“Victoria University’s flexible degree structure has enabled me to combine different study areas and subjects I’m passionate about.”

Brittany Baltus
Graduate, Bachelor of Commerce in Māori Resource Management and Marketing
Student, Bachelor of Commerce with Honours in Marketing
STUDENT RECRUITMENT AND ORIENTATION

Our team offers expert advice on coming to Victoria University of Wellington, choosing your subjects and planning your degree. Look out for us at your school, or contact us with any questions you have about planning your study.

WELLINGTON OFFICE
Level 1, Hunter Building, Kelburn Campus, Wellington
☎ 04-463 5374 or 0800 VICTORIA (842 867)
✉ course-advice@vuw.ac.nz

AUCKLAND OFFICE
Level 4, 50 Kitchener Street, Auckland
☎ 09-300 2080 or 0800 VICTORIA (842 867)
✉ course-advice@vuw.ac.nz

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Cover image: Students Shanara Wallace and Benjamin Aiken examine Te Tiriti o Waitangi, one of three constitutional documents in the He Tohu exhibition at the National Library of New Zealand, which is located near our Pipitea campus.
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Inside back cover
WELCOME TO VICTORIA UNIVERSITY OF WELLINGTON

As a student at Victoria University of Wellington, you will be part of a welcoming, supportive and challenging community. Victoria University is a place where students discover their passions and learn what will inspire their future.

As New Zealand’s globally ranked capital city university, and one that is in the top 100 universities worldwide for many subjects, Victoria University offers you a unique advantage. The quality of our research is considered the best in New Zealand and this excellence naturally transfers to, and enriches, the learning we offer. We are proud of the fact that what we teach at the University is at the cutting edge of human knowledge.

You will also enjoy a student experience that is second to none. The capital city is a great place to live and you will relish being part of, and contributing to, Wellington’s vibrancy and energetic, welcoming feel. You will also have the chance to explore what excites you and what you are capable of doing among the leaders, creators and thinkers who thrive in Wellington.

Whether you’re in our purpose-built halls of residence right in the heart of the city, or you choose other accommodation options, Wellington is a city in which you will make friends easily and quickly feel at home. We know the first year of university study is critical to your tertiary success, which is why we put more resources than other universities into your first-year experience.

As a student at the University, you will have access to excellent support services, including learning and academic guidance, social clubs and communities, recreational facilities, career services and opportunities for volunteering and internships, as well as programmes that help with personal development and leadership. We offer a wealth of support to enhance your learning experience.

We also have a keen eye on your future. We will equip you with a specialised understanding of your field of study, but at the University we are also mindful that you may expect three or four career changes in your working life. We place great emphasis on developing personal attributes such as creativity, critical thinking and being a globally confident citizen. It is the difference between learning subject matter and learning how to think. These qualities will enhance your employability and will remain with you throughout your life.

This publication will help you explore your options, decide your next steps and begin your journey. We look forward to welcoming you to Victoria University of Wellington.

Professor Grant Guilford
Vice-Chancellor
“We place great emphasis on developing personal attributes such as creativity, critical thinking and being a globally confident citizen. It is the difference between learning subject matter and learning how to think. These qualities will enhance your employability and will remain with you throughout your life.”
Victoria University of Wellington has been awarded five stars overall in the QS global university ratings. In addition, the University received five stars in each of the eight categories.*
Top 1% of the world’s 18,000 universities for 17 subjects
Top 2% of the world’s 18,000 universities overall
In the top 40 law schools in the world, in the top 60 for arts and humanities and 83= for social sciences and management*

IN THE WORLD’S TOP 100 FOR 12 SUBJECTS
Archaeology, Development Studies, Earth Sciences, English, Geography, History, Hospitality, Law, Library Management, Linguistics, Performing Arts and Psychology*

Triple crown—Victoria Business School is one of an elite group of commerce faculties worldwide that hold the triple crown of international accreditations of EQUIS, AACSB (Business) and AMBA.

* QS Global University Ratings 2018
WHY VICTORIA UNIVERSITY OF WELLINGTON?

LIFE ON CAMPUS
Victoria University has three city campuses: Kelburn, Pipitea and Te Aro. The Kelburn campus is the centre of your first-year experience with lively social spaces in the Hub where you can catch up with study, grab a coffee, eat lunch or hang out with friends. Everything you need is on campus—there’s a good choice of cafés, a bookshop, pharmacy and bank, as well as the Adam Art Gallery, an award-winning building housing a changing programme of exhibitions. The campus also includes a new, state-of-the-art science block.

From their second year onwards, Commerce and Law students will study at our Pipitea campus, in the heart of Wellington’s legal, government and business district. The Pipitea campus is home to a modern hub, which includes the newly refurbished library, study and teaching spaces.

The University’s Schools of Architecture and Design are located at the Te Aro campus, just around the corner from Wellington’s famous Cuba Street that has eclectic shops, a great café scene and nightlife.

LIVELY, CREATIVE CAPITAL
Wellington has something for everyone, with great shopping, beaches, mountain bike trails, galleries, museums, restaurants and the best café culture in the country. Head to the coast, just a short drive from the city, to swim, surf or sail. Enjoy the vibrant nightlife of the central city and check out the night markets, festivals, theatre and live music shows every night of the week.

LIFE IN WELLINGTON
Wellington is a beautiful city that makes the most of its natural surroundings. It’s compact and easy to get around. You can walk just about anywhere, or ride our great public transport system. In just minutes, you can escape the city to explore miles of coastline, take a walk in native bush or relax on sandy beaches. By studying at Victoria University of Wellington, you will become part of the diverse and friendly community of our thriving capital city.
CAPITAL THINKING
Come and experience the benefits of the University’s strong connections with government, business and the country’s top scientific, cultural and creative organisations.
As the capital city, Wellington is home to many national organisations and treasures, including Parliament, Te Papa Tongarewa, the Supreme Court, the National Library, Zealandia and the New Zealand Film Archive, as well as the highest concentration of science organisations in New Zealand.

MAKING CONNECTIONS
The University operates at the interface between business, innovation and regulation. We have strong connections with political, public sector, legal, diplomatic, cultural, scientific, corporate, community, media and non-governmental organisations.
Our capital city connections mean students have excellent opportunities for part-time work, volunteering and internships, as well as networking for jobs once they graduate.

GLOBALLY MINDED
Come and be part of a truly international community right in the heart of our thriving capital city. Our programmes and research focus on New Zealand, the Asia–Pacific region and the world. Opportunities for international experiences and knowledge continue outside the lecture theatres—you can go on exchange to more than 100 different universities and get involved with the Victoria International Leadership Programme.

AWARD-WINNING EDUCATORS
Teaching staff who care about your future will help make your time at the University a success. Most courses include tutoring in small groups, where you can discuss your ideas, ask questions and get individual help. A number of our staff have won National Tertiary Teaching Excellence awards for innovative teaching.

CHOICE AND FLEXIBILITY
We pride ourselves on giving our students freedom to choose their own path through study. University is a time to explore your interests, and our flexible degree structure means you can try out new subjects and discover where your passions lie.
THE VICTORIA UNIVERSITY EXPERIENCE

Preparing for university
Getting involved
Supporting your success
Māori students
Pasifika students
International students
The transition from secondary school to university life can be a challenge, full of new and exciting experiences. Victoria University is dedicated to helping you succeed by providing a range of student services and support from the moment you arrive on campus.

COME TO ORIENTATION
The University’s New Students’ Orientation (NSO), held from 25 February to 1 March 2019, is your opportunity to connect with other students, staff and the wider Wellington community. Find your way around, meet new people and pick up some vital academic preparation skills before classes start. Held the week before lectures start, NSO is your chance to get organised and set up for a great year of study, while throwing yourself into the fun activities and gigs all over campus.

There are specialised orientations for each faculty and for different groups of students, as well as workshops and tours. For those starting in Trimester Two, there’s a one-day orientation programme in July.

In the first week of March, lectures start and the OWeek festival continues, with bands playing on campus and exciting events around Wellington. Be sure to come along to Clubs Week in the Hub, and find a student group, club or society that’s right for you. Joining a club is a great way to try out new things and make new friends.

SIGN UP FOR CAMPUS COACHES
The Campus Coaches programme is designed to help you get connected with the University by helping you find your way around, connect with other students from your faculty and make the transition into university life and study.

It can be overwhelming moving into a hall, joining a club and engaging with your faculty when you first arrive. Our Campus Coaches want to make your transition as smooth as possible, by offering two different options of engagement, depending on your preferences.

JOIN WGTN HALL
WGTN Hall gives non-halls first-year students the chance to participate in social activities and sports, and to connect with other students who don’t live in a hall of residence.

The programme of activities, run by students for new students, is designed to help you get involved and make the most of your first year at the University. WGTN Hall uses online tools to help you stay in touch with other members and to keep you up to date with what's happening on campus.

www.victoria.ac.nz/campus-coaches

www.victoria.ac.nz/wgtn-hall
Being a university student is about more than just books—it’s about getting involved, meeting new people and trying new things. Extracurricular activities are a great way to boost your CV, broaden your mind, make new friends and have fun. Get involved and make the most of your university experience.

www.victoria.ac.nz/get-involved

GETTING INVOLVED

STAY HEALTHY, ACTIVE AND CONNECTED

Staying social and active will support your academic aspirations at Victoria University.

Victoria Recreation

Victoria Recreation provides sports, recreation, wellbeing, fitness and club services to the Victoria University community. Playing in a sports league or attending a yoga class is a great way to take time out from study and connect with like-minded people. A variety of recreation spaces can be used casually and free of charge, and signing up for a fitness membership provides access to the gym’s weights and cardio equipment and/or popular group-exercise timetable.

www.victoria.ac.nz/recreation

Join a club

Give your student experience a boost by getting involved with a club or society. There are more than 150 clubs on campus, including cultural, performing arts, political, religious and sporting groups.

www.victoria.ac.nz/clubs
GO ON AN OVERSEAS EXCHANGE
Travel, immerse yourself in another culture and gain a new academic perspective with an overseas exchange.

Victoria Abroad
Victoria Abroad is a student exchange programme offering you the opportunity to broaden your horizons overseas while studying towards your degree. The benefits of participating in a Victoria Abroad exchange will stay with you for life and may even help shape your career. Victoria Abroad has more than 140 partner universities stretching across five continents. You could study at some of the world’s most prestigious universities located in Argentina, Canada, Fiji, France, Hong Kong or Spain, and many places in between.

More than half our exchange partners teach in English and, although Victoria Abroad is perfect for those studying internationally focused degrees, it is relevant for all fields of study.

Victoria Abroad provides individual support to students from their first enquiry to returning to the University. Application processes, credit transfer, pre-departure information and scholarships are covered.

Students receiving StudyLink Loans and Allowances continue to be eligible while on exchange.

All successful Victoria Abroad students will receive a grant of $1,000 in support of their exchange. Students participating in the Victoria International Leadership Programme are also eligible for credit towards that programme and up to an additional $1,000 in funding.

www.victoria.ac.nz/exchange

TAKE ON A LEADING ROLE
Our leadership programmes are designed to help you develop your leadership potential, expand your local and global knowledge and help you gain skills that employers are looking for.

Victoria Plus Programme
The Victoria Plus Programme is the University’s prestigious service and leadership development programme. It is for students who are keen to extend themselves by getting involved in volunteering, student support work and self-development alongside their degree. Victoria Plus is an opportunity to develop real-world skills and knowledge that will complement your studies and enhance your employability. The programme will help you build an understanding of social responsibility and leadership, and connect you with your community on campus and in Wellington city.

Victoria Plus is free and you can shape the programme to suit your schedule, studies and interests. There are two levels of achievement—certificate and award—and successful completion is acknowledged on your academic transcript. Both levels involve:
- engagement in extracurricular activities
- attendance at professional and personal development workshops
- reflection on learning.

Get involved in your first year, engage in new experiences and gain confidence in your abilities!

www.victoria.ac.nz/victoria-plus

Victoria International Leadership Programme
The Victoria International Leadership Programme (VILP) is a free, award-winning extracurricular programme for students wishing to enhance their global awareness and get involved in internationally related events and activities.

The programme deepens knowledge of international issues, develops leadership potential and fosters cross-cultural engagement. It provides chances to network with the academic, diplomatic and broader international community, as well as opening up opportunities for multicultural and international experiences.

Upon completion, your achievement is acknowledged on your official Victoria University of Wellington transcript and with a certificate of completion.

With the VILP you will:
- gain an awareness of international issues and then reflect on these through a seminar series
- attend networking speaker events where distinguished international speakers will inform and inspire you
- design your own selection of experiential activities, all with an international or cross-cultural element, including studying and volunteering abroad, internships with embassies and international organisations, international buddy programmes, taking a foreign language course and professional and personal development opportunities both in Wellington and overseas.

www.victoria.ac.nz/vilp
SUPPORTING YOUR SUCCESS

Victoria University has a range of student services to help you succeed academically and make your experience a positive one. Some of our services are listed below.

ACCOMMODATION
Victoria Accommodation offers advice and guidance when finding suitable accommodation in both halls of residence and the private market.

