health 15 credits
This course provides advanced training in the selection and application of quantitative methods in public health. Topics will include: the analysis of national, regional and local health data systems, coding of disease and injury, survey design and analysis, sampling and questionnaire development, critical evaluation of statistic literature, bivariate and multivariate methods for analysing continuous and discrete public health data, and privacy and ethical considerations in the storage and analysis of health data. The course will involve using the software packages such as SAS and Stata as well as online statistical analysis software.

250.702 Systems Thinking and Analysis 15 credits
An exploration of both soft and hard systems thinking approaches applied to the analytics and evaluation processes. Students will use systems thinking ideas and tools for critical thinking in problem definition, issue analysis, decision making and action.

250.703 Health Communication 15 credits
This course examines the primary factors that influence the effective communication and adoption of positive health behaviours by individuals and communities. Students will review: micro and macro-level theories of
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

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; and 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

252.201 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 fatigue 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

253.250 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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Title</th>
<th>Overview</th>
</tr>
</thead>
<tbody>
<tr>
<td>254.701</td>
<td>15</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>
<tr>
<td>254.300</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>254.301</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>254.302</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>254.303</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>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>254.305</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>254.306</td>
<td>30</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>254.307</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>254.308</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>254.309</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>254.310</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>254.311</td>
<td>15</td>
<td>An 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>254.312</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>254.313</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>254.314</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>254.315</td>
<td>15</td>
<td>Sociology of Education as an Everyday Practice</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>
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<tr>
<td>254.316</td>
<td>15</td>
<td>Curriculum Formation and Implementation</td>
<td>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>
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<tr>
<td>254.317</td>
<td>15</td>
<td>Changes in Curriculum and Assessment</td>
<td>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>
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EDUCATIONAL AND DEVELOPMENTAL PSYCHOLOGY

256.201 15 credits
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 15 credits
Sustainable Learning
An analysis of how to best support learning and teaching in educational settings through the application of Western and Māori frameworks.

256.304 15 credits
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 15 credits
Ako: Psychology of Learning and Teaching
A study of psychology and teaching processes 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 15 credits
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 15 credits
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 15 credits
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 15 credits
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

256.754 30 credits
Assessment in Educational Psychology
An in-depth analysis and application of traditional and contemporary approaches to assessment in Educational Psychology.

256.755 30 credits
Professional Practice in Educational Psychology
Competencies, attitudes and dispositions that contribute to professional practice in Educational Psychology are examined, critiqued and developed. Particular attention is given to bicultural issues, professional ethical issues, accountability and reflective practice.

256.756 30 credits
Applied Behaviour Analysis for Educators
This course focuses on applied behaviour analysis oriented to analysis, assessment and intervention within school and other educational settings. The course is designed to assist students to be aware of environmental/behavioural relationships, to be able to observe, analyse and assess interactive behaviour in an educational setting, and be able to recommend, implement, evaluate and adjust therapeutic interventions.

256.841 30 credits
Case Study Analyses
Casework involving preschoolers, children and adolescents and their caregivers/teachers/whanau is undertaken during the year under supervision of registered psychologists. Analysis of the casework is presented to be assessed throughout the course. The folio of casework includes projects that centre on working with individuals, groups and systems. The casework undertaken will be decided according to the individual and professional development needs of the student.

256.842 60 credits
Professional Practice in Educational Psychology
This course covers the development of professional skills in field work as an educational psychologist. It involves the student in creating a personal plan in consultation with supervisors and lecturers. Students’ practical skills will be assessed in simulated video and in vivo sessions. Another section of the course will involve students choosing particular applied areas in which to gain in-depth specialist knowledge. This may involve the student attending additional workshops and training sessions. Assessment methods are subject to individual negotiation.

256.843 30 credits
Professional Practice Examination Process
The examination process is in reference to the professional practice portfolio and reports from field supervisors. The oral examination process involves a thorough investigation of the year’s work as presented by the student and with reference to the Core Competencies of the New Zealand Psychologists’ Board.

256.844 30 credits
Advanced Professional Practice in Educational Psychology
Advanced study and supervised professional practice in educational and developmental psychology with a focus on professional reflection.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>256.845</td>
<td>30</td>
<td>Advanced Professional Practice in Educational Psychology II</td>
</tr>
<tr>
<td>256.846</td>
<td>30</td>
<td>Discipline Knowledge, Scholarship and Research</td>
</tr>
<tr>
<td>256.847</td>
<td>60</td>
<td>Educational and Developmental Psychology Thesis</td>
</tr>
<tr>
<td>256.854</td>
<td>30</td>
<td>Educational and Developmental Psychology Assessment</td>
</tr>
<tr>
<td>256.855</td>
<td>30</td>
<td>Educational and Developmental Psychology Practice</td>
</tr>
<tr>
<td>257.375</td>
<td>15</td>
<td>Learning English as Another Language</td>
</tr>
<tr>
<td>257.766</td>
<td>30</td>
<td>Leading TESOL in Diverse Contexts</td>
</tr>
<tr>
<td>257.767</td>
<td>30</td>
<td>Current Issues and Innovations in TESOL Leadership</td>
</tr>
<tr>
<td>257.769</td>
<td>30</td>
<td>Teaching Content to English Language Learners</td>
</tr>
<tr>
<td>258.301</td>
<td>15</td>
<td>Language, Literacy and Cognitive Development</td>
</tr>
<tr>
<td>258.720</td>
<td>30</td>
<td>Foundations of Literacy Education</td>
</tr>
<tr>
<td>258.721</td>
<td>30</td>
<td>Teaching Students with Literacy Learning Difficulties</td>
</tr>
<tr>
<td>258.722</td>
<td>30</td>
<td>The Nature, Prevention and Remediation of Literacy Learning Difficulties</td>
</tr>
<tr>
<td>258.723</td>
<td>30</td>
<td>Teaching Writing in the Classroom</td>
</tr>
<tr>
<td>258.725</td>
<td>30</td>
<td>Language Policy and Assessment</td>
</tr>
<tr>
<td>259.771</td>
<td>30</td>
<td>Educational Leadership in Action</td>
</tr>
<tr>
<td>259.772</td>
<td>30</td>
<td>Theory and Process in Educational Leadership</td>
</tr>
<tr>
<td>259.776</td>
<td>30</td>
<td>Gender Issues and Educational Leadership</td>
</tr>
<tr>
<td>259.777</td>
<td>30</td>
<td>Leadership and Learning in Diverse Contexts</td>
</tr>
<tr>
<td>259.780</td>
<td>30</td>
<td>Language Policy and Assessment</td>
</tr>
<tr>
<td>260.420</td>
<td>15</td>
<td>Teaching Mathematics</td>
</tr>
<tr>
<td>260.421</td>
<td>15</td>
<td>Teaching Senior Mathematics</td>
</tr>
<tr>
<td>260.422</td>
<td>15</td>
<td>Teaching Science</td>
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<tr>
<td>260.423</td>
<td>15</td>
<td>Teaching Senior Agriculture/Biology/Horticulture</td>
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</table>
### SECONDARY TEACHING