- www.victoria.ac.nz/accommodation

BOOKS AND COURSE MATERIALS
Textbooks and course materials can be purchased from Vic Books. Vic Books is in the Hub at Kelburn campus and in Rutherford House at Pipitea campus.

- www.vicbooks.co.nz

CAREERS
Careers and Employment offers professional advice on career planning, job exploration and career development. We can help you apply for jobs and internships and we run free workshops on CVs, cover letters, interview tips and career-related topics. On CareerHub, you can find useful resources and study-related part-time jobs, summer internships, work experience and graduate jobs. Career expos and other events held throughout the year bring together students, employers and graduates to discuss career opportunities and establish valuable networks.

- www.victoria.ac.nz/careers

CHAPLAINS
The University chaplains offer pastoral and practical support for all, regardless of belief.

- www.anglicanchaplaincy.org.nz
- www.facebook.com/AngChap

COMPUTING
The University has more than 1,200 computers for student use and wireless internet coverage on all our campuses.

- www.victoria.ac.nz/student-computing

DISABILITY SERVICES
Victoria University strives to create an environment that values diversity. Disability Services works alongside approximately 1,500 students with impairments each year and should be your first point of contact. If you are Deaf, have an impairment, mental distress, injury, medical condition or specific learning disability that affects your learning, participation or enjoyment at university, tailored assistance is available.

We can help you with individualised coaching and planning, accessible arrangements for courses and exams, liaising with academic staff to help them understand your needs, adaptive technology and note-taking assistance for lectures. We also provide access to ergonomic equipment, quiet spaces to rest and study, mobility parking and accessible transport between campuses.

Contact Disability Services as early as possible prior to commencing study.

- www.victoria.ac.nz/disability

EARLY CHILDHOOD EDUCATION
The early childhood services, located at Fairlie Terrace at the Kelburn campus, offer up to 70 places for children under five years.

- www.victoriakids.co.nz

EMPLOYMENT
CareerHub
Access CareerHub for the latest resources, job vacancies and career events. You’ll also find tips for career planning and CV building.

- www.victoria.ac.nz/careerhub

Student Job Search
Student Job Search is a not-for-profit organisation dedicated to helping tertiary students find work while they study.

- www.sjs.co.nz

FINANCIAL ADVICE
Student finance advisers provide confidential and non-judgemental financial mentoring and budget advisory services.

- www.victoria.ac.nz/money

HEALTH AND WELLBEING
Counselling
Counsellors are available at Student Counselling to discuss personal and academic issues that affect your general sense of wellbeing, your relationships or your learning.

- www.victoria.ac.nz/counselling

Medical services
Student Health offers a full range of affordable general practice medical services on campus, including contraception and sexual healthcare, illness and injury care, preventative care and referrals to specialist care.

- www.victoria.ac.nz/student-health
LANGUAGES
The Language Learning Centre supports the learning of more than 70 different languages by providing self-access digital and print resources including audio, software, DVDs and ETV in several languages.

LEARNING SUPPORT
The learning advisers at Student Learning work with you to develop the academic, study, writing and maths skills necessary for university study at undergraduate and postgraduate level.

LIBRARIES
The University’s library facilities have a range of services to help you use the Library effectively—tours, classes, online subject guides and tutorials.

MATURE STUDENTS
For tips on balancing work, life and study commitments, check out the Mature Students’ Orientation session during New Students’ Orientation Week in February.

RECREATION
Victoria Recreation provides sports, recreation, wellbeing, fitness and club services to the University community. For high-performing athletes who require additional assistance, there are staff who can help balance training and competition with academic demands.

STUDENTS’ ASSOCIATION
The Victoria University of Wellington Students’ Association (VUWSA) provides a range of services including advocacy, student events, welfare support and student media.
Nau mai, haere mai ki Te Whare Wānanga o Te Úpoko o Te Ika a Māui.
At Victoria University of Wellington, you are family from the moment you set foot on our campus—we have a supportive whānau environment waiting to welcome you.

The kaitakawaenga Māori/Māori liaison officer, Tayla Cook, is your first point of contact with the University. Tayla provides advice on university study, planning your programme, grants and scholarships and can point you in the right direction to the range of support services for Māori students, to ensure you achieve your academic goals.

04-463 6668
tayla.cook@vuw.ac.nz

SUPPORT
We take the transition and success of Māori students seriously and offer many support programmes to help you succeed at Victoria University, including academic support, study groups, tutorials, study spaces and computer facilities. Mentoring and support for Māori students is offered by every faculty.

Te Pūtahi Atawhai translates as ‘where people come together to pursue academic and personal success’. The Māori success coordinators/kaiakiaki Māori encourage and assist Māori students to participate and succeed at university. They can provide specific support, based on your individual needs, and can link you to other services at the University that can help you.

Te Pūtahi Atawhai provides an academic mentoring programme for Māori students in the Faculty of Education, the Faculty of Humanities and Social Sciences, New Zealand School of Music and Victoria Business School. We will match you with a senior student who has already passed your course and can provide you with the essential tools you need to succeed.

Research has shown that this type of student-to-student mentoring contributes significantly to better achievement and success for students who participate. Mentoring is voluntary, and highly recommended.

Te Rōpu Āwhina is the on-campus whānau for Māori and Pasifika students in the Faculties of Science, Engineering and Architecture and Design. Āwhina is about collective success, high expectations, aspirations, achievements and inclusiveness. We provide academic mentoring and culturally supportive environments for students from their first year to postgraduate-level study.

Student Learning / Te Taiako has a Māori learning adviser to support Māori students.

The kaitakawaenga ture/Māori law students’ coordinator provides mentoring and academic support programmes to students enrolled in Faculty of Law courses.

04-463 6305
law-enquiries@vuw.ac.nz
MĀORI STUDENT ASSOCIATIONS

Ngā Rangahautira, the Māori law students’ association, is a group that is passionate about developing skilled Māori Law students who are committed to kaupapa Māori.

Ngā Taura Umanga, the Māori commerce students’ association plays a key role in developing strong relationships between Māori students, staff and alumni.

Ngāi Tauira, the Victoria University Māori Students’ Association, provides services to all Māori students for their specific educational, cultural, political and social needs.

Te Hohaieti o Te Reo Māori, the Māori language society, is a group that seeks to provide space for students to utilise and strengthen their te reo Māori. Te Hōhaeti does this through organising and facilitating activities and events students can join, regardless of their te reo Māori proficiency.

MARAE

Te Herenga Waka, the marae on our Kelburn campus, is a gathering place as well as a teaching facility.

Resources, support and activities include:

- Te Whanake Mauri Tū Computer Suite
- $5.00 lunches in the wharekai from Monday to Friday
- whānau housing.

www.victoria.ac.nz/marae

DEPUTY VICE-CHANCELLOR (MĀORI)

The deputy vice-chancellor (Māori) provides strategic advice to ensure the University meets its obligations to Te Tiriti o Waitangi.

Professor Rawinia Higgins

04-463 5303

tumu.ahurei@vuw.ac.nz

OUR SCHOOLS

Te Kawa a Māui / School of Māori Studies offers courses in Māori language, culture and society. The School offers the Tohu Māoritanga / Diploma in Māoritanga (see page 32) and a Bachelor of Arts with majors in Te Reo Māori, Māori Resource Management and Māori Studies. You can choose to do any of these majors with other areas that interest you. Te Kawa a Māui courses are designed to produce graduates who are competent in te reo Māori and who have detailed knowledge of Māori culture and society.

www.victoria.ac.nz/maori

Te Kura Māori in the Faculty of Education undertakes teaching and research related to Māori education, policy and practice.

www.victoria.ac.nz/te-kura-maori

STUDIES RELATED TO AOTEAROA NEW ZEALAND

We offer a range of courses about contemporary issues in Aotearoa New Zealand. As well as the programmes and courses offered by Te Kawa a Māui, other schools have courses that you may be able to include in your programme of study. These include courses in Māori education, Māori and New Zealand history, Māori media and Māori politics. The Tohu Māoritanga / Diploma in Māoritanga (see page 32) can be studied full time in one year or part time over two years.

www.victoria.ac.nz/aotearoa-courses

GRANTS AND SCHOLARSHIPS

There are a number of grants and scholarships available for Māori students. These include the Victoria Totoweka scholarships and various grants and scholarships offered by iwi and land trusts. The University is currently partnering with a number of those iwi and land trusts to increase the grants and scholarships to their students studying here.

The kaitakawaenga Māori / Māori liaison officer has details of these grants and scholarships, and more information can be found on our website.

www.victoria.ac.nz/scholarships

ORIENTATION

All first-year Māori students are encouraged to come to an orientation at Te Herenga Waka marae, held during New Students’ Orientation in February. This is an excellent opportunity to meet other Māori students, hear about support services and familiarise yourself with the University before lectures start.

www.victoria.ac.nz/orientation

FIND OUT MORE

www.victoria.ac.nz/study/maori
Talofa lava, malo e lelei, taloha ni, kia orana, ni sa bula vinaka, fakaalofa lahi atu, fakatalofa atu, gud de tru, kaselehlie, halo olaketa, ia orana, kam na mauri and warm Pasifika greetings.

Come and join our diverse Pasifika community at Victoria University of Wellington. A friendly and effective support network will help you get the most out of your studies, make new friends for life and enjoy your time here.

The Pasifika liaison officer, Tapu Vea, is your first point of contact here. She provides advice on university study, planning your programme, grants and scholarships and the range of specialised support to help Pasifika students achieve their academic goals. She will also assist you through the enrolment process. Contact Tapu if you are thinking about coming to Victoria University of Wellington.

SUPPORT

Victoria has a range of Pasifika support services to help you do well in your studies.

Te Pūtahi Atawhai translates as ‘where people come together to pursue both personal and academic success’ and it is a space designed especially for Pasifika and Māori students to relax, work or collaborate in a culturally rich environment.

Pacific success coordinators work with Pasifika students to help them participate and succeed at university. You are provided with an ato niu (basket) of specific support tailored to your individual needs and aspirations and you can be linked to other services at the University. Pop in anytime or make an appointment.

An academic mentoring programme is available for Pasifika and Māori students in the Faculty of Education, the Faculty of Humanities and Social Sciences, New Zealand School of Music and Victoria Business School. We will match you with a senior student who has already passed your course and can provide you with the essential tools you need to succeed.

Research has shown that this type of student-to-student mentoring contributes significantly to better achievement and success for students who participate. Mentoring is voluntary, and highly recommended.

Te Rōpu Āwhina is an on-campus whānau for Pasifika and Māori students enrolled in degrees or courses in the Faculties of Science, Engineering and Architecture and Design. We provide an inclusive whānau environment where collective success, high expectations, aspirations and achievements are celebrated. Our kaupapa (goal) is to produce scientists, technologists, engineers, architects and designers to contribute to Pasifika and Māori community development and leadership. We do this by providing academic mentoring and culturally supportive environments to Pasifika and Māori students in our faculties, from their first year to postgraduate-level study.

Student Learning / Te Taiako has a Pasifika learning adviser to support Pasifika students and help with academic writing and study skills.

The Pasifika law coordinator runs a mentoring programme and provides pastoral care for Pasifika students studying Law.
PASIFIKA STUDENT ASSOCIATIONS

The Pasifika Students’ Council is a student representative group that consults and supports the University’s Pasifika students. The group provides academic and holistic support to all Pasifika students to enhance their university experience.

pasifikavuw@outlook.com
www.facebook.com/pasifikavuw

There are several clubs for Pasifika students, including:
- Cook Islands Students’ Association
- Fijian Students’ Association
- Melanesian Students of Wantoks
- Pacific Island Law Students’ Society
- Papua New Guinea Sumatin VUW
- Samoan Students’ Association
- Tokelauan Students’ Association
- Tongan Students’ Association
- Tuvaluan Students’ Association
- Wellington Timor-Leste Student Society.

To join, attend the Clubs Week in the Hub during the first week of Trimester One or get in contact with the clubs via the online Clubs’ Directory.

www.victoria.ac.nz/clubs

PASIFIKA HAOS

Pasifika Haos is a place of belonging for all Pasifika students on campus. It is run by the Pasifika Students’ Council executive and leaders of the Pasifika students’ associations, with oversight by the assistant vice-chancellor (Pasifika). Pasifika Haos has a common space equipped with audio-visual sound, computers and printers, meeting rooms, study and social spaces, a kitchenette and a telephone for local calls.

www.victoria.ac.nz/clubs

STUDIES RELATED TO THE PACIFIC

Victoria University offers a range of courses about the Pacific and its peoples. The courses include Architecture, Art History, Education, English Literature, Geography, History, International Relations, Law, Māori Studies and Political Science.

Va’aomanū Pasifika offers studies in Samoan language and culture and Pacific Studies. Two Pacific-focused subjects can be taken as majors: Samoan Studies examines Samoan language and culture; Pacific Studies is a major that draws on many fields of study and looks at the histories, cultures and politics of Melanesian, Micronesian and Polynesian people.

GRANTS AND SCHOLARSHIPS

There are grants and scholarships available to Pasifika and Māori students, including the Victoria Totoweka scholarships, the Tumau Awards and the Pacific Islands Polynesian Education Foundation scholarships. Contact the Scholarships Office for more information.

www.victoria.ac.nz/scholarships

ORIENTATION

Specific events for Pasifika students are held during New Students’ Orientation in February to help Pasifika students prepare for a successful experience at the University.

All first-year Pasifika students are encouraged to attend. This is an excellent opportunity to meet other Pasifika students, hear about support services and familiarise yourself with the University before lectures start.

www.victoria.ac.nz/orientation

FIND OUT MORE

www.victoria.ac.nz/study/pasifika

ASSISTANT VICE-CHANCELLOR (PASIFIKAI)

The assistant vice-chancellor (Pasifika) provides strategic direction and advice to ensure the University supports Pasifika students and staff.

Associate Professor Hon. Luamanuvao Dame Winnie Laban

04-463 6152
winnie.laban@vuw.ac.nz
INTERNATIONAL STUDENTS

Victoria University is home to 3,500 international students from more than 100 countries. The Victoria International office is the first point of contact for international students choosing to study here and the team is dedicated to your success. Team members will assist you with your application and enrolment, they hold a tailored International Orientation programme to help you get settled into New Zealand university life and they’ll help you throughout your studies to make sure you are achieving what you set out to achieve.

Victoria International

04-463 5350
victoria-international@vuw.ac.nz
www.victoria.ac.nz/international

ENTRY REQUIREMENTS

For students coming from New Zealand secondary schools, National Certificate of Educational Achievement (NCEA), Cambridge International Examinations (CIE) and International Baccalaureate (IB) University Entrance (or equivalent) apply, including the literacy and numeracy requirements (see page 27). If you gain University Entrance (UE) and have studied at a New Zealand secondary school for at least one year, you meet the University’s English language requirements. The Guaranteed Entry Scores (GES) for NCEA, CIE and IB do not apply to international students.

CERTIFICATE IN FOUNDATION STUDIES

The University’s Foundation Studies programme is designed to help international students who don’t meet our entry requirements to prepare for undergraduate study. The programme is taught exclusively by ACG New Zealand International College and offers successful students guaranteed entry to the University’s undergraduate programmes.

MEDICAL AND TRAVEL INSURANCE

All international students must have appropriate medical and travel insurance while studying in New Zealand. You are automatically signed up to a comprehensive insurance plan provided by StudentSafe when you accept your offer of study at Victoria University. If you already have medical and travel insurance, or wish to purchase an alternative policy, it is essential that you check this with Victoria International.

www.victoria.ac.nz/international-insurance

STUDENT VISA

All international students must have a valid student visa to enrol here and your visa must state that you are permitted to study at Victoria University of Wellington. Full details of visa requirements and advice on rights to employment in New Zealand while studying are available from Immigration New Zealand.

www.immigration.govt.nz

SCHOLARSHIPS

Victoria University offers a range of scholarships for international students:
- Victoria International Excellence Scholarship
- Victoria Kahotea Scholarship
- Victoria Tangiwai Scholarship
- Victoria Totoweka Scholarship.

Further information on these and other scholarships is on the website.

www.victoria.ac.nz/scholarships

INTERNATIONAL STUDENT SERVICES

The staff at Victoria International are here to help you from when you first apply until you graduate. Services include:
- arrival meeting service
- insurance claim support
- international applications and admissions
- International Buddy programme
- international student orientation and events
- personal, cultural and academic support and referral
- student visa renewal.
ADMISSION AND ENROLMENT

- 24 How to apply
- 26 Admission
- 30 Enrolment
- 32 Tohu Māoritanga / Diploma in Māoritanga
HOW TO APPLY

Follow these steps to help you apply and prepare for study.

1.

Check University Entrance requirements
To be accepted to study at Victoria University, you must meet University Entrance requirements. You will need to meet one of the admission types to gain entry—see page 26 for more information.

Got a question? Contact the Admission Office (see below).

2.

Plan your programme
Decide which degree is right for you and what courses you wish to study. See page 46 for advice on planning your degree.

You will need to:

- make a timetable
- balance your workload
- check enrolment deadlines.

Need course advice? Contact the Student Recruitment and Orientation team (see below).

THE ENROLMENT PROCESS

1. Course and programme approval
   This is assessed by the relevant faculty office. Once a decision is made, you will receive either a Conditional Offer or Offer of Study by email.

2. Admission is assessed
   Once your University Entrance results are available, your entrance to the University can be assessed by the Admission Office.

3. Accept your Offer of Study
   To become fully enrolled, you must have met all of the requirements and accepted your Offer of Study.

4. You’re confirmed
   Once everything is finalised, a Confirmation of Study will be sent to you by email advising that you are enrolled.

PREPARE FOR STUDY

Before lectures start, you’ll need to:

- apply early to StudyLink if paying fees by Student Loan as applications may take up to 12 weeks to process: www.studylink.govt.nz
- find accommodation: www.victoria.ac.nz/accommodation
- collect your student ID card: www.victoria.ac.nz/student-id
- come to Orientation, 25 February–1 March 2019: www.victoria.ac.nz/orientation

GET IN TOUCH

Admission Office
For help with admission:
 0800 VICTORIA (842 867)
 admission-office@vuw.ac.nz

Enrolment Office
For help submitting or completing your enrolment application online:
 0800 VICTORIA (842 867)
 enrolment-enquiries@vuw.ac.nz

Student Recruitment and Orientation
For help with planning your degree and courses:
 0800 VICTORIA (842 867)
 course-advice@vuw.ac.nz

www.victoria.ac.nz/steps-to-apply

KEY DATES

Halls of residence applications open for 2019
1 AUG 2018

Victoria University school-leaver scholarship applications due

Halls begin to review applications
15 SEP 2018
Apply to enrol

Apply online at www.victoria.ac.nz/apply

When you enrol, you need to select the core courses for your major(s) and minor(s), and any elective courses you need to complete for your degree.

You will also need:
- an up-to-date email address
- a photo for your student ID card.

Need help with enrolment? Contact the Enrolment Office (see previous page).

Submit supporting documentation

You will be advised of the documentation requirements when you submit your enrolment.

Documents are due by **20 January 2019**.
To study at Victoria University of Wellington, you need to gain admission and apply to enrol. There are eight types of admission for 2019. Work out what admission type you will be applying under and then go to page 30 to learn how to enrol. Make sure you choose your highest level of study or qualification when applying for admission.

The following information applies to New Zealand and Australian citizens and permanent residents. If you are an international student, see page 20.

**GAINING ADMISSION**

To be accepted into the University, you will need to:

- achieve University Entrance—the following pages explain what is required for each admission type
- apply to enrol by 10 December 2018 to ensure a place in your preferred courses. Enrolment applications are due by 20 January 2019.

You will normally need to be at least 16 years of age by the first day of the trimester in which you wish to begin studying. If you have completed degree-level courses while still at school, you can apply to have those courses credited to your degree. You will also need to have the University Entrance qualification and have achieved the Guaranteed Entry Score for that degree.

**DEGREE ADMISSION**

To gain admission into your degree programme, you need to achieve University Entrance and fulfil any degree-specific requirements. More information about specific prerequisites can be found in the subject and course information pages (from page 117).

**Guaranteed Entry Score**

To be accepted automatically into programmes offered, you will need to achieve the Guaranteed Entry Score. This is a rank score calculated from your school results. If you achieve University Entrance but do not achieve the Guaranteed Entry Score, we may waitlist you and offer you a place in your programme if there are sufficient places. The following pages explain how to calculate your rank score.

**UNDER-REPRESENTED GROUPS**

Victoria University is committed to providing pathways to university for under-represented groups. If you are a Māori or Pasifika student and you achieve University Entrance but do not achieve the Guaranteed Entry Score, you will be assessed for admission. You will be required to consult a course adviser to ensure that your programme and workload are appropriate. As part of studying for a degree, you will also need to participate in the support programmes offered at the University.

Applications from students with disabilities who achieve University Entrance but do not achieve the Guaranteed Entry Score will be assessed on a case-by-case basis.

**TYPES OF ADMISSION FOR 2019**

There are various ways you can gain admission to Victoria University. The following admission types apply to New Zealand or Australian citizens and New Zealand permanent residents. International students should see page 20.

1. **New Zealand University Entrance Qualification**
   - For applicants with NCEA, Bursary (pre-2004) and University Entrance (pre-1986)

2. **Cambridge International Examinations (CIE)**
   - For applicants who sat CIE in New Zealand

3. **International Baccalaureate (IB)**
   - For applicants who sat IB in New Zealand

4. **Qualification assessment at entrance level**
   - For applicants with combinations of the CIE or IB with NCEA, other recognised university entrance qualifications from New Zealand (for example, a New Zealand Certificate of Steiner Education), university entrance qualifications from overseas, or completed relevant Level 4 qualifications from New Zealand

5. **Qualification assessment above entrance level**
   - For applicants with any tertiary study at Level 5 or above from another institution

6. **Victoria University entrance qualification**
   - For applicants who have completed the Victoria University of Wellington Foundation Studies Programme or the Tohu Māoritanga / Diploma in Māoritanga

7. **Discretionary entrance**
   - For applicants completing Year 12 or applying following an overseas secondary school exchange

8. **Special admission**
   - For applicants who are New Zealand or Australian citizens, permanent residents or diplomatic passport holders and who are aged 20 years or older and do not hold a recognised university entrance qualification

**FIND OUT MORE**

🌐 [www.victoria.ac.nz/admission](http://www.victoria.ac.nz/admission)

Admission Office
📞 0800 VICTORIA 842 867
✉️ admission-office@vuw.ac.nz
1. NCEA

An NCEA Level 3 Certificate

<table>
<thead>
<tr>
<th>Literacy</th>
<th>14 credits at Level 3 in an approved subject</th>
<th>14 credits at Level 3 in an approved subject</th>
<th>14 credits at Level 3 in an approved subject</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10* credits at Level 2 or above</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(5 in reading, 5 in writing)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Numeracy</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>10* credits at Level 1 or above</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* From specified lists of standards. See www.nzqa.govt.nz

NCEA approved subjects for entrance to university

Accounting
Agriculture and Horticulture
Biology
Business Studies
Calculus
Chemistry
Chinese
Classical Studies
Construction and Mechanical Technologies
Cook Islands Māori
Dance
Design (Practical Art)
Design and Visual Communication
Digital Technologies
Drama
Earth and Space Science
Economics
Education for Sustainability
English
French
Geography
German
Health Education
History
History of Art
Home Economics
Indonesian
Japanese
Korean
Latin
Mathematics
Media Studies
Music Studies
Painting (Practical Art)
Photography (Practical Art)
Physical Education
Physics
Printmaking (Practical Art)
Processing Technologies
Religious Studies
Samoan
Science
Sculpture (Practical Art)
Social Studies
Spanish
Statistics
Te Reo Māori
Te Reo Rangatira
Technology
Tongan

Rank score

Your rank score will be based on your 80 best credits in University Entrance approved subjects at Level 3 and weighted by the level of achievement. A maximum of 24 credits in each subject can be counted. If you have achieved fewer than 80 credits at Level 3, the rank score will be based on those you have achieved.

You should take approved subjects wherever possible in your school programme—for university entrance purposes and as the best preparation for university study.

How to calculate your NCEA rank score:

1. Create a table like the one below, using a maximum of 24 credits in each subject.
2. Count up all your Excellence and Merit credits first, then count as many Achieved credits as you need to get to a total of 80 credits. In the example below, only 44 of the Achieved credits will be counted because the student already has 36 Excellence and Merit credits.
3. Calculate points towards your rank score as follows.
   - Excellence 4 points each
   - Merit 3 points each
   - Achieved 2 points each
4. Add your points together to get your rank score.

Example rank score for NCEA

<table>
<thead>
<tr>
<th>Approved subject</th>
<th>Excellence credits (worth 4 points each)</th>
<th>Merit credits (worth 3 points each)</th>
<th>Achieved credits (worth 2 points each)</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>8</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>History</td>
<td>-</td>
<td>6</td>
<td>10</td>
</tr>
<tr>
<td>Statistics</td>
<td>4</td>
<td>4</td>
<td>16</td>
</tr>
<tr>
<td>Geography</td>
<td>-</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>French</td>
<td>-</td>
<td>-</td>
<td>24</td>
</tr>
<tr>
<td>Subtotals</td>
<td>12</td>
<td>24</td>
<td>66</td>
</tr>
<tr>
<td>Best 80 credits</td>
<td>12</td>
<td>24</td>
<td>44</td>
</tr>
<tr>
<td>Calculate points</td>
<td>48 pts (12 x 4)</td>
<td>72 pts (24 x 3)</td>
<td>88 pts (44 x 2)</td>
</tr>
<tr>
<td>Rank score</td>
<td>208 pts</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Guaranteed Entry Score

The Guaranteed Entry Score for 2019 from NCEA for all undergraduate degrees is 150 points, except for the Bachelor of Architectural Studies and the Bachelor of Building Science, which is 180 points.
2. CAMBRIDGE INTERNATIONAL EXAMINATIONS

University Entrance
Exams must be taken in New Zealand.
University Entrance through Cambridge International Examinations (CIE) consists of:
- a minimum of 120 points on the UCAS Tariff at A or AS level from any syllabus groups, which are broadly equivalent to those in the list of approved subjects for NCEA
- a D grade or better in syllabuses from at least three different syllabus groups (excluding Thinking Skills). For the literacy and numeracy requirements you will need:
- an E grade or better in any one of AS English Language, Language and Literature in English, Literature in English
- a D grade or better in IGCSE or GCSE Mathematics.