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
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<tbody>
<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>260.426</td>
<td>Teaching Technology</td>
<td>15</td>
</tr>
<tr>
<td>260.427</td>
<td>Teaching Senior Technology</td>
<td>15</td>
</tr>
<tr>
<td>260.428</td>
<td>Teaching Graphics</td>
<td>15</td>
</tr>
<tr>
<td>260.429</td>
<td>Teaching Languages</td>
<td>15</td>
</tr>
<tr>
<td>260.430</td>
<td>Teaching Senior Languages</td>
<td>15</td>
</tr>
<tr>
<td>260.431</td>
<td>Teaching English</td>
<td>15</td>
</tr>
<tr>
<td>260.432</td>
<td>Teaching Senior 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>260.435</td>
<td>Teaching Senior History</td>
<td>15</td>
</tr>
<tr>
<td>260.436</td>
<td>Teaching Senior Geography</td>
<td>15</td>
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<tr>
<td>260.437</td>
<td>Teaching Senior Commerce</td>
<td>15</td>
</tr>
<tr>
<td>260.438</td>
<td>Teaching Music</td>
<td>15</td>
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<tr>
<td>260.439</td>
<td>Teaching Senior Music</td>
<td>15</td>
</tr>
<tr>
<td>260.440</td>
<td>Musicianship for School Instrumental Music Teachers</td>
<td>15</td>
</tr>
</tbody>
</table>

### TECHNOLOGY, SCIENCE AND MATHEMATICS EDUCATION

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>260.441</td>
<td>Teaching Health and Physical Education</td>
<td>15</td>
</tr>
<tr>
<td>260.442</td>
<td>Teaching Senior Physical Education</td>
<td>15</td>
</tr>
<tr>
<td>260.443</td>
<td>Teaching Health</td>
<td>15</td>
</tr>
<tr>
<td>260.444</td>
<td>Teaching Visual Arts</td>
<td>15</td>
</tr>
<tr>
<td>260.445</td>
<td>Teaching Senior Visual Arts</td>
<td>15</td>
</tr>
<tr>
<td>260.446</td>
<td>Teaching Senior Art History</td>
<td>15</td>
</tr>
<tr>
<td>260.447</td>
<td>Secondary Teaching Experience I</td>
<td>15</td>
</tr>
<tr>
<td>260.448</td>
<td>Secondary Teaching Experience II</td>
<td>15</td>
</tr>
<tr>
<td>260.449</td>
<td>Teaching in Context I</td>
<td>15</td>
</tr>
<tr>
<td>260.450</td>
<td>Teaching in Context II</td>
<td>15</td>
</tr>
<tr>
<td>260.451</td>
<td>Teaching and Learning in a Secondary Context</td>
<td>15</td>
</tr>
<tr>
<td>260.760</td>
<td>Secondary Curriculum 1</td>
<td>30</td>
</tr>
<tr>
<td>260.761</td>
<td>Secondary Curriculum 2</td>
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</table>

### E-LEARNING

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>261.760</td>
<td>Instructional Design for E-Learning</td>
<td>30</td>
</tr>
</tbody>
</table>
attention to the role of technologies and the particular issues associated with networked/online delivery of educational programmes.

261.764 Foundations of E-Learning
30 credits
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
30 credits
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
30 credits
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
15 credits
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
30 credits
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
30 credits
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
30 credits
A supervised practicum in gifted and talented education.

263 LEARNING AND TEACHING

263.200 Teaching as an Act of Influencing Others
15 credits
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
15 credits
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
15 credits
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
15 credits
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
30 credits
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
30 credits
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
30 credits
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
30 credits
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
30 credits
An examination and application of effective and culturally responsive pedagogies in clinical and community settings.

263.761 Pedagogy 2
30 credits
An extended examination and application of effective and culturally responsive pedagogies in clinical and community settings.

263.860 Inquiry 1
30 credits
An evidence-informed inquiry that addresses existing or emerging challenges of teaching practice.

263.861 Inquiry 2
30 credits
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
15 credits
An examination of how people learn in formal and informal settings.

264.102 Classroom Management
15 credits
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
15 credits
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
15 credits
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>Course Code</th>
<th>Title and Description</th>
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</thead>
<tbody>
<tr>
<td>265.293</td>
<td>Studies in Infants and Toddlers</td>
</tr>
<tr>
<td></td>
<td>Study of content knowledge and the development of clear philosophy which is supportive of the learning and development of children from conception to age two, with an emphasis on ecological influences.</td>
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<tr>
<td>265.322</td>
<td>Perspectives in Early Years Education</td>
</tr>
<tr>
<td></td>
<td>A critical analysis of the development and theoretical basis of historical and contemporary early years education programmes, including early childhood, in New Zealand and overseas.</td>
</tr>
<tr>
<td>265.344</td>
<td>Issues in Early Childhood Education</td>
</tr>
<tr>
<td></td>
<td>An analysis of contemporary policies and issues in early childhood services in New Zealand and overseas and how these policies and issues are influenced by political, cultural and social forces.</td>
</tr>
<tr>
<td>265.374</td>
<td>Leadership in Early Childhood</td>
</tr>
<tr>
<td></td>
<td>An examination of issues in theory and practice in educational leadership in early childhood services in the Aotearoa/New Zealand context.</td>
</tr>
<tr>
<td>265.470</td>
<td>ECE Professional Inquiry and Practice 1</td>
</tr>
<tr>
<td></td>
<td>Student teachers will explore and apply current curriculum, philosophy, pedagogy and practices of teaching in early childhood settings. The course will consist of both taught and practical experiences.</td>
</tr>
<tr>
<td>265.471</td>
<td>Learning and Development in Early Childhood Education Contexts</td>
</tr>
<tr>
<td></td>
<td>Children’s learning and development is examined from a range of research and practice perspectives relevant for inclusive early childhood education contexts. The course will focus on early childhood curriculum, working in partnerships with families and whanau, creating high-quality early childhood environments, and promoting positive teacher-child interactions to support child learning and development.</td>
</tr>
<tr>
<td>265.472</td>
<td>Advanced Studies of Infants and Toddlers</td>
</tr>
<tr>
<td></td>
<td>This course fosters a critical examination of research and practice in early childhood education associated with the learning, development and care of infants and toddlers from conception to age two, with consideration of the critical role of early childhood teachers.</td>
</tr>
<tr>
<td>265.473</td>
<td>Integrating Early Childhood Curriculum: Mathematics and Literacy</td>
</tr>
<tr>
<td></td>
<td>A course exploring early childhood curriculum as an integrated process with a focus on the foundations of mathematics and literacy.</td>
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<tr>
<td>265.474</td>
<td>ECE Curriculum, Assessment, Planning &amp; Evaluation</td>
</tr>
<tr>
<td></td>
<td>Study of the key principles and practices of early childhood curriculum, assessment planning and evaluation for coherence and continuity in young children’s learning.</td>
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<tr>
<td>265.475</td>
<td>The Arts in Early Childhood Education</td>
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<tr>
<td></td>
<td>A study of the provision of arts education experiences for children in early childhood. The course will enable students to critically examine theories relating to arts education in early childhood and to apply this knowledge in a range of early childhood settings.</td>
</tr>
<tr>
<td>265.476</td>
<td>Curriculum and Teacher Inquiry in ECE</td>
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<tr>
<td></td>
<td>An individual, research-informed supervised teacher inquiry where students plan, undertake and report on an investigation with a group of children in order to refine teaching, planning, assessment and evaluation skills in the context of early childhood curriculum.</td>
</tr>
<tr>
<td>265.485</td>
<td>ECE Professional Inquiry and Practice 2</td>
</tr>
<tr>
<td></td>
<td>Student teachers will develop and demonstrate competent and confident practices in current curriculum, philosophy, pedagogy and practices of teaching in early childhood settings. The course will consist of both taught and practical experiences.</td>
</tr>
<tr>
<td>265.736</td>
<td>Quality in Early Years Education</td>
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<tr>
<td></td>
<td>A critical study of research and theory which has shaped beliefs about quality in education from infancy through to early school years. Students are assisted to consider different viewpoints on quality and different approaches to quality assurance and management. Opportunity is provided for students to explore issues and implications for policy and professional practice.</td>
</tr>
<tr>
<td>265.737</td>
<td>Young Children and Their Families</td>
</tr>
<tr>
<td></td>
<td>This course provides a critical analysis of contemporary theory and research relating to young children and their families. The implications for working with young children and their families will be considered in relation to early education.</td>
</tr>
<tr>
<td>265.738</td>
<td>Children's Play and Learning in an Intentional Teaching Practice</td>
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<tr>
<td></td>
<td>This course examines the concepts of play and learning and the integration of these concepts with content knowledge in an intentional teaching practice with children from 0-8 years.</td>
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<tr>
<td>265.740</td>
<td>Advanced Studies on Learning in the Early Years</td>
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<tr>
<td></td>
<td>An advanced study of contemporary cognitive research and theory on young children’s learning (birth to eight years of age). Considers implications for educational practice in early childhood centres and junior primary classes, including teaching strategies, curriculum implementation and culturally-responsive practice.</td>
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</table>