Rank score
Your CIE rank score will be calculated according to your UCAS Tariff score. You can count a maximum of six subject units over the past two years of study, in subjects at AS, A2 or A level from syllabus groups that match the NCEA University Entrance approved subjects. No more than two subject units may be counted from any one syllabus group. A CIE rank score may differ from the UCAS Tariff used for University Entrance because only syllabus groups broadly equivalent to NCEA approved subjects are used for ranking. An A level counts as two subject units. If you have studied more than six subject units, the best six scores will be counted.

Calculate your rank score, awarding points as below.

<table>
<thead>
<tr>
<th>Level</th>
<th>Grade A*</th>
<th>Grade A</th>
<th>Grade B</th>
<th>Grade C</th>
<th>Grade D</th>
<th>Grade E</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>140 pts</td>
<td>120 pts</td>
<td>100 pts</td>
<td>80 pts</td>
<td>60 pts</td>
<td>40 pts</td>
</tr>
<tr>
<td>AS</td>
<td>-</td>
<td>60 pts</td>
<td>50 pts</td>
<td>40 pts</td>
<td>30 pts</td>
<td>20 pts</td>
</tr>
</tbody>
</table>

An example of a rank score for CIE

<table>
<thead>
<tr>
<th>Syllabus</th>
<th>Level</th>
<th>Subject units</th>
<th>Grade</th>
<th>Tariff point</th>
<th>Rank score</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Literature</td>
<td>A</td>
<td>2 D</td>
<td>60</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>A</td>
<td>2 C</td>
<td>80</td>
<td>80</td>
<td></td>
</tr>
<tr>
<td>Geography</td>
<td>AS</td>
<td>1 C</td>
<td>40</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>French</td>
<td>AS</td>
<td>1 E</td>
<td>20</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>History#</td>
<td>AS</td>
<td>1 E</td>
<td>20#</td>
<td>nil#</td>
<td></td>
</tr>
</tbody>
</table>

# Not counted, as only six subject units are included.

Guaranteed Entry Score
The Guaranteed Entry Score for 2019 from CIE for all undergraduate degrees is 160 points, except for the Bachelor of Architectural Studies and the Bachelor of Building Science, in which it is 170 points.

3. INTERNATIONAL BACCALAUREATE

Exams must be taken in New Zealand.

University Entrance
University Entrance through International Baccalaureate (IB) consists of the full IB diploma (24 points minimum).

Rank score
You will be ranked according to your IB score. If you achieve 26 points for IB, your rank score will also be 26 points.

The Guaranteed Entry Score for 2019 from IB for all undergraduate degrees is 28 points, except for the Bachelor of Architectural Studies and the Bachelor of Building Science, in which it is 29 points.

4. QUALIFICATION ASSESSMENT AT ENTRANCE LEVEL

You will be admitted to Victoria if you have one of the following:
- a completed relevant Level 4 qualification from a recognised New Zealand tertiary provider
- a recognised university entrance qualification from New Zealand or overseas (for example a Steiner School Certificate or A levels in the United Kingdom)
- an ATAR rank of 74 or better, or a Queensland OP rank of 12 or better (Australian students only)
- a Certificate of University Preparation from another New Zealand university with a B grade average or better.
- a Certificate of Foundation Studies from another New Zealand university.

You will need to supply an official academic transcript with your enrolment application. Go to www.victoria.ac.nz/admission or contact us for more details.

5. QUALIFICATION ASSESSMENT ABOVE ENTRANCE LEVEL

If you have studied overseas or at a New Zealand tertiary institution at degree level, you may apply for qualification assessment above entrance level. You will need to supply an official academic transcript with your enrolment application, and you are also subject to admission on the basis of your previous academic performance. Transferring students are subject to selection on the basis of their academic performance in areas relevant to the programme for which they are applying. You may wish to seek advice about possible options, including transfer of credit, from the appropriate faculty office.

6. VICTORIA UNIVERSITY ENTRANCE QUALIFICATION

You will be admitted to the University if you have one of the following:
- a Victoria University Certificate in Foundation Studies
- a Tohu Māoritanga / Diploma of Māoritanga (see page 32).
7. DISCRETIONARY ENTRANCE
To be considered for Discretionary Entrance to Victoria University, you must have achieved the University Entrance literacy and numeracy standards described in the NCEA section on page 27. You will normally need to have an NCEA Level 2 Certificate endorsed with Merit or better. Each Discretionary Entrance application is considered on its own merits and is in no way guaranteed.
- If you are applying directly from Year 12, you will need to have very strong support from an adviser at your school. Your adviser’s confidential recommendation will support your maturity, motivation, capability and readiness to undertake degree-level study.
- If you are applying after an overseas exchange, you will need to provide written evidence of your study overseas, and an adviser’s recommendation as above. You will need to complete Year 12/NCEA Level 2 before you go overseas.
- If you have missed out on achieving University Entrance from Year 13, you may not apply for Discretionary Entrance.
- Discretionary Entrance is not available to international students.

8. SPECIAL ADMISSION
If you are aged 20 or over, a New Zealand or Australian citizen, permanent resident or diplomatic passport holder and do not hold a recognised University Entrance qualification, you may apply for Special Admission. You will need to provide:
- a CV (of up to three pages) of your work and life experience to date—this is an opportunity to tell us about your achievements
- a one-page personal statement, which must be written by you, explaining your goals and objectives for university study
- academic transcripts of any secondary- or tertiary-level qualifications you have achieved
- proof of identity confirming you meet the age requirement. We may also ask you to come to the University to complete an assessment of your English and mathematics skills.
All Special Admission applications should be received by 20 February 2019. Applicants assessed as being ready for degree-level study will be accepted into their chosen programme.

IF YOU ARE NOT OFFERED A PLACE
If you are not successful in obtaining a place at this university, you may wish to consider undertaking further study and re-applying later. If you have special circumstances or questions about admission here, contact the Admission Office (see page 2).

INTERNATIONAL STUDENTS
International students have separate procedures for admission and first-year enrolment.
- If you are an international student at school in New Zealand studying for NCEA, CIE or IB, you will need to gain University Entrance (as described on pages 27–28).
- If you do not gain University Entrance, you may consider either staying on at school to gain University Entrance or enrolling in Victoria University’s Foundation Studies programme.
- If you have not studied at a New Zealand secondary school, you will need to meet Victoria University’s international academic and English language requirements.
Further details are in the International Prospectus or on the Victoria International website. All international students need to contact Victoria International when applying.

PRE-DEGREE PREPARATION
Some students may not be ready for degree-level study straight away. You may wish to undertake pre-degree study at another tertiary institution. For advice on what will meet our admission requirements, contact our Admission Office (see page 2).

TOHU MĀORITANGA / DIPLOMA IN MĀORITANGA
This programme provides a qualification for those who are uncertain about their academic pathway. Taught in a whānau learning environment, the Diploma also enables you to transition successfully to university. See page 32 for more information.

NON-NATIVE SPEAKERS OF ENGLISH
If you are not a native speaker of English, you need to ensure your English is good enough for university study. You should be able to:
- write grammatically correct English and develop ideas clearly
- read with understanding, find information without guidance and analyse an argument
- understand spoken English in lectures and tutorials
- speak clearly so you can contribute to discussions and present ideas.
The English Proficiency Programme is a full-time 12-week programme of intensive English language study for students whose first language is not English, and who have an intermediate or advanced knowledge of English. Courses help students to develop academic English skills for university study. They are offered in March, July and November. Apply online for this programme or contact Victoria International.

Foundation Studies programme
For more information about Victoria University’s Certificate in Foundation Studies, see page 20.

Degree-level courses
All students from non-English-speaking backgrounds (both international and domestic) whose English proficiency is sufficient for university study and who have a university entrance qualification, but who wish to develop their ability further, may include the following degree-level courses in their programme of study:
- WRIT 151 Writing in English as a Second Language—this course aims to develop the writing, reading and study skills of non-native speakers of English
- WRIT 251 Academic Writing in English as a Second Language—this course helps students develop an awareness of what constitutes effective writing and reading in academic contexts.
ENROLMENT

APPLY TO ENROL
You can apply to enrol online for 2019 from 1 October 2018. It is important to get your enrolment application to us as early as possible before the due date, and to apply for the full year.

After you apply online, we will communicate with you by email. Make sure you have an up-to-date personal email address that you can access easily and frequently during the enrolment process, even if you are away on holiday. Do not use your school email address or a family email address.

www.victoria.ac.nz/steps-to-apply

RECEIVING YOUR OFFER OF STUDY
In response to your enrolment application, you will be sent an Offer of Study. If you are still awaiting NCEA or other results or if you apply under Special Admission, this will be a Conditional Offer of Study.

You can expect to receive your offer within four weeks of applying to enrol but sometimes it may take longer, depending on the programme. If it doesn’t arrive within four weeks, call us on 0800 VICTORIA (842 867). Note that applications received for limited-entry programmes and limited-entry courses are held until 10 December 2018 and some students may not receive an offer until early 2019.

You may be asked to finalise your programme in person. Your Offer of Study will tell you where to go or who to see. Avoid queues by coming in to finalise your programme as soon as possible.

You will need to read your offer carefully and then log in to the online enrolment system to accept your offer.

Send your essential documentation
All documents are due before 20 January 2019. First-year students may be asked to supply copies of:

- a birth certificate or passport; a marriage certificate or deed poll is also required if you are using a different name from that on your birth certificate or passport
- proof of citizenship, residency status or permanent residency status if you’re applying as a domestic student
- official transcripts of previous academic records if you’re applying under admission types 4 and 5 (see page 28), as provisional results are not accepted.

Do not send original documents. Copies must be witnessed and certified by one of the following: the institution that issued the document, a solicitor, a notary public, a Justice of the Peace (www.jpfed.org.nz) or your school principal (secondary school students only).

Wait for results to be released
When results are released, all students with University Entrance and the Guaranteed Entry Score will be accepted automatically. Students with University Entrance who do not meet the Guaranteed Entry Score may be waitlisted according to their rank score and date of application, and offered a place, if available, in their chosen programme.

Special Admission applications will also be assessed.

Making changes
You have one opportunity to make online changes to your Offer of Study, by accepting it with changes before 20 January 2019. After this date, you will need to wait until after 1 February 2019 (subject to there still being places available in any courses you wish to change to). Changes may affect the cost of your programme and your eligibility for a Student Loan and Student Allowance, and may delay you becoming fully enrolled.

DECLINING AN OFFER OF STUDY
If you decide not to study at Victoria University, you can decline the online Offer of Study. Return your Offer of Study (crossed out and signed), or contact the Enrolment Office.

FINALISING YOUR ENROLMENT
By accepting your Offer of Study, you agree to abide by the statutes and policies of Victoria University, you accept a place in the courses or programme offered to you and are liable for the required fees.

When you accept and submit your Offer of Study it will be processed and, after any conditions and requirements have been met, you will receive a Confirmation of Study. This will confirm the details of your programme of study and show any changes you may have made to your Offer of Study. When you receive your Confirmation of Study, you will be able to login to myVictoria at http://my.vuw.ac.nz to access your timetable and lecture room information.

When you have completed the enrolment process, you become a Victoria University student. You will be able to pick up your student ID card when you arrive here. The Getting Started publication outlines what you need to know to help you succeed at university and will be sent automatically to you.

FIND OUT MORE
www.victoria.ac.nz/apply

Enrolment Office
0800 VICTORIA 842 867
enrolment-enquiries@vuw.ac.nz
**Trimester Two**

If you want to start studying here in Trimester Two, you should apply by the Trimester One due dates to have the best chance of securing a place. New applications will be accepted mid-year if places are still available.

**Teacher education programmes**

Some teacher education programmes have different enrolment and start dates. Go to the Faculty of Education website for details.

* [www.victoria.ac.nz/education](http://www.victoria.ac.nz/education)

**International students**

If you do not yet have citizenship or permanent residence, you must apply initially as an international student. See page 20 for more information.

* [www.victoria.ac.nz/international](http://www.victoria.ac.nz/international)

**Privacy**

Go to [www.victoria.ac.nz/privacy](http://www.victoria.ac.nz/privacy) for information on our policy regarding privacy of personal information.

Parents should note that we cannot disclose information about the progress of their son or daughter’s enrolment, grades or other personal records.