**EDUCATION RESEARCH**

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<thead>
<tr>
<th>Course Code</th>
<th>Title and Description</th>
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<tbody>
<tr>
<td>267.390</td>
<td>Educational Research Literacy</td>
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<tr>
<td></td>
<td>This course takes an applied orientation to educational research literacy through an understanding of diverse educational research methodologies and how research findings are presented to the public.</td>
</tr>
<tr>
<td>267.781</td>
<td>Research Methods in Professional Practice</td>
</tr>
<tr>
<td></td>
<td>An in-depth analysis of research methods and designs used in professional practice. Involves critical examination and evaluation of specific research designs.</td>
</tr>
<tr>
<td>267.782</td>
<td>Quantitative Research in Education</td>
</tr>
<tr>
<td></td>
<td>A study of quantitative research methods in education focusing on basic group designs for research and evaluation, analytic methods for exploring relationships with both categorical and continuous measures, and statistical analysis procedures for group design data.</td>
</tr>
<tr>
<td>267.783</td>
<td>Qualitative Research in Education</td>
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<tr>
<td></td>
<td>A study of qualitative research methods in education. Theoretical and practical issues of research are studied under three course themes: context for research, qualitative research designs, analysis and communication of qualitative research.</td>
</tr>
<tr>
<td>267.790</td>
<td>Indigenous Research Methodologies</td>
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<tr>
<td></td>
<td>A study of Maori research frameworks, philosophies and processes and an examination of their contribution to the growing body of indigenous scholarship as relevant to educational settings.</td>
</tr>
<tr>
<td>267.860</td>
<td>Professional Inquiry</td>
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<tr>
<td></td>
<td>An advanced analysis of a significant professional situation to which a proposed solution is applied and evaluated, based on a critique of educational theory and literature.</td>
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</tbody>
</table>
267.861 45 credits
Professional Inquiry
A critical evaluation and inquiry into an educational issue of professional interest, based on a critique of relevant theory and literature.

267.870 45 credits
Specialist Teaching Research Project
This course allows students to conduct and report research in an area of specialist teaching using academic research conventions.

267.871 60 credits
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.

267.872 60 credits
Thesis 120 Credit Part 2
An advanced realisation of proposed research, subsequent analysis and scholarly report.

267.875 45 credits
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.

267.880 90 credits
Thesis
Course enables students to conduct and report research using academic research conventions.

267.881 45 credits
Thesis 90 Credit Part 1
Course enables students to conduct and report research using academic research conventions.

267.882 45 credits
Thesis 90 Credit Part 2
Course enables students to conduct and report research using academic research conventions.

267.891 120 credits
Thesis
A supervised and guided independent study resulting in a published work.

267.894 120 credits
MPhil Thesis
A supervised and guided independent study resulting in a published work.

267.895 60 credits
MPhil Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

267.896 60 credits
MPhil Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

267.899 120 credits
Thesis
An advanced scholarly application of theory and practice using academic research conventions.

267.900 120 credits
PhD Education

267.911 30 credits
Advanced Professional Education
A critical analysis of the political, social, cultural, historical and philosophical perspectives of professionalism relating to education in Aotearoa/New Zealand. Particular attention will be focused on professionalism in action and professional lives.

267.912 30 credits
Advanced Studies in Education
A critical examination of educational theory, policy and practice in educational settings with a particular emphasis on reflective professional practice.

267.913 30 credits
Advanced Research and Evaluation Methodology
This course prepares students to design, conduct and write a research thesis.

267.929 30 credits
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.

267.930 120 credits
Thesis Doctor of Education
This component involves undertaking research based on the courses that precede it in the programme. In those courses students will develop the perspectives and strategies necessary to enable them within this component to pursue responses to research questions within the domain of professional education.

MĀORI MEDIUM PRIMARY TEACHING

268.107 15 credits
Te Aho Matua Taiao o ngā Kura Kaupapa Māori I
He timatanga ki te titiro ki te tū ngaioatanga o te kaikōkosi, ki ngā akoranga taiao Māori, whakahaere ā-akomanga, te ako takitahi, ā-roāpū, ā-akomanga, ā-maraautanga hoki e āhinga pū ana ki Te Aho Matua. An introduction to the professional role of the teacher with reference to Te Aho Matua and Tāmati medium professional practices, classroom organisation, learning of individuals and groups, learning environments and key curriculum areas.

268.110 15 credits
Te Hā
He titiro ki te āhua o te tū i runga te marae, me te ako i ngā tikanga me ēna reo. An introduction to the knowledge, language and customary practices pertaining to the elements of marae as a context for education.

268.120 15 credits
Tikanga Pāngarau I
Ka fiturata te ako i ngā whakamarama me ngā tikanga o te ako ao ao i ngā tauhia tūtaha, tūtaha i kōrero, te ā-taha i tūtaha, ā-maraautanga me ēna reo. An introduction to the processes of learning and teaching in Te Ao Māori and western contexts and its application to learning and teaching in te reo Māori.

268.121 15 credits
Te Kupu Tā I - Panui Tuhihi i Te Kura Kaupapa
He timatanga kia mārama ki ngā tikanga o te ako ao i te panui ki tā te Māori, ki tā te Pākehā, me tōna whakamahinga ki Te Reo Māori. An introduction to the processes of literacy learning in te ao Māori and western contexts and their application to literacy learning in te reo Māori.