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**KEY DATES**

- **Enrolment opens**: Halls of residence applications close
  - 1 OCT 2018

- **Deadline for limited-entry courses and limited-entry programmes (not applicable to school leavers)**: 1 DEC 2018

- **School leavers should apply to enrol by this date to ensure a place in their preferred courses**: 10 DEC 2018

- **Enrolment applications due**: Enrolment documents due
  - 20 JAN 2019
The Tohu Māoritanga / Diploma in Māoritanga is designed to provide you with a foundation in Māori culture, language and society, and the development of key competencies needed for tertiary study. The programme can be completed in two trimesters of academic study (Trimesters One and Two), and provides a qualification for those who are uncertain about their academic pathways. Taught in a whānau learning environment, the Diploma also enables you to successfully transition to university.

A University Entrance qualification is not required. However, you will need to provide a personal statement outlining your reasons and motivation for applying, as well as a letter of support from a person who is able to comment on your readiness to undertake university study. In addition, you must also attend an interview with the Tohu Māoritanga coordinator. The School of Māori Studies will contact you directly to arrange your interview.

When you have completed the Diploma, you may be permitted to cross-credit up to 60 points towards a Bachelor of Arts (BA) degree at Victoria University. You must successfully complete the Tohu Māoritanga before enrolment in any degree programme will be permitted.

Diploma requirements
A total of 120 points (six courses) is required:

- MAOR 001, MAOR 002, MAOR 003
- either (MAOR 101 and 102) or (MAOR 111 and 112)
- MAOR 123.

Note: The head of the School of Māori Studies may exempt from MAOR 003 a student with the required study skills. Students exempted from MAOR 003 will be expected to enrol in another MAOR course to make up the required points for the Diploma.

Courses
The Tohu Māoritanga / Diploma in Māoritanga offers the following foundation courses.

MAOR 001  20 POINTS (1/3)
Te Tū Marae / Marae Practice
This course is within the Tohu Māoritanga programme and examines the theoretical and practical application of kawa (protocols) of the marae, in both a traditional and contemporary context. It is a practical placement course based at Te Herenga Waka marae at the Kelburn campus. You will learn about marae procedure, customs and organisation through participation in marae activities and work. The course is aimed at developing competence in the operation of a marae and in using language appropriate to it.

MAOR 002  20 POINTS (2/3)
Waiata Tawhito / Waiata Performance
This is a practical placement course based at Te Herenga Waka marae at the Kelburn campus. It focuses on the study and performance of waiata and haka appropriate for a range of Māori contexts. You will also develop research skills through the exploration of waiata that have personal significance.

MAOR 003  20 POINTS (1/3)
Whakakokoi Mātauranga / Academic Study Skills
This course is tailored to the Tohu Māoritanga programme and introduces you to competencies needed for university such as critical thinking, academic writing, independent learning, personal management, note-taking, goal setting, presentations and library skills. You will also learn to read academic texts and follow ethical study practices. Essential computing skills are also covered and you will develop and refine your study strategies.

For information about MAOR 101, MAOR 102, MAOR 111, MAOR 112 and MAOR 123, see the subjects and courses pages (from page 117).
COSTS

FEES-FREE TERTIARY STUDY
If you are a domestic student and have previously studied fewer than 60 points at tertiary level, go to www.feesfree.govt.nz to confirm your eligibility for fees-free study. The policy covers tuition, associated mandatory fees and compulsory student service fees. It does not cover students’ association fees, club memberships, course materials and late fees. If you want to apply for a Student Allowance or the two non-fees components of a Student Loan—living costs and course-related costs—for 2019, you will still need to apply to StudyLink.

www.victoria.ac.nz/fees-free

VICTORIA UNIVERSITY’S FEES
Tuition fees at Victoria University are charged on a per-point basis and vary by faculty or subject. Each year, you are charged for the courses you enrol in that year. Each course is usually worth 15 or 20 points. Once you know what courses you are enrolling in, you can calculate your fees online.

Some courses include a compulsory course materials charge to pay for materials, equipment or field trips. These are different for each course; the relevant faculty will give you details of these costs.

www.victoria.ac.nz/fees-estimator

International students
For international student fees, contact Victoria International.

www.victoria.ac.nz/international-fees

2018 DOMESTIC FEES

<table>
<thead>
<tr>
<th>Area of study</th>
<th>Per-point cost</th>
<th>Average first-year cost based on taking 120 points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architecture</td>
<td>$63.34</td>
<td>$7,600.80</td>
</tr>
<tr>
<td>Design</td>
<td>$56.93</td>
<td>$6,831.60</td>
</tr>
<tr>
<td>Chemical, Physical, Biological and Earth Sciences</td>
<td>$57.54</td>
<td>$6,904.80</td>
</tr>
<tr>
<td>Commerce</td>
<td>$53.60</td>
<td>$6,432.00</td>
</tr>
<tr>
<td>Education</td>
<td>$45.56</td>
<td>$5,467.20</td>
</tr>
<tr>
<td>Engineering</td>
<td>$66.68</td>
<td>$8,001.60</td>
</tr>
<tr>
<td>Health</td>
<td>$56.00</td>
<td>$6,720.00</td>
</tr>
<tr>
<td>Humanities and Social Sciences</td>
<td>$45.56</td>
<td>$5,467.20</td>
</tr>
<tr>
<td>Law</td>
<td>$53.60</td>
<td>$6,432.00</td>
</tr>
<tr>
<td>Mathematics and Statistics</td>
<td>$50.08</td>
<td>$6,009.60</td>
</tr>
<tr>
<td>Music</td>
<td>$57.65</td>
<td>$6,918.00</td>
</tr>
<tr>
<td>Psychology and Computer Science</td>
<td>$56.93</td>
<td>$6,831.60</td>
</tr>
</tbody>
</table>

In addition to tuition fees, students are also required to pay Student Levy fees of around $780 per year. Fees and levy details for 2019 are available online after 1 October 2018.

Student Levy
The Student Services Levy is paid by all students and is used to fund services that are not covered by tuition fees. It contributes to funding student services such as counselling, health services, financial advice, careers guidance, student advocacy, student publications and student representation.

The University works in partnership with student groups, including VUWSA, the Postgraduate Students’ Association (PGSA), Pasifika Students’ Council and Ngāi Tauira, to ensure there is full consultation with students on the administration and management of the levy.
**HOW TO PAY**

All fees are due by 5pm on the Friday prior to the start of the course, or immediately upon enrolment during the year. Go to our website for details on payment methods.

1. [www.victoria.ac.nz/payments](http://www.victoria.ac.nz/payments)

Domestic students enrolled in at least two courses in at least two trimesters may request to pay their fees by instalments. To arrange this, contact our student fees advisers. Fees paid by Student Loan cannot be paid in instalments.

Students must pay their fees in full or check their eligibility for free fees before courses start. Domestic tuition fees for 2019 will be set in October 2018.

**Student Fees Advisers**

- 04-463 5484
- student-finance@vuw.ac.nz
- [www.victoria.ac.nz/fees](http://www.victoria.ac.nz/fees)

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**STUDENT LOAN OR ALLOWANCE**

If you are paying your fees by Student Loan, make sure you apply to StudyLink early, ideally at least 12 weeks before your course starts, to ensure tuition fees are paid on time. If you need help with applying for your Student Loan or Student Allowance, contact the University’s student finance advisers.

**StudyLink**

- 0800 889 900
- [www.studylink.govt.nz](http://www.studylink.govt.nz)

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**FIND OUT MORE**

- [www.victoria.ac.nz/money](http://www.victoria.ac.nz/money)

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**BUDGET ADVICE**

Student finance advisers can help you take control of your money and take the stress out of coping financially, get emergency help if you need it (through the Hardship Fund), fill out scholarship applications and sort out StudyLink issues. Student Finance also publishes the Financial Survival Guide. Download it from the website or contact us for a copy to be sent to you.

1. [www.victoria.ac.nz/financial-advice](http://www.victoria.ac.nz/financial-advice)

---

<table>
<thead>
<tr>
<th>Annual costs</th>
<th>Hall—38 weeks</th>
<th>Flatting—39 weeks</th>
<th>My budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rent</td>
<td>$14,630</td>
<td>$7,020</td>
<td></td>
</tr>
<tr>
<td>Snacks</td>
<td>$1,140</td>
<td>$1,170</td>
<td></td>
</tr>
<tr>
<td>Entertainment</td>
<td>$1,140</td>
<td>$1,170</td>
<td></td>
</tr>
<tr>
<td>Power</td>
<td>$0*</td>
<td>$780</td>
<td></td>
</tr>
<tr>
<td>Transport—bus pass</td>
<td>$0*</td>
<td>$1,443</td>
<td></td>
</tr>
<tr>
<td>Phone</td>
<td>$195</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Internet</td>
<td>$0*</td>
<td>$234</td>
<td></td>
</tr>
<tr>
<td>Food</td>
<td>$0*</td>
<td>$2,730</td>
<td></td>
</tr>
<tr>
<td>Bond</td>
<td>$600*</td>
<td>$925</td>
<td></td>
</tr>
<tr>
<td>Set-up allowances (eg. whiteware, furniture)</td>
<td>–</td>
<td>$400</td>
<td></td>
</tr>
<tr>
<td>Subtotal</td>
<td>$17,100</td>
<td>$15,667</td>
<td></td>
</tr>
</tbody>
</table>

**Fixed costs**

| Course costs (eg. books, photocopying, personal electronics) | $1,300 | $1,300 |
| Sports and hobbies                                         | $400   | $400   |
| Clothing/haircuts                                          | $500   | $500   |
| Toiletries                                                | $250   | $250   |
| Trips home                                                | $500   | $500   |
| Subtotal                                                  | $2,950 | $2,950 |
| Total cost                                                | $27,480| $26,019|

* Included in rent.

ˠ Walking distance.

* Approximate cost, includes bond, activities fee and administration fee.

**Note:** Hall of residence costs are based on a single room at Te Punu Village for 38 weeks at $385 per week. Flatting costs are for 39 weeks at an average of $200 rent per week. Note that a flat must be found prior to your course’s start date and this can result in paying extra weeks of rent. The budget is based on 2018 costs.
Victoria University has a range of scholarships and awards available to students. Scholarships are available at all levels of study and are based on a variety of criteria. Go to our website and explore our scholarships database.

www.victoria.ac.nz/scholarships

SCHOOL-LEAVER SCHOLARSHIPS

The University’s school-leaver scholarship programme has been transformed for 2019 to better support and encourage students who embody and display the key attributes of excellence, leadership, diversity and commitment to community.

Full details of the scholarship regulations are available on our website. Applications open in June, and are due by 15 September.

www.victoria.ac.nz/scholarships

Each of our new school-leaver scholarships is named for a different type of pounamu (greenstone), a taonga for Māori. Pounamu can protect and act as a source of strength for those who possess it and for future generations.

Victoria Tangiwai Scholarship

School-leaver scholarship for excellence.

This scholarship celebrates excellence—both academic and outside the classroom. We will award up to 600 scholarships for 2019, valued at $5,000, which can be put towards accommodation costs at a hall of residence, or (for students not in a hall) as a stipend to contribute towards your first-year living costs.

Victoria Totoweka Scholarship

School-leaver scholarship for equity and support.

Victoria University is committed to equity issues in supporting students to have access to education. This scholarship is to support strong academic students who are Māori, Pasifika, from refugee-backgrounds, have a disability or come from socio-economically disadvantaged backgrounds. We will award up to 200 scholarships for 2019, valued at $5,000, which can be put towards accommodation costs at a hall of residence, or (for students not in a hall) as a stipend to contribute towards your first-year living costs.

Victoria Kahotea Scholarship

School-leaver scholarship for outstanding achievement.

This scholarship recognises exceptional students and is valued at up to $30,000 over three years of study at Victoria University. Up to 30 scholarships will be awarded in 2019 to exceptional students, based on criteria centred around academic excellence, cultural background and community involvement, leadership and equity. The package includes full accommodation costs at a hall of residence in the first year of study, plus a stipend for three years. For students who are not in a hall, the stipend can be taken uniformly across the three years or weighted higher over the first year.

OTHER SCHOLARSHIPS

Other scholarships are available for first-year students.

www.victoria.ac.nz/scholarships

The givME database is another source of information on awards, grants and scholarships. Access it from your school or public library.

www.generosity.org.nz/giv-me

TeachNZ scholarships

TeachNZ scholarships may be available to those studying to become an early childhood, primary or secondary teacher.

www.teachnz.govt.nz

Health scholarships

The Faculty of Health is offering Bachelor of Health scholarships that will be awarded at a value of $2,000. Applications for these scholarships close on 15 September 2018 and will be awarded on the basis of academic merit and other criteria. Applicants will be notified of the outcome of their application after this date.

Sports scholarships

For up-to-date information about sports scholarships, visit our website.

www.victoria.ac.nz/sports-scholarships

FIND OUT MORE

www.victoria.ac.nz/scholarships
Each of our new school-leaver scholarships is named for a different type of pounamu (greenstone), a taonga for Māori. Pounamu can protect and act as a source of strength for those who possess it and for future generations.
Finding the right place to live is important for making the most of your experience at the University and in Wellington. The team at Victoria Accommodation can help you make the best choice. We process applications for all the halls of residence and offer advice on a range of other housing options.