268.130 15 credits
Te Iraura
He whakamātau i te orokohanga mai o te tūtaha o te raurangi o te ahuwhenua mai o te tāngata ki tōna ake a kia tūtahi, ā 내, ā-hinengaro, ā-tinana. An introduction to the self in relation to cosmological narratives, the life-span of human development and learning from Māori, hapū, and iwi perspectives.

268.131 30 credits
Te Aho Matua Marautanga I
He timatanga tēnei ki te wherawhērē i ngā ariā ki ngā ahuwhenua ako, me te whakahaere ki ngā akoranga tītī i te hangai pū ana ki ngā marautanga e whakahokia ana i roto i ngā kura tuahanga i te āhuwhenua i te whakahaere, i ngā rautaki whakahaere, i ngā mahinga aromatawatia ki tā te Aho Matua tūtahi. Students will learn to prepare the learning environment and to learn about learning environments from the first year. Using Te Aho Matua as a framework, students develop management and pedagogical strategies and assessment practices.

268.207 30 credits
Te Taihoa mō Te Aho Matua o ngā Kura Kaupapa Māori II
Ka ako te tauri te ko te whakariterite i te taihoa ako mā te whakakasho i ngā akoranga katoa o te tau tauhia. Te whakahaere, te ātanga i ngā pukenga whakahaere, i ngā rautaki whakahaere, i ngā mahinga aromatawatia ki tā te Aho Matua tītī. 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.

268.211 15 credits
Te Tiringa
He whakawhānui i te mātauranga i te reo me ngā tikanga o te marae hei ake, hei te whakahaere ki ēnei mātauranga. He āta titiro kia mārama te ahuwhenua
He arohaehae, he heorangi a ngā māhinga rāhia, i ngā whaiao a ngā kura iwi, a ngā kura Māori, a ngā marae nga tini a ngā tūpuna. He aoturangaparea, aro ki te tika o te whakaako i te pāngarau i ngā ako Māori. He aoturangaparea, aro ki te tika o te whakaako i te pāngarau i ngā ako Māori. He aoturangaparea, aro ki te tika o te whakaako i te pāngarau i ngā ako Māori. He aoturangaparea, aro ki te tika o te whakaako i te pāngarau i ngā ako Māori.
### MAORI EDUCATION

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<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>269.136</td>
<td>Te Unga Whakaara - Introductory Maori Language</td>
<td>15 credits</td>
</tr>
<tr>
<td>269.232</td>
<td>Multicultural Education</td>
<td>15 credits</td>
</tr>
<tr>
<td>269.233</td>
<td>Bilingual Education</td>
<td>15 credits</td>
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<tr>
<td>269.235</td>
<td>He Kōrero Paki</td>
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### COURSE DETAILS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>269.314</td>
<td>Te Marautanga o Te Aho Matua o ngā Kura Kaupapa Māori III: ko te taiti i ngā kaupapa hei marautanga</td>
<td>15 credits</td>
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<tr>
<td>269.417</td>
<td>Te Kawa o Te Kura IV</td>
<td>30 credits</td>
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<tr>
<td>269.421</td>
<td>Te Aka</td>
<td>15 credits</td>
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<tr>
<td>269.430</td>
<td>Te Kura Nui</td>
<td>30 credits</td>
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<tr>
<td>269.431</td>
<td>Te Aro ā-Tahi</td>
<td>15 credits</td>
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### MAORI EDUCATION

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<tr>
<td>269.136</td>
<td>Te Unga Whakaara - Introductory Maori Language</td>
<td>15 credits</td>
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</table>

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.

### 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.

### 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 Aoteaorua/New Zealand.

### He Kōrero Paki

He Whakamatua ki ngā kōrero ā wha, ā tuhi. He wānanga i ngā mōteatea ā kupu nei kia hangaia e te tauria ko tōna ake tuhuinga, kōrero motuhake. To analyse the myths, legends, contemporary writings, songs and poetry of Māori as they relate to classroom delivery.

### 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.

### 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.

### Maori Issues in Education

A study of relationships between cultural education and the extent of Māori educational needs and aspirations.

### Nga Whakatauaanga

Te Mana Motuhake o Te Aho Matua me ōna kaupapa here he taki i teanga marautanga ki roto i te ara matua o ngā Kura Kaupapa me ngā akoranga rautaki. An examination of policies relating to school and classroom organisation and management as these affect Māori.

### He Akonga Reo Rua i Aoteaorua/Bilingual Education for Aoteaorua

A study of the historical background and theory of bilingual education in Aoteaorua and its implications for developing and evaluating bilingual education programmes.

### Understanding Migrant Cultures in Aoteaorua/New Zealand

A study of immigrants and immigration in Aoteaorua/New Zealand with a focus on developing effective cross-cultural teaching skills.

### Ethnic Relations and Education

An examination of ideas about ‘race’ and ‘ethnicity’ and their influence on education policies and practice.

### Policy and Development in Maori 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 practice will be explored.

### Cultural Differences and Education

An examination of the sources and consequences of cultural differences and their interaction with educational practice.

### 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.

### 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.

### 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.

### Mana Matauranga: 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>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>270.200</td>
<td>He Huarahi Ako: Maori Education for Teachers</td>
<td>15</td>
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<tr>
<td>270.201</td>
<td>Te Noho Marae/Marae Learning for Teachers</td>
<td>15</td>
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<tr>
<td>270.238</td>
<td>He Kōrero Paki</td>
<td>15</td>
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<tr>
<td>271.150</td>
<td>Introduction to Communication Disorders</td>
<td>15</td>
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<tr>
<td>271.151</td>
<td>Anatomy and Physiology of Speech and Hearing</td>
<td>15</td>
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<tr>
<td>271.152</td>
<td>Speech-Language Therapy and the Treaty of Waitangi</td>
<td>15</td>
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<tr>
<td>271.154</td>
<td>Speech and Language Development</td>
<td>15</td>
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<tr>
<td>271.253</td>
<td>Child Language Disorders I</td>
<td>15</td>
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<tr>
<td>271.254</td>
<td>Articulation and Phonological Disorders in Children</td>
<td>15</td>
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<tr>
<td>271.255</td>
<td>Assessment Methods for Speech and Language Disorders</td>
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### SPEECH AND LANGUAGE THERAPY

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<th>Code</th>
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<tbody>
<tr>
<td>271.256</td>
<td>Field Work and Clinical Skills I</td>
<td>15</td>
</tr>
<tr>
<td>271.257</td>
<td>Child Language Disorders II</td>
<td>15</td>
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<tr>
<td>271.258</td>
<td>Neurogenic Communication Disorders I</td>
<td>15</td>
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<tr>
<td>271.259</td>
<td>Augmentative and Alternative Communication</td>
<td>15</td>
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<tr>
<td>271.260</td>
<td>Motor Speech Disorders</td>
<td>15</td>
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<tr>
<td>271.261</td>
<td>Fluency Disorders</td>
<td>15</td>
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<tr>
<td>271.262</td>
<td>Field Work and Clinical Skills II</td>
<td>15</td>
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<tr>
<td>271.263</td>
<td>Research Methods for Speech and Language Therapy</td>
<td>15</td>
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<tr>
<td>271.264</td>
<td>Speech and Language Therapy Practice and Diverse Clinical Populations</td>
<td>15</td>
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<tr>
<td>271.265</td>
<td>Paediatric Dysphagia and Feeding Disorders</td>
<td>15</td>
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<tr>
<td>271.266</td>
<td>Aural Rehabilitation, Assessment and Intervention</td>
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271.489 15 credits
Voice Disorders, Assessment and Treatment
The focus of this course is the assessment and treatment of voice disorders in adults and children, with reference to the normal production of voice.