HALLS OF RESIDENCE
Our halls of residence offer a variety of accommodation styles to meet a range of housing needs for our students. Options include single rooms, studio rooms, shared rooms, set rooms and shared apartments/houses. Some halls are fully catered and others have kitchens for self-catering.

All halls provide support for students and facilities for recreation and study. Living in a hall also provides the opportunity to make new friends and live alongside students from all over the world. Every hall works hard to provide a warm and welcoming sense of community—both within the hall and with other halls. Social events are held across all halls throughout the year, and individual halls organise their own activities too.

APPLYING FOR A HALL
The 2019 Accommodation Guide is available on our website. It has detailed information about our halls of residence and how to apply for a place.

You are guaranteed an offer of place in one of our halls if you have one of the following levels of achievement before the end of Year 12:

- an NCEA Level 2 Certificate endorsed with Excellence
- a score of at least 230 points on the UCAS tariff across your best four subjects at AS or A level in the Cambridge International Examinations (CIE)
- an expected score of at least 37 points on your International Baccalaureate (IB) diploma.

If you are awarded a Victoria University school-leaver scholarship, you are also guaranteed an offer of a place in one of our halls of residence.

You can apply online from 1 August 2018 to live in a hall of residence from February 2019. In all cases, you must complete an application for accommodation by 1 October 2018. You will have to pay a non-refundable $100 application fee and have a satisfactory confidential reference from your school. Halls will start to review the applications from 15 September, so we recommend completing your application early.

Most accommodation offers are made approximately one to two weeks after the application due date. Additional offers will be made to late applicants from the waiting pool up until the first week of Trimester One, as spaces become available.

If you are offered a place in a hall will you will need to pay a deposit of approximately $650, which includes a refundable bond to secure your place. Hall fees from then on must be paid in four instalments—so you will need to have the first instalment saved before the start of the trimester.

www.victoria.ac.nz/halls
### CATERED HALLS

<table>
<thead>
<tr>
<th>Hall</th>
<th>Weekly fee*</th>
<th>Yearly fee^</th>
<th>Residents</th>
<th>Walking times to campuses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boulcott Hall</td>
<td>$385</td>
<td>$14,630</td>
<td>180</td>
<td>Kelburn—10 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Te Aro—15 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Pipitea—10 minutes</td>
</tr>
<tr>
<td>Capital Hall</td>
<td>$385</td>
<td>$14,630</td>
<td>320</td>
<td>Kelburn—10 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Te Aro—10 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Pipitea—15 minutes</td>
</tr>
<tr>
<td>Helen Lowry Hall</td>
<td>$220–$300</td>
<td>$8,360–$11,400</td>
<td>130</td>
<td>Kelburn—40 minutes Free shuttle to Kelburn campus</td>
</tr>
<tr>
<td>Joan Stevens Hall</td>
<td>$385</td>
<td>$14,630</td>
<td>242</td>
<td>Kelburn—10 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Te Aro—15 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Pipitea—10 minutes</td>
</tr>
<tr>
<td>Katharine Jermyn Hall</td>
<td>$385</td>
<td>$14,630</td>
<td>390</td>
<td>Kelburn—10 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Te Aro—15 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Pipitea—10 minutes</td>
</tr>
<tr>
<td>Te Puni Village</td>
<td>$385–$399</td>
<td>$14,630–$15,162</td>
<td>398</td>
<td>Kelburn—2 minutes</td>
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<tr>
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<td>Te Aro—15 minutes</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Pipitea—25 minutes</td>
</tr>
<tr>
<td>Victoria House</td>
<td>$285–$375</td>
<td>$10,830–$14,250</td>
<td>184</td>
<td>Kelburn—5 minutes</td>
</tr>
<tr>
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<td></td>
<td></td>
<td>Te Aro—15 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Pipitea—20 minutes</td>
</tr>
<tr>
<td>Weir House</td>
<td>$270–$385</td>
<td>$10,260–$14,630</td>
<td>309</td>
<td>Kelburn—5 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Te Aro—15 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Pipitea—20 minutes</td>
</tr>
<tr>
<td>Willis Street Halls—</td>
<td>$299–$399</td>
<td>$11,362–$15,162</td>
<td>227</td>
<td>Kelburn—15 minutes</td>
</tr>
<tr>
<td>Cumberland House</td>
<td></td>
<td></td>
<td></td>
<td>Te Aro—5 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Pipitea—20 minutes</td>
</tr>
</tbody>
</table>

### SELF-CATERED HALLS

<table>
<thead>
<tr>
<th>Hall</th>
<th>Weekly fee*</th>
<th>Yearly fee^</th>
<th>Residents</th>
<th>Walking times to campuses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Everton Hall</td>
<td>$205–$305 plus expenses</td>
<td>$7,790–$11,590</td>
<td>194</td>
<td>Kelburn—5 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
<td>Te Aro—20 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Pipitea—20 minutes</td>
</tr>
<tr>
<td>UniLodge Stafford House</td>
<td>$220 plus electricity</td>
<td>$8,360</td>
<td>301</td>
<td>Kelburn—15 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Pipitea—5 minutes</td>
</tr>
<tr>
<td>University Hall</td>
<td>$215–$270</td>
<td>$8,170–$10,260</td>
<td>220</td>
<td>Kelburn—10 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Te Aro—15 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Pipitea—10 minutes</td>
</tr>
<tr>
<td>University Hall—</td>
<td>$175–$215</td>
<td>$6,650–$8,170</td>
<td>14</td>
<td>Kelburn—5–10 minutes</td>
</tr>
<tr>
<td>Whānau Housing*</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Willis Street Halls—</td>
<td>$290</td>
<td>$11,020</td>
<td>108</td>
<td>Kelburn—15 minutes</td>
</tr>
<tr>
<td>Education House</td>
<td></td>
<td></td>
<td></td>
<td>Te Aro—5 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Pipitea—20 minutes</td>
</tr>
</tbody>
</table>

### OTHER ACCOMMODATION

Victoria Accommodation can also provide assistance with private flat hunting, tenancy agreements, temporary housing and other housing-related matters. Lists of places available to rent can be viewed online.

* www.victoria.ac.nz/accommodation

* All fees quoted are based on 2018 fees. Fees may vary for 2019.
+ For students with knowledge of te reo Māori and tikanga Māori.
^ Most halls require fees to be paid in four instalments over the academic year. The first instalment is due before move-in day.
A VICTORIA DEGREE

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48 Bachelor of Architectural Studies
52 Bachelor of Arts
60 Bachelor of Biomedical Science
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80 Bachelor of Education (Teaching) Early Childhood
84 Bachelor of Engineering with Honours
90 Bachelor of Health
96 Bachelor of Laws
100 Bachelor of Music
106 Bachelor of Science
114 Primary and secondary teacher education
Choosing your degree can be complicated. Will you enjoy your course of study? Will you be good at it? Will you get your dream job? Everyone is different—some people study a degree to help them get a particular job, and others want to keep their options open and study something they are fascinated with.

Choose subjects and courses that you’re interested in and passionate about—you’ll always do better at what you enjoy.

For more information about our subjects and first-year courses, check out the information from page 117. Have a look and find out what appeals to you. Our website also has useful tools to help you explore our areas of study.

www.victoria.ac.nz/study

PLAN YOUR CAREER

Making career decisions

Making good decisions about your future starts with knowing yourself. Think about your skills, your interests and the values that are important to you. There are excellent interactive tools available on the Careers New Zealand website that can get you started thinking broadly about what careers might suit you.

The jobs database on the same website shows the jobs that are going to be in high demand now and in the next few years—for example, data analyst and software engineer.

www.careers.govt.nz

What can I do with my degree?

Victoria University’s Careers and Employment website has some great career development tools to help you on your way—you can learn about making career decisions, what you can do with your degree and find information about internships, leadership programmes and graduate employment.

www.victoria.ac.nz/careers

WHAT EMPLOYERS WANT

Some careers, such as in architecture or law, demand a specific degree but, increasingly, well-developed transferable skills and the ability to adapt are seen as important assets for today’s workplace. Some careers will require you to have done postgraduate study.

Employers look for enthusiasm and passion as well as good grades. They hire graduates who are able to explain why they chose their particular course of study and why they enjoyed it. What matters is your attitude to life, study and work when applying for jobs.

Our statistics show that our graduates are employed in a variety of sectors. Our annual Careers and Employment Job Report shows that in more than half of vacancies advertised, employers did not specify any particular degree or subject area. There was a strong demand for graduates across all disciplines, so any degree from Victoria University widens your career options.

EMPLOYABILITY SKILLS OF OUR GRADUATES

Victoria University’s graduate profile describes the attributes students should have when they graduate.

Our Employability Skills survey explored employers’ satisfaction levels regarding the Victoria University graduate profile attributes and 86 percent indicated high satisfaction with degree-related knowledge and skills.

In addition, employers responded that our graduates were particularly strong in verbal and written communication and had energy and enthusiasm.

FIND OUT MORE

www.victoria.ac.nz/careers

Did you know?

Graduates with a:

- Bachelor’s degree earn 40 percent more than the average income
- postgraduate qualification earn 60 percent more than the average income
- PhD (a doctorate) earn 100 percent more than the average income.

EXPLORING YOUR OPTIONS
Choose subjects and courses that you’re interested in and passionate about—you’ll always do better at what you enjoy.
Some of our degrees are flexible—allowing you to mix and match different subjects to form one degree and even giving you the chance to choose majors from other degrees.

Some degrees are quite specialised and focus on one particular area of study. Most of your first-year courses in these degrees are already set, which leaves a small amount of space for elective courses.

**A degree** is a qualification awarded when you complete a programme of university study. Your first university degree is called an undergraduate, or Bachelor’s degree. Each degree has its own set of requirements that you need to complete in order to graduate.

A typical degree requires 360 points and three years of full-time study. You’ll normally take around 120 points (six to eight courses of 15 or 20 points each) per year. Some degrees take longer—for example, a Bachelor of Laws takes four years.

**Majors** are the subject(s) you focus on throughout your degree. For example, you can take a Bachelor of Arts with a major in History. You will take courses in your major subject through to your final year. Your major will normally make up about a third of the courses in your degree. Some majors also offer specialisations, which allow you to focus more on a particular area within the subject.

A double major allows you to focus on two subjects within one degree—for example, a Bachelor of Arts with a double major in History and French. This requires the same number of points as a degree with only one major, and should not take any extra time. Some of our degrees let you take a second major from another degree—for example, you can do a Bachelor of Science with a double major in Physics and German.

In some of our degrees, you can take a minor, which is similar to a major, but with fewer courses. You can include a minor in the Bachelor of Arts, Bachelor of Commerce, Bachelor of Design Innovation and Bachelor of Science.

A minor is made up of 60 points at 200 level or above, with at least 15 points at 300 level. Make sure you include any 100-level prerequisite courses for your minor in your first year, as you’ll need these to get into your 200-level courses.

A conjoint degree programme is a specialised programme which, due to cross-crediting, allows two degrees to be completed in a shorter amount of time than it would take to complete them consecutively. For example, a conjoint Bachelor of Arts and Bachelor of Laws would take five years to complete, rather than seven years.

At Victoria University, any two undergraduate degrees can be studied together in a conjoint programme. However, our flexible degree structure means that many students will be able to fit all their subject choices into one degree.

For all conjoint degree programmes, a B– grade average (or better) is required to continue in the conjoint programme each year. If you do not maintain that average, you will be strongly encouraged to finish one degree first and do the second degree later.

If you still have room in your programme, you can include courses from other subjects in which you are interested (often called electives).
Once you’ve selected your degree(s) and the subjects you want to study, you can plan your first year.

**HOW TO PLAN YOUR FIRST YEAR**

1. **Check your degree requirements**
   Check the requirements for your degree, from page 48.

2. **Check your major requirements**
   Find out what the required first-year courses are for your chosen major(s) and/or minor(s). Normally, by following the major requirements for a given subject in your first year, you can continue with that subject in your second year at 200 level. Check the course finder on our website for prerequisites for 200-level and 300-level courses.

3. **Choose your courses**
   To find out more about the courses that you can select for your major(s) and/or minor(s), read the subjects and courses section (from page 117). Decide which courses are interesting to you and explore those subject areas.

4. **Plan your programme**
   Using the course planning form at the back of this guide, put together a balanced programme across Trimesters One and Two that will allow you to progress in your chosen subjects in the second year. Normally, you’d take three or four courses in Trimester One and three or four courses in Trimester Two.

5. **Check your timetable**
   From September, you’ll be able to use the course finder to check your timetable and find information on course content, learning objectives and assessments for the courses you have chosen. Use the timetable template at the back of this guide to organise your timetable and to make sure you don’t have any clashes.

www.victoria.ac.nz/courses

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**Sample course plan**

Below is an example of a first-year plan.

<table>
<thead>
<tr>
<th>Degree: Bachelor of Arts</th>
<th>Majors: Political Science, Film</th>
<th>Minor: Classical Studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trimester One (1/3)</td>
<td>Points</td>
<td>Trimester Two (2/3)</td>
</tr>
<tr>
<td>FILM 101</td>
<td>20</td>
<td>FILM 102</td>
</tr>
<tr>
<td>POLS 111</td>
<td>20</td>
<td>POLS 112</td>
</tr>
<tr>
<td>CLAS 106</td>
<td>20</td>
<td>CLAS 111</td>
</tr>
<tr>
<td>Trimester One points</td>
<td>60</td>
<td>Trimester Two points</td>
</tr>
<tr>
<td>Total points</td>
<td>120</td>
<td></td>
</tr>
</tbody>
</table>

This plan meets the first-year major requirements for Film and Political Science, allowing this student to take 200-level courses in Film and Political Science in their second year. This student could also continue with Classical Studies courses at 200 level.

You can find other examples for specific degree programmes from page 48.
**TIPS FOR COURSE PLANNING**

**Choose only 100-level courses**

Unless you have special permission, choose 100-level courses. These courses are at first-year level.

**Plan ahead**

If you plan to take a subject or course at 200 level in your second year, make sure you check what prerequisites or 100-level course(s) you may need to do first. You can check prerequisites on the course finder.

**Don’t take on too much**

For every hour you spend in class, you should spend around two hours doing your own study. The average full-time workload is 120 points a year. However, StudyLink considers 96 points the full-time requirement for Student Allowances and Student Loan living costs.

**Balance your workload**

Think carefully about your workload. The transition from school to university can be tough, and you may benefit from taking fewer points in your first year—particularly in your first trimester.

---

**GLOSSARY**

**Courses**

Courses are blocks of work that are taught over one or sometimes two trimesters—they’re often referred to as ‘papers’ by other universities.

Each course is taught at a certain level: 100 level is first year, 200 and 300 level are more advanced, although there are some exceptions.

**Course codes**

Each course has a code of four letters and three numbers. The letters show the subject and the numbers show the level of study. For example, FILM 101 is a Film course at 100 level and ENGL 234 is an English Literature course at 200 level.

**Points**

Each course is worth a certain number of points. Every course you pass adds points to the total required for your degree.

**Trimesters**

The year is divided into three trimesters.

<table>
<thead>
<tr>
<th>Trimester One</th>
<th>(1/3)</th>
<th>March to July</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trimester Two</td>
<td>(2/3)</td>
<td>July to November</td>
</tr>
<tr>
<td>Trimester Three</td>
<td>(3/3)</td>
<td>November to February</td>
</tr>
</tbody>
</table>

A course usually takes one trimester to complete. Most students study during Trimesters One and Two; only a small number of students choose to study during Trimester Three.

Check the Glossary on page 179 for more terms and definitions.

---

**NEED HELP WITH COURSE PLANNING?**

The Student Recruitment and Orientation team offers advice on choosing your subjects and planning your degree. Book an appointment at our Wellington or Auckland offices or we can help with course advice by phone, email or Skype.

Wellington Office, Level 1, Hunter Building, Kelburn Campus
Auckland Office, Level 4, The Chancery, 50 Kitchener Street, Auckland

📞 0800 VICTORIA (842 867)
✉️ course-advice@vuw.ac.nz
Architecture can shape a person’s experience of a space and even influence the identity of entire cities. It covers more than the interior and exterior of a building, extending to consideration of how spaces are used and creating environments that can support the way people and cultures want to live, work and play.

If you’re interested in being part of designing and shaping the world’s built environment—inside and out—choose the Bachelor of Architectural Studies (BAS), which offers four majors: Architecture, Architecture History and Theory, Interior Architecture and Landscape Architecture.

In your first year of study, you’ll take a set programme of courses that will introduce you to all aspects of the built environment.

For your second year of study, you’ll have the chance to choose a major and undertake more focused study in this topic. Selection into second-year programmes can be competitive and, where demand exceeds capacity, acceptance into the major is based on your academic performance in the first year.

This degree programme encourages cross-disciplinary study from all four majors, and the breadth of the BAS degree will provide you with a thorough grounding in a range of subjects, including construction, design, environmental science, history and theory, management, project management, structural systems and urban design—all skills that will prepare you to start your journey towards a career in the fields of architecture, landscape architecture or interior architecture.

**Note:** The BAS shares a common first year with the Bachelor of Building Science (BBSc) so students can also choose to change degrees and choose a major from the BBSc: Project Management or Sustainable Engineering Systems (see page 64).

**POTENTIAL CAREERS**

Victoria University’s Architecture programme is recognised nationally and internationally. The BAS major in Architecture, along with a Master of Architecture (Professional), fulfils the academic requirements needed to register as an architect with the New Zealand Registered Architects Board and join the New Zealand Institute of Architects.

The BAS major in Interior Architecture, along with a Master of Interior Architecture, is internationally recognised through its affiliation with the International Federation of Interior Design/Architecture.

The BAS majoring in Landscape Architecture, along with a Master of Landscape Architecture, is recognised by the New Zealand Institute of Landscape Architects as fulfilling the academic requirements to become a professional landscape architect.

As well as being qualified to work as an architect, interior architect or landscape architect, you will also be suited to a range of careers, from project management and exhibition and theatre design to curatorial work and construction consultancy.

www.victoria.ac.nz/careers

**FIND OUT MORE ABOUT THIS DEGREE** www.victoria.ac.nz/bas

FACULTY OF ARCHITECTURE AND DESIGN | 139 Vivian Street, Wellington

04-463 6200 | architecture@vuw.ac.nz | www.victoria.ac.nz/architecture
POSTGRADUATE OPPORTUNITIES
As a Master’s student, you can extend your undergraduate major and pursue other areas within your chosen disciplines that can be supervised in the School of Architecture.

If you want an accredited professional degree in Architecture or Landscape Architecture, or a professionally recognised Master of Interior Architecture, you will need to continue into postgraduate study.

If you are majoring in Architecture History and Theory, you may continue your studies with a Postgraduate Diploma in Architecture History and Theory, which leads into the one-year Master of Architecture thesis programme. Progression into these Master’s qualifications is on the basis of academic performance.

www.victoria.ac.nz/architecture/postgraduate

RECOMMENDED SCHOOL SUBJECTS
Recommended school subjects include Art, Calculus, Design, English, Graphics, Physics, Statistics and Technology. If you do not have a minimum of 14 NCEA Level 3 credits in each of two of Calculus, Statistics and/or Physics, you will need to include SARC 122 Introduction to Applied Physics, Numerical Methods and Statistics for Designers in your first-year programme.

DEGREE REQUIREMENTS
Three years of full-time study.
A total of 360 points is required:
- at least 270 points must be from courses listed for the BAS
- at least 210 points must be at 200 and 300 level of the 210 points, at least 180 points must be from courses listed for the BAS
- of the 180 points, at least 75 points must be at 300 level.

Eight core courses at 100 level (in first year) must be completed (see below).

The requirements for one major must be satisfied.

First year (all majors)

<table>
<thead>
<tr>
<th>Trimester One (1/3)</th>
<th>Trimester Two (2/3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SARC 111</td>
<td>SARC 112</td>
</tr>
<tr>
<td>SARC 131</td>
<td>SARC 121</td>
</tr>
<tr>
<td>SARC 151</td>
<td>SARC 122*</td>
</tr>
<tr>
<td>SARC 161</td>
<td>SARC 162</td>
</tr>
</tbody>
</table>

* You can replace SARC 122 with an elective course if you have at least 14 NCEA Level 3 credits in each of any two of Calculus, Physics or Statistics. If you plan to study Landscape Architecture or Architecture History and Theory, you can replace SARC 122 with an elective. We recommend that you complete SARC 122 to keep your options open for the second year.

Major in Architecture

Second year | Third year
-------------|--------------
ARCI 211     | ARCH 212     |
ARCI 251     | SARC 223     |
SARC 222     | Elective (15 points) |
SARC 221     | SARC 351     |
SARC 352     | Elective (15 points) |

Major in Interior Architecture

Second year | Third year
-------------|--------------
INTA 211     | INTA 212     |
SARC 221     | Elective (15 points) |
INTA 261     | INTA 321     |
SARC 362     | Elective (15 points) |

Major in Landscape Architecture

Second year | Third year
-------------|--------------
LAND 211     | LAND 212     |
SARC 351     | LAND 312     |
SARC 362     | LAND 321     |

Major in Architecture History and Theory

Contact the Faculty of Architecture and Design to learn more about this major.

<table>
<thead>
<tr>
<th>Major</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architecture</td>
<td>ARCI</td>
</tr>
<tr>
<td>Architecture History and Theory</td>
<td>AHTY</td>
</tr>
<tr>
<td>Interior Architecture</td>
<td>INTA</td>
</tr>
<tr>
<td>Landscape Architecture</td>
<td>LAND</td>
</tr>
</tbody>
</table>
## DEGREE EXAMPLES

### BAS majoring in Architecture

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/3</td>
<td>2/3</td>
<td>1/3</td>
</tr>
<tr>
<td>SARC 111</td>
<td>SARC 112</td>
<td>ARCI 211</td>
</tr>
<tr>
<td>15 points</td>
<td>15 points</td>
<td>15 points</td>
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<tr>
<td>SARC 131</td>
<td>SARC 121</td>
<td>SARC 251</td>
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<tr>
<td>15 points</td>
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<td>15 points</td>
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<tr>
<td>SARC 151</td>
<td>SARC 122</td>
<td>SARC 221</td>
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<tr>
<td>15 points</td>
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<tr>
<td>SARC 161</td>
<td>SARC 162</td>
<td>SARC 222</td>
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<tr>
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<td>15 points</td>
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<tr>
<td>SARC 161</td>
<td>SARC 162</td>
<td>SARC 221</td>
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<tr>
<td>15 points</td>
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<td>15 points</td>
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<tr>
<td>60 points</td>
<td>60 points</td>
<td>60 points</td>
</tr>
<tr>
<td>120 points</td>
<td>120 points</td>
<td>120 points</td>
</tr>
</tbody>
</table>

Total points required: 360
Total points completed: 360

### BAS majoring in Interior Architecture

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/3</td>
<td>2/3</td>
<td>1/3</td>
</tr>
<tr>
<td>SARC 111</td>
<td>SARC 112</td>
<td>INTA 211</td>
</tr>
<tr>
<td>15 points</td>
<td>15 points</td>
<td>15 points</td>
</tr>
<tr>
<td>SARC 131</td>
<td>SARC 121</td>
<td>INTA 251</td>
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<tr>
<td>15 points</td>
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<td>15 points</td>
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<tr>
<td>SARC 151</td>
<td>SARC 122</td>
<td>INTA 261</td>
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<tr>
<td>15 points</td>
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<td>15 points</td>
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<tr>
<td>SARC 161</td>
<td>SARC 162</td>
<td>SARC 221</td>
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<td>60 points</td>
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</tr>
<tr>
<td>120 points</td>
<td>120 points</td>
<td>120 points</td>
</tr>
</tbody>
</table>

Total points required: 360
Total points completed: 360

### BAS majoring in Landscape Architecture

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/3</td>
<td>2/3</td>
<td>1/3</td>
</tr>
<tr>
<td>SARC 111</td>
<td>SARC 112</td>
<td>LAND 211</td>
</tr>
<tr>
<td>15 points</td>
<td>15 points</td>
<td>15 points</td>
</tr>
<tr>
<td>SARC 131</td>
<td>SARC 121</td>
<td>LAND 221</td>
</tr>
<tr>
<td>15 points</td>
<td>15 points</td>
<td>15 points</td>
</tr>
<tr>
<td>SARC 151</td>
<td>SARC 122</td>
<td>LAND 251</td>
</tr>
<tr>
<td>15 points</td>
<td>15 points</td>
<td>15 points</td>
</tr>
<tr>
<td>SARC 161</td>
<td>Elective</td>
<td>LAND 261</td>
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<tr>
<td>15 points</td>
<td>15 points</td>
<td>15 points</td>
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<tr>
<td>60 points</td>
<td>60 points</td>
<td>60 points</td>
</tr>
<tr>
<td>120 points</td>
<td>120 points</td>
<td>120 points</td>
</tr>
</tbody>
</table>

Total points required: 360
Total points completed: 360

### Key

- **Core**
- **Major**
- **Elective**
RYAN SIMPSON
Student, Bachelor of Architectural Studies in Architecture

Favourite course
SARC 161 Introduction to Design Communication has been my favourite course thus far. I had a great tutor, and the course allows you to express your creativity in any way you want. At times the course was stressful and I found the model making a bit challenging. Overall, the course was really enjoyable, and I learnt how to use a lot of new software.

First year
My first year was tough, and I experienced some challenging times. I had to adapt to a new way of teaching and become a more independent learner. However, the support of my family helped me get through my first year, as well as help from Te Rōpū Āwhina, which provided me with academic mentoring and support, guiding me through my assignments. Now I am an academic mentor myself, I am able to share my experiences and help students succeed. My advice to new students is to ask for help if you need it, as there's lots of support available.