271.490 15 credits
Advanced Topics in Speech and Language Therapy
This course involves in-depth evaluation of the evidence related to a topic relevant to current speech and language therapy practice.

271.496 15 credits
Advanced Clinical Course I
An application of Entry-level speech and language therapy clinical competency skills of professional communication, professional conduct, observation, data management and professional writing through participation in case management.

271.498 15 credits
Advanced Clinical Course II
This course addresses advanced aspects of clinical competency skills involved in working with clients and their whanau. Students will be responsible for assessment, treatment and management of children and adults with a variety of communication and swallowing disorders.

271.710 30 credits
Evidenced-Based Practice in Speech and Language Therapy
Advanced study of contemporary evidence-based practice in speech and language therapy. The implications of evidence-based practice in speech language therapy clinical settings are explored.

271.711 30 credits
Critical and Current Issues in Speech and Language Therapy
An in-depth evaluation and analysis of critical and current trends arising in, and impacting on the work of speech language therapy clinicians and researchers.

271.712 30 credits
Theoretical Issues in Speech and Language Therapy
Critical examination of theories and models and their impact on research and clinical practice in speech and language therapy.

271.720 30 credits
Research Report
A research project based on systematic and analytical consideration of theory, research methods, practice and culture in speech therapy.

271.786 15 credits
Advances in SLT and Diverse Clinical Populations
An advanced analysis and evaluation of communication disorders associated with diverse clinical populations, for example, cleft palate, down syndrome or autism spectrum disorders. Approaches to practice for complex cases is considered with a focus on interdisciplinary practice, embedded interventions, and communication partner engagement.

271.787 15 credits
Advanced Paediatric Dysphagia and Feeding Disorders
The study of neuro-anatomical and physiological principles of swallowing and eating and drinking skills from a developmental framework. In addition to, related and specific developmental disorders and conditions that contribute or cause dysphagia and/or feeding disorders from birth to adolescence.

271.788 15 credits
Advances in Aural Rehabilitation
This course examines aural rehabilitation for children and adults with hearing disorders. Emphasis is given to advances in evidence-based practice relating to assessment and intervention associated with hearing disorders.

271.789 15 credits
Advanced Voice Disorders, Assessment and Treatment
This course focuses on advances in theoretical and evidence-based research for the assessment and treatment of voice disorders in adults and children.

271.796 15 credits
Advanced Clinical Practicum 1
Develop Entry-level competency in clinical skills related to current evidence-based practice across a range of complex communication and swallowing disorders in children or adults.

271.798 15 credits
Advanced Clinical Practicum II
This course addresses advanced aspects of speech and language therapy Entry-level clinical practice and the theoretical frameworks that underpin assessment and intervention.

271.808 60 credits
Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

271.809 60 credits
Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

271.810 120 credits
Thesis
A supervised and guided independent study resulting in a published work.

272
APPLIED LINGUISTICS

272.702 30 credits
Second Language Learning Theories and Processes
A critical examination of theoretical perspectives accounting for second language learning processes.

272.703 30 credits
Contemporary Approaches to Language Teaching Methodology
A critical survey of different approaches and methods used to develop language skills.

272.704 30 credits
Contextualising Curriculum and Materials Design
A study of the principles, practice and contextualised nature of curriculum and materials design.

272.715 30 credits
Current Issues in Applied Linguistics
A critical examination of current issues in applied linguistics research from both theoretical and practical perspectives.

272.800 120 credits
MPhil Thesis
A supervised and guided independent study resulting in a published work.

272.801 60 credits
MPhil Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

272.802 60 credits
MPhil Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

272.816 60 credits
Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a published work.

272.817 60 credits
Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a published work.

272.873 60 credits
Research Report Applied Linguistics

272.881 45 credits
Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a published work.

272.882 45 credits
Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a published work.

272.883 90 credits
Thesis
A supervised and guided independent study resulting in a published work.

272.899 120 credits
Thesis
A supervised and guided independent study resulting in a published work.

272.900 120 credits
PhD Applied Linguistics
ADULT EDUCATION

273.721 Knowledge and Power in Tertiary Education  30 credits
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.

273.722 Adult Learning: Myths and Realities  30 credits
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.

273.723 Cultures and Learning: Diversity in Tertiary Education  30 credits
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.

273.724 The Expert Teacher of Adults: Principles and Practice  30 credits
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.

273.725 Leadership and Communication in Tertiary Education  30 credits
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.

273.784 Learning and Teaching in Tertiary Education  30 credits
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.

273.785 Assessment and Evaluation in Tertiary Education  30 credits
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.

PHYSICAL EDUCATION AND HEALTH

274.315 Kinesiology  15 credits
An advanced study of the forces that influence the efficiency of human movement.

274.707 Issues in Health and Physical Education  30 credits
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.

HUMAN DEVELOPMENT

275.102 Human Development  15 credits
An introduction to the study of lifespan human development and learning within changing social and physical contexts.

MATHMATICS EDUCATION

276.330 Mathematics and Literacy in Society  15 credits
An exploration of the importance of being literate and numerate through an indepth study of our engagement with mathematics and literacy in everyday life.

276.396 Mathematics in the Middle Years  15 credits
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.

276.700 Developing Mathematical Inquiry Communities  30 credits
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.

276.730 Enterprising STEM Education  30 credits
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.

276.782 Mathematics Education  30 credits
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.
278.429  
**Education in the Arts, Hauora and Learning Languages**  
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.

278.461  
**Classroom Enquiry**  
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.

278.463  
**Te Hononga - Engaging with Maori in Education**  
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.

278.760  
**Primary Curriculum 1**  
An introduction to and analysis of the professional requirements of the New Zealand Curriculum and assessment frameworks.

278.761  
**Primary Curriculum 2**  
Clinical application and analysis of learning areas in the New Zealand Curriculum and of assessment frameworks.

279  
**SOCIAL POLICY**

279.101  
**Social Policy: An Introduction**  
An introduction to social policy with particular relevance to the history and patterns of social and economic development in New Zealand.

279.203  
**Law, Government and Social Policy**  
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.

279.301  
**Government Policy, Planning and Administration**  
An examination of government policy, planning and administration. Attention will be focused on providing the conceptual tools for analysing the policy process and then applying them to specific legislation.

279.401  
**Social Policy Evaluation**  
An examination of social policy programmes and/or legislation which provides students with an opportunity to explore areas of particular interest.

279.701  
**Social Policy and Political Economy**  
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.
MASSEY UNIVERSITY 2018 CALENDAR

**PROCESS AND ENVIRONMENTAL TECHNOLOGY**

280.016 30 credits
**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.

280.017 15 credits
**Elementary Meat Mathematics**
Elementary mathematics applicable to the operation of a meat processing plant including mathematical principles as linear equations and statistics.

280.101 15 credits
**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.

280.102 15 credits
**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.

280.103 15 credits
**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.

280.104 15 credits
**Co-products Derived from Meat Animals**
Technology including the applied microbiology and chemistry involved in the processing of hides and pelts to the finished leather stage, inedible and edible processing of blood, foetal blood and co-products, casings, specialised chemicals, collagen and yields for the various co-product options.

**PROCESS ENGINEERING**

280.105 15 credits
**Quality Assurance for the Meat Industry**
Food safety from farm to the consumer’s plate will be examined using methods for product and process control and improvement including, HACCP, risk management, ante- and post-mortem inspection, auditing principles, general food safety principles and occupational safety and health. Consideration will also be given to current legislation and OMAR requirements that impact on the meat processing industry.

280.106 15 credits
**Added-Value Processing of Meat and Meat Products**
The chemistry, microbiology and processing of the production of a wide range of added value meat products will be covered in the course. Topics include restructured meat technologies, hamburger manufacture, ready-to-eat meals, packaging, canned products, surimi processing, bone and mechanically recovered meat processing, tallow refining, fine chemical processing, additive properties and uses, yields and product costing.

280.107 15 credits
**Automation & New Technology in the Meat Industry**
Introduction to automation, new technology and product development methods in the international meat industry including consideration of drivers and constraints and case studies. Technologies covered will include but are not limited to: sensors and machine vision, data capture, traceability, factory farming, biotechnology, cultured meats, and advances in packaging, preservation, decontamination.

**PROCESS ENGINEERING**

280.201 15 credits
**Industrial Microbiology**
An industry focused course in microbiology with particular reference to the importance of microorganisms and their application in selected industries. This programme of study examines the growth and control of industrially important microorganisms, the role of microbes in the production of food products, their application in both waste treatment and in industrial fermentation, and the role of microbes in the health sector. A laboratory course.

280.271 15 credits
**Heat and Mass – Conservation and Transfer**
This course extends the concepts of conservation and transport of heat and mass and thermodynamics in processing systems, the material and system properties that affect these processes and the sourcing or prediction of appropriate material and system data. Unit operations in food or chemical processing industries will be used to demonstrate the application of these principles. A practical course.

280.272 15 credits
**Fluid Flow and Particle Technology**
This course extends the concepts of fluid flow and particulate systems. The principles of fluid mechanics and characterization of rheological properties are applied for Newtonian and non-Newtonian fluids. The characterization and dynamics of particulate systems are introduced and applied to unit operations used in the food and chemical industries, such as cyclones, settlers, centrifuges, fluid beds and filtration. A practical course.
280.304 15 credits
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 15 credits
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 15 credits
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 15 credits
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.

280.702 15 credits
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.

280.721 15 credits
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.

280.760 15 credits
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.

280.771 15 credits
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 ELECTRONICS AND INFORMATION ENGINEERING

281.272 15 credits
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 15 credits
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.

281.281 15 credits
Analogue Electronic Systems
This course builds on the fundamentals of DC and AC electrical circuit analysis. It provides an introduction to the design and building of analogue electronic systems. The course will cover a blend of circuit theories, operational amplifier circuits and applications, filters, oscillators, diodes and transistors circuits.

281.282 15 credits
Digital Electronic Systems
This course builds on the fundamentals of digital logic and the principles of computing. It provides the methodology for designing and building complex digital electronic systems. The topics are a blend of combinational circuits, sequential circuits, finite state machines, and Field-Programmable Gate Arrays (FPGAs). It establishes a foundation for further advanced design in embedded systems.

281.353 15 credits
Control Engineering
This course provides the foundation for the analysis and implementation of feedback control systems. Design and tuning of PID and other linear controllers to meet time and frequency specifications are studied in detail. Both analogue and digital control are considered. Non-linear control is introduced through fuzzy logic control. Practical engineering applications are used to illustrate theory and concepts.

281.374 15 credits
Communication Systems
A study of modern communication system fundamentals including wireless communications. This course builds a sound understanding of how communication systems work, covering practical communication systems. Topics include random process and bandpass signaling principles, analogue and digital modulation, communication circuit components, basics of error control coding, and advanced wireless communication technologies.

281.375 15 credits
Data Communication Networks
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 focuses 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.

281.376 15 credits
Embedded Systems Design
This course lays the foundation for designing and building embedded electronic systems. The topics are a blend of advanced features of a modern mixed-signal microcontroller, real-time operating systems (RTOS) and Field-Programmable Gate Arrays (FPGAs).

281.384 15 credits
Advanced Electronic Circuits
This course covers the foundation for designing and building advanced electronic circuits and systems. It also lays the foundation for more advanced studies in electronic circuits. The topics are a blend of electronic circuits, sensor interfacing and instrumentation amplifiers, low-noise amplifiers, oscillators and filters, radio frequency and communication circuits, power amplifiers, power supply design fundamentals, and phase locked loops.

281.385 15 credits
Digital Signal Processing
This course studies the processing of discrete-time signals in the time and frequency domains. Students are introduced to the design and realisations of digital filters; the theory and application of transform techniques including discrete Fourier transform and discrete wavelet transform; the application of multi-rate signal processing concepts to efficient sample rate conversion and filter banks; and adaptive filtering algorithms.

281.755 15 credits
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
15 credits
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
15 credits
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 concurrence are covered. This course builds an understanding of the design and development of microprocessors and microcontrollers.

281.786 Advanced Micro- and Nano-electronics
15 credits
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.

282 MECHATRONICS AND AUTOMATION ENGINEERING

282.260 Manufacturing Engineering and Computer Aided Design
15 credits
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
15 credits
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
15 credits
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
15 credits
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
15 credits
Simulation, Modelling and Optimisation
A practical course in modelling, simulation and optimisation of systems in industry.

282.762 Robotics and Automation
15 credits
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
15 credits
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
15 credits
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.

283 AGRONOMY

283.006 Pasture and Crop Production
15 credits
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.

283.101 Plants in Agriculture
15 credits
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
15 credits
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.

283.305 Arable Production and Technology
15 credits
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
15 credits
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
15 credits
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.

283.322 Landscape Revegetation
15 credits
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 15 credits
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.

AGRONOMY

283.702 30 credits
Advanced Agronomy
Advanced studies in agronomy based on a selection from within the following: seed science, arable crop, pasture management, weed science and seed science.

283.704 15 credits
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 30 credits
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, polyplody, 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 30 credits
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 15 credits
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 15 credits
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 15 credits
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

285.201 15 credits
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 15 credits
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 30 credits
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 15 credits
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.
EQUIINE
286.131 15 credits
Introduction to Equine Nutrition and Health
An introductory course on principles and knowledge relevant to equine nutrition, behaviour and to selected disease management.

286.211 15 credits
Equine Reproduction and Breeding
Aspects of stud management, reproductive anatomy and physiology, and factors that affect breeding management, fertility and conception, the onset of puberty, breeding season, fertility and conception, and parturition. Common health problems and applied nutrition of the foal, mare and stallion.

286.221 15 credits
Structure and Function of the Equine Athlete
Anatomy and physiology of the respiratory, cardiovascular and musculoskeletal systems of the horse; methods of assessment of these systems; alterations in normal function and the means to treat or manage these alterations.

286.222 15 credits
The Equine Lower Limb
Introduction and exploration of the basic and unique aspects of the tissues of the foot and lower limb of the horse. The emphasis is placed on the structure and functions of the moving parts of the lower limb, how alterations in the functioning of the limb can lead to changes in the horse’s gait, and how corrective measures can berationally proposed.

286.251 15 credits
Equine Behaviour, Training and Welfare
The course will describe the ethology of the horse. Particular emphasis will be placed on understanding the theory of learning and how it underpins basic training and training for the different disciplines. It will describe the welfare of horses associated with different equine management systems both in New Zealand and overseas. The legislation which protects horses will be described.

286.321 15 credits
Responses to Training in the Equine Athlete
As the equine athlete is trained changes occur in the cardiovascular, respiratory and musculoskeletal systems. The basic and applied aspects, and the detection of changes, will be discussed, in the context of training regimens for different equine activities.

286.701 15 credits
Advanced Equine Production
An advanced course in the principles and practises of equine production. Emphasis will be placed on examining current industry practises relating to growth and development, health and injury, and industry organisation.

286.711 15 credits
Equine Science
Advanced studies of aspects of equine nutrition and reproduction. Students will be familiar with the principles of animal nutrition, metabolism and reproduction in other mammalian species, but will need to relate these to the horse by obtaining their own evidence from the literature and applying it to in-depth studies of selected aspects of nutrition and reproduction.

INDUSTRIAL INNOVATION
287.320 15 credits
Product Design
A study of the aesthetic and user-interface aspects of products focusing on the relationship of these aspects to engineering design. Key design techniques are introduced and practised through a series of exercises based on a range of product applications.

287.341 15 credits
Quality Systems Design
The principles of quality systems including total quality management ISO system standards, Baldrige awards, organisational culture, the management of change and continuous improvement and workforce empowerment. Tools and principles for quality management such as quality function deployment, statistical process control and process capability analysis. An introduction to technological systems and the role of the technologist as a change agent and manager in such systems.

287.342 15 credits
Agile Manufacturing
Agile Manufacturing is the capability of surviving and prospering in a competitive environment by reacting quickly and effectively to changing markets, technologies and business relationships. This course explores how a company can become Agile through improving product development, technologies, production systems, information and people management within its organisation and developing appropriate strategies with its supply chain.

287.455 15 credits
Advanced Industrial Management Practices
This course covers the development of professional skills essential for management roles in industrial businesses, e.g. in manufacturing, food and beverage, etc. It involves developing skills such as: managing conflict and change, building teams and setting goals; through the study of World Class manufacturing practices. This is achieved through case studies and relates to real-life scenarios through self-reflection. It also develops a defined career plan to attain management level positions in industry.

287.703 30 credits
Product Development Management
New product development management, design management and project management techniques utilised by major international groups. Examination of case studies on product development techniques used by small and medium-sized enterprises in New Zealand. Comparisons between New Zealand industry practices in product development and international best practices.

287.706 15 credits
New Product Development Practices
An advanced study of new product development principles and best practices that combined, provide structure and discipline for bringing successful new products and services to market. An analysis of new product development processes, market and customer research for product development decision making, and the tools, techniques and metrics that underpin new product development.

287.730 30 credits
Quality Management
The objectives of this course are to explore the development of modern quality management models; position quality management in relation to management, leadership and organisational systems theory; examine concepts of quality assurance and the use of ISO system standards, systems, and techniques and statistical thinking for quality.

287.731 30 credits
Statistical Methods for Quality
This course provides a detailed study of the concept of statistical thinking and its role within quality management and the continuous improvement of processes. The course introduces statistical techniques used within such problem-solving and process improvement methodologies as the PDCA cycle and the DMAIC methodology used within the Six Sigma improvement strategy.

287.732 30 credits
Quality Assurance Project
A practical application of quality management principles and techniques to an organisational situation, incorporating planning, undertaking and reporting of a substantial project. The course also encourages critical review and reflection on the selected project.

287.733 30 credits
Quality Management for Medical Laboratories
Principles of quality management using a management systems approach. Total quality and continuous improvements as they relate to the delivery of services. Application of the New Zealand Code of Good Practice and other documents relevant to the operation of medical laboratories, with particular emphasis on the validation of test methods, calibration and an understanding of repeatability and reproducibility. Quality systems management in the medical laboratory with particular reference to specific codes of good practice related to Medical Laboratory Science. The above topics will be set in the context of the basic principles of quality management.

287.735 15 credits
Quality Improvement
Concepts of and the major approaches to quality improvement. The full range of quality improvement methodologies, tools and techniques as well as team-based problem-solving methods.
287.736 15 credits
Service Quality
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 15 credits
Quality and People
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 15 credits
Quality and Production
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 15 credits
Innovation Management
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 15 credits
Quality System Development and Management
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 15 credits
Business Process Improvement
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 15 credits
Lean Operations
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 15 credits
Advanced Manufacturing Strategies
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.

287.886 45 credits
Thesis 90 Credit Part 1
A supervised and guided independent study resulting in a thesis.

287.887 45 credits
Thesis 90 Credit Part 2
A supervised and guided independent study resulting in a thesis.

287.888 90 credits
Thesis
A supervised and guided independent study resulting in a thesis.

287.897 60 credits
Thesis 120 Credit Part 1
A supervised and guided independent study resulting in a thesis.

287.898 60 credits
Thesis 120 Credit Part 2
A supervised and guided independent study resulting in a thesis.

287.899 120 credits
Thesis
A supervised and guided independent study resulting in a thesis.

CREATIVE MEDIA PRODUCTION

289.101 15 credits
Introduction to Web and Mobile Media
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 15 credits
Visualisation for Media Production
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 15 credits
Introduction to Computer Animation
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 15 credits
Introduction to Visual Effects and Motion Graphics
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 15 credits
Introduction to Digital Video Production
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 15 credits
Introduction to Game Technologies and Mechanics
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 15 credits
Introduction to Audio Production and Sound Design
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 15 credits
Introduction to Animatronics and Modelling
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 15 credits
Introduction to Time-based Editing
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 15 credits
Introduction to 3D Modelling and Texturing
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.
289.112 15 credits
Introduction to Film and Video on Location
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.

289.113 15 credits
Intro to Prototyping for Interactive Projects
In this course students will be introduced to industry standard techniques and strategies for creating prototypes for interactive projects. Students will gain a creative and technical knowledge and understanding of prototyping processes essential for the creation and development of interactive multimedia projects, including hardware, software, VR/AR, and other emerging media.

289.114 15 credits
Intro to Programming for Interactive Projects
In this course students extend their programming skills in a creative context. Students will gain creative and technical knowledge of programming methodologies essential for the development of software, hardware, creative media production pipeline tools, and other emerging technology.

289.190 15 credits
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.

289.191 15 credits
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.

289.192 15 credits
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.

289.202 15 credits
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.

289.204 15 credits
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.

289.205 15 credits
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.

289.206 15 credits
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.

289.207 15 credits
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.

289.208 15 credits
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.

289.209 15 credits
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.

289.210 15 credits
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.

289.211 15 credits
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.

289.212 15 credits
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.

289.220 15 credits
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.

289.221 15 credits
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.

289.290 15 credits
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.

289.291 15 credits
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.

289.301 15 credits
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.
289.302 15 credits
Major Project Innovation Lab
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.

289.303 15 credits
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.

289.304 15 credits
Major Project Production
In this studio course students will be required to work creatively and professionally in inter-disciplinary post-production teams and deliver finished works and assets as agreed with the client for final signoff.

289.305 30 credits
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 teams and deliver finished works and assets as agreed with the client for final signoff.

289.306 45 credits
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. Students will be required to manage deadlines, schedules, budgets and external communications to ensure project completion.

289.307 15 credits
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.

289.308 15 credits
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.

289.309 15 credits
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.

289.310 15 credits
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.

289.311 15 credits
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.

289.312 15 credits
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.

289.390 15 credits
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.

290
RETAIL

290.100 15 credits
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.

290.102 15 credits
Fundamentals of Retailing
An introduction to the fundamental concepts and principles of retailing from local and international viewpoints.

290.201 15 credits
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.

290.202 15 credits
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.

290.203 15 credits
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.

290.204 15 credits
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.

290.301 30 credits
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.

290.302 15 credits
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

291.701 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.  
15 credits

291.702 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.  
15 credits

291.703 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.  
15 credits

291.704 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.  
15 credits

291.711 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.  
15 credits

291.712 Business Communication  
Explores theoretical approaches to business communication and the alternative techniques and technologies that can be deployed.  
15 credits

291.713 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.  
15 credits

291.714 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.  
15 credits

291.721 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.  
15 credits

291.722 Marketing  
Provides advanced marketing theory, current debate and practice. Relates and critiques current thinking and its application to Maori and Indigenous businesses.  
15 credits

291.723 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.  
15 credits

291.724 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.  
15 credits

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.  
15 credits

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.  
15 credits

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.  
15 credits

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.  
15 credits

PORTUGUESE

292.101 Introductory Portuguese Language 1  
An introduction to basic communication skills in spoken and written Portuguese. Aspects of contemporary Brazilian culture and society are also studied.  
15 credits

292.102 Introductory Portuguese Language 2  
An extension of basic communication skills in spoken and written Portuguese. Aspects of contemporary Brazilian culture and society are also studied.  
15 credits

292.201 Intermediate Portuguese Language 1  
Intermediate level written and oral comprehension and communication skills in Portuguese, providing a broad linguistic base for the study of Brazilian culture, literature and civilisation.  
15 credits

292.202 Intermediate Portuguese Language 2  
An extension of intermediate skills in reading, free composition, listening comprehension and oral communication to illustrate aspects of contemporary Brazilian culture and society.  
15 credits

292.301 Advanced Portuguese Language  
Advanced level skills in reading, free composition, listening comprehension and oral communication in Portuguese, illustrating aspects of contemporary Brazilian culture and society.  
15 credits

292.305 Brazilian Culture and Heritage  
Significant aspects of modern Brazilian history, literature, art and culture. This course is taught in Portuguese.  
15 credits

CREATIVE ARTS

293.701 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.  
30 credits

293.702 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.

293.703 15 credits

Advanced Creative Enterprise

A further development of creative enterprise strategies and skills specific to creative disciplines, this course prepares students to take their creative project as close as possible to market. Students will be expected to demonstrate a plan, and execute appropriate stages, for the commercialisation of their Major Project.

293.730 15 credits

Critical Frameworks for Creative Practice

An exploration of a broad range of cross-disciplinary approaches and critical frameworks that students can apply to critique and analyse their own creative practice. Students will learn to frame their creative practice as part of an ideological/artistic movement and develop reflexive and analytical skills through engagement with texts and case studies.

293.731 15 credits

Applied Critical Perspectives

An exploration of advanced critical frameworks and ways they may be applied to creative practice. Students work towards the production of a text through which their Major Project is critically framed.

293.810 90 credits

MCE Major Project

In this course students produce a creative work through practical, critical and technical enquiry.

293.811 45 credits

MCE Major Project Part 1

In this course students produce a creative work through practical, critical and technical enquiry.

293.812 45 credits

MCE Major Project Part 2

In this course students produce a creative work through practical, critical and technical enquiry.

300

TE REO MĀORI

300.110 15 credits

Te Reo Whakakoahaoa: Socialising in Te Reo

An introduction to elementary Maori language structures, Maori terminology and the correct pronunciation of the Maori language.

300.111 15 credits

Te Reo Konakinaki: Developing Te Reo

Ko tenei whakaakoranga reo Maori he i mahinga ma te tauira kua timata ke ki te ako i te reo Maori. Ko tona tino kaupapa, ka whakamahia te reo hei reo whakawhitihiti whakaaro, hei reo korerorero i waenganui i te tangata. This course extends listening, speaking and writing competency to enable students to express themselves in Te Reo on a wide range of topics at an introductory level. Emphasis is on spoken and written Maori as a language of communication and interaction.

300.209 15 credits

Te Reo Torangapu: Political Te Reo

An examination of the language of struggle this course develops the language and skill of the formal processes, including editing, peer review and critical revision.

300.210 15 credits

Te Reo Korerorero: Discussing in Te Reo

Nei ra te reo korerero, te reo tuhituiti hei reo whakawhitihiti i roto i te nohotahitanga a te tangata. Ka tirohia te takotoranga o te reo, nga kupu kei te hangai ki nga kaupapa maha, oirira, ka tirohia nga kipeha penei i te kiwai. Taught in te reo, this course emphasises the use and understanding of spoken and written Maori, focusing on the structure of the language, expanding vocabulary and using figures of speech such as colloquialisms.

300.211 15 credits

Te Reo Whakanakonako: Embellishing Te Reo

Ka akona te momo reo e ahu mai ana i te kawa o o tatou 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 wanangahia te momo reo hei whakapakari i te reo korerorero, ki te reo tuhituiti, i te reo whakamarama. Ko nga whakahaire katoa mo tenei pepa kei roto i 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 15 credits

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 15 credits

Te Reo Papa: Strengthening Te Reo

Tuatahi he ako i te momo reo e ahu mai ana i te moteatea-a-korerorero, korerorero purakau, me nga korerorero mo tetahi o ou na tipuna. I roto i enei kaupapa katoa ka wanangatia tenei momo reo hei whakapakari i te reo korerorero, te reo tuhituiti, te reo whakamarama. Ko nga whakahaire katoa mo tenei pepa kei roto i 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.

300.312 15 credits

Te Reo o te Marae: Karanga and Whaiwhaiwhai

Taught in te reo, this course develops the language and skill of the formal medium of karanga, whaiwhai and other genres, including karakia, waerea, tauparapara and poroporoa, Students appraise and develop aspects of tikanga, style, form and structure.

502

COLLEGE OF SCIENCES COURSES

502.701 60 credits

Workplace-based Learning in the Sciences

Portfolio of study using technical and clinical experiences in the sciences.

502.702 60 credits

Extended Workplace-based Learning in the Sciences

Portfolio of study using technical and clinical experiences in the sciences.
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