Typical day
My classes are a mix of lectures and tutorials. The tutorials are small classes, with around 15 students, where we can discuss our designs with our tutors and get feedback on how to develop and finalise our projects. During my breaks, I'll go to the Library and do some work, get help with my projects or grab some food with friends. Once classes are finished for the day, I'll head to the gym at the University for a workout. In the evenings, I'll start working on my assignments. With Architecture, the assignments are very time consuming so there're often late nights. Designing and refining ideas takes a long time, so it's important to manage your time and work efficiently.

Advice
I learnt in a lecture that humans are better at making decisions in small steps. It's similar to when you order a sandwich at Subway: first, you choose the bread, then the meat, then the cheese and so on. The same thing applies at university—taking small steps and asking questions throughout your university journey is key. Work hard, but if things get too much, take a step back. Getting a bad grade might feel like the end of the world, but it's not. Try to have good work–life balance as there's more to life than just doing work. Finally, be yourself and enjoy your time at university.

Making a difference
Growing up in Samoa, I have witnessed first-hand the extensive damage caused to buildings and infrastructure during the cyclone season each year. I chose to study Architecture so that in the future I can use my skills to improve the standard of living and help my home country progress for the better.
The humanities include subjects where we explore what it means to be human, such as English literature, history or languages, while the social sciences include subjects in which we explore how humans interact with each other, such as criminology, international relations or linguistics.

Victoria University is well known for its strengths and breadth in the humanities and social sciences. The Faculty is ranked among the top 100 in the world (QS World University Rankings) and ranked first in many fields in the New Zealand university research rankings (Performance-Based Research Fund Quality Evaluation).

Taking a BA will give you a set of skills that is highly valued by employers. These skills include analytical and critical thinking, problem-solving, building relationships, self-management, teamwork, verbal and written communication. Students who want to supercharge their employment prospects are able to enrol in a number of courses, such as the BA Internship and the Future of Work (see page 124), designed to give students an appreciation of the current and changing nature of New Zealand’s workforce. Go to www.victoria.ac.nz/working-ba for further details.

The BA at Victoria University—a globally ranked capital city university—offers international opportunities. Wellington is the centre of politics, the base for foreign embassies and the public service and the home of archives, libraries and museums. Wellington is also a vibrant centre of creativity and an exciting city to study in—it is rich in music, theatre, art and heritage, and is home to thriving digital and film industries.

The University has a particularly rich languages programme and we encourage you to try a new language or build on one you have learnt before. We also strongly recommend that you try new subjects, or major in one subject that suits your career ambitions, while keeping your passions alive with study in other areas. You can include a second major or minor from either the BA or another Bachelor’s degree. Combining the BA with another degree, such as the Bachelor of Laws, Bachelor of Commerce or Bachelor of Science gives you a broader view of the social world in which we live.

FIND OUT MORE ABOUT THIS DEGREE  www.victoria.ac.nz/ba

FACULTY OF HUMANITIES AND SOCIAL SCIENCES | Level 4, Murphy Building, Kelburn Parade, Wellington

04-463 5745 | fhss-enquiries@vuw.ac.nz | www.victoria.ac.nz/fhss
POTENTIAL CAREERS
We encourage you to choose subjects in which you are interested so you can enjoy the learning journey and the career paths this opens. Bachelor of Arts graduates are employed in every part of the workforce. Universities New Zealand research, released in 2016, found that arts graduates will earn an average of $1 million to $1.3 million more than non-graduates over their working life. Whether it be as an aid worker, artist, criminologist, diplomat, journalist, librarian, market researcher, policy analyst, social worker, teacher or translator, a BA is suited to hundreds of careers. Graduates who want to position themselves for a career of their choice will have the opportunity to engage in a number of BA employability courses and programmes unique to Victoria University.

POSTGRADUATE OPPORTUNITIES
A BA can lead to further study in our Honours, Master’s and PhD programmes in a range of subject areas. We also offer an array of specialist graduate and postgraduate diplomas.

SCHOOL SUBJECTS
Any BA major can be started from an introductory level in the first year, although, for some subjects, it is useful to have studied the relevant subject at school.

MAJORS

<table>
<thead>
<tr>
<th>Major</th>
<th>Code</th>
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<td>Art History</td>
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<td>Māori Resource Management</td>
<td>MREM</td>
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<td>Māori Studies</td>
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<td>Modern Language Studies</td>
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<td>CLAS</td>
<td>Media Studies</td>
<td>MDIA</td>
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<tr>
<td>Criminology</td>
<td>CRIM</td>
<td>Mathematics*</td>
<td>MATH</td>
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<td>Cultural Anthropology</td>
<td>CUAN</td>
<td>Political Science</td>
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<td>Data Science*</td>
<td>DATA</td>
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<td>Development Studies*</td>
<td>DEVE</td>
<td>Pacific Studies</td>
<td>PASI</td>
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<tr>
<td>Economics*</td>
<td>ECON</td>
<td>Philosophy</td>
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<td>RELI</td>
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<td>English Literature</td>
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<td>Film</td>
<td>FILM</td>
<td>Public Policy*</td>
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<td>FREN</td>
<td>Samoaan Studies / Matāupu tau Samoa</td>
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<td>German</td>
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<td>Latin</td>
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<td>LING</td>
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</table>

* Major taught by another faculty.

Minors

- Creative Writing
- Gender and Sexuality Studies
- New Zealand Sign Language (NZSL)
- Popular Music^
- Social Policy
^ Subject to regulatory approval.

Other subject

- Writing (Academic and Professional)

DEGREE REQUIREMENTS
Three years of full-time study.
A total of 360 points is required:

- at least 240 points must be from courses listed for the BA
- at least 80 points from 100 level courses listed for the BA
- a maximum of 180 points must be at 100 level
- at least 180 points must be at 200 and 300 level
- at least 75 points must be at 300 level and from courses listed for the BA.

You must satisfy the requirements for at least one major subject (from the table on the left).

- 300-level courses may be counted towards only one major (or minor).

Many students elect to take two majors, the second of which can be from any undergraduate degree at the University, as long as the first major is from Part A of the BA (the non-starred majors in the table).

- A maximum of 120 points may be credited to the BA from courses listed for the second major if it is not listed in the table (when included as a major for a BA).

- If your first major is from Part B (the subjects in the table that are starred), your second major must be from Part A (non-starred), and your degree must then include at least 180 points from courses listed for the BA (rather than 240).
Other important information

Each subject has specific courses you need to take to meet the requirements of a major and involves in-depth study to 300 level. If you are not sure which subject to choose as your major, you can include a number of different options in your first year, and make a more specific choice in your second year. Most students major in two subjects in the BA.

A BA double major is achieved by completing the full major requirements for two subjects. Your degree certificate will say ‘Bachelor of Arts in X and Y’.

Bachelor of Arts students may also select up to two minors in undergraduate subject areas offered for the BA or the Bachelors of Architectural Studies, Commerce, Design Innovation, Health, Music and Science, and not taken as a major or from additional minor subject areas listed in these degree statutes.

A minor comprises at least 60 points from the relevant subject area at 200 level or above, of which at least 15 points must be at 300 level. No 300-level course may be counted towards a major or another minor. Many courses have specific prerequisites, so you will normally need to start studying subjects you wish to minor in during your first year. Go to www.victoria.ac.nz/courses for details.

If you are considering taking a second major taught by another faculty or adding a minor to your BA, you should contact your student adviser for degree-planning advice.

MAJOR REQUIREMENTS

The requirements listed below are the requirements in order to complete a major; statutory requirements are listed in the University’s Calendar. Several majors are currently under review. Check the major requirements on our website before enrolling for 2019.

In most cases, but not all, the courses listed under (a) of the major requirements below are what you need to take in your first year. To find out details of what a particular course is about and when it is timetabled, look in the subjects and courses pages (from page 117).

Art History (ARTH)

a. Two courses from ARTH 100–199.

b. Two courses from ARTH 200–299.

c. Two courses from ARTH 300–399.

d. One further course from ARTH 200–399 or an approved substitute.

Approval for a substitute is required from the Faculty of Humanities and Social Sciences.

Asian Studies (ASIA)

a. ASIA 101 and ASIA 111.

b. ASIA 201 and one approved 200-level course worth 20 points.

c. ASIA 301 and one approved 300-level course worth 20 points.

If you do this major, you may wish to include one or more complementary courses as part of your elective courses. The complementary courses include FHSS 110, FHSS 210, FHSS 310.

Chinese (CHIN)

a. ASIA 111, CHIN 101, and CHIN 102.

b. CHIN 211, CHIN 212, and either ASIA 208 or one further course from CHIN 200–299.

c. CHIN 311, CHIN 312, and one further course from CHIN 300–399.

If you do this major, you may wish to include one or more complementary courses as part of your elective courses. The complementary courses include FHSS 110, FHSS 210, FHSS 310.

Classical Studies (CLAS)

a. Two courses from CLAS 100–199.

b. Two courses from CLAS 200–299.

c. Two courses from CLAS 300–399.

d. One further course from CLAS 200–399.

One 100-level CLAS course may be replaced by one of LATI 103, LATI 213, or GREE 112.

Criminology* (CRIM)

a. CRIM 111.

b. Two courses from CRIM 200–299.

c. CRIM 326 and two further courses from CRIM 300–399.

If you plan to do CRIM 111, you should ensure you meet the prerequisite requirements in the first trimester of that same year (see page 132).

* Major requirements are under review.

Cultural Anthropology (CUAN)

a. ANTH 101 and ANTH 102.

b. Two courses from ANTH 200–299.

c. Two courses from ANTH 300–399.

Development Studies* (DEVE)

a. GEOG 112, one approved regional-based course and one approved subject-based course at 100 level (see page 135).

b. GEOG 212, one approved regional-based course and one approved subject-based course at 100 level.

c. GEOG 312, GEOG 316, and one approved 300-level course worth 20 points.

Data Science* (DATA)

a. Complete three courses at 100 level:

- DATA 101
- One course from COMP 102, COMP 112, COMP 132; and INFO 151, INFO 226
- One course from MATH 177, QUAN 102, STAT 193.

b. Complete four courses at 200 level:

- DATA 201, DATA 202
- One course from MATH 277, QUAN 203, STAT 292
- One further course from COMP 261, GEOG 215, INFO 264, MATH 245, MATH 251, MATH 261, MATH 277, PHIL 269, QUAN 201, QUAN 203, STAT 292, STAT 293.

c. Complete four courses at 300 level:

- DATA 301, DATA 303, COMP 309
- One course from DATA 304–399, COMP 307, COMS 305*, ECON 303, GEOG 315, INFO 377, MATH 353, MGMT 315, MGMT 316, STAT 392, STAT 394, SWEN 304

* Subject to regulatory approval.
Economics* (ECON)
a. ECON 130, ECON 141, QUAN 102 (or MATH 177 or STAT 193), and QUAN 111 (or MATH 141/142, or MATH 151).
b. ECON 201 and ECON 202 and one course from ECON 211, ECON 212, FINA 201, MATH 277, QUAN 201, QUAN 203.
c. Three courses from ECON 301–399, FINA 304, FINA 306, PUBL 303.

Education (EDUC)
a. EDUC 101 and EDUC 141.
b. Two courses from EDUC 200–299.
c. Two courses from EDUC 300–399.
d. A further 20 points from EDUC 200–299.
You cannot take a double major in Education (EDUC) and Education and Psychology (EDPS).

Education and Psychology* (EDPS)
a. EDUC 141, either PSYC 121 or PSYC 122, and either STAT 193 (or MATH 177, or QUAN 102).
b. EDUC 243, EDUC 244, PSYC 232, and one further course from PSYC 200–299.
c. One course from EDUC 300–399, PSYC 325, and one further course from EDUC or PSYC 300–399.
You cannot take a double major in Education and Psychology (EDPS) and Psychology (PSYC), or Education and Psychology (EDPS) and Education (EDUC).

This major meets the requirements for progression to the Bachelor of Arts with Honours (BA(Hons)) in Education (EDUC), but not the Bachelor of Science with Honours (BSc(Hons)) in Psychology (PSYC).

English Literature (ENGL)
a. Two courses from ENGL 100–199.
b. Two courses from ENGL 200–299; and one further course from ENGL 200–299, or CREW 200–299, or THEA 205, or THEA 211.
c. One course from ENGL 300–399; and two further courses from ENGL 300–399 or THEA 305.

Film (FILM)
a. FILM 101 and FILM 102.
b. Two courses from FILM 200–299.
c. Two courses from FILM 300–399.
d. One further course from FILM 200–399, or an approved substitute.
Approval for a substitute is required from the Faculty of Humanities and Social Sciences.
* You cannot use 30-point FILM courses to satisfy requirement (d) above. A Film major requires at least seven courses.

French (FREN)
a. FREN 101** and FREN 102**.
b. FREN 201, FREN 202, and one further course from FREN 200–299, LANG 201.
c. FREN 301, FREN 302, and one further course from FREN 300–399*.

** Course will be waived if you have the appropriate NCEA Level 3 requirements (or equivalent).
If you do this major, you may wish to include one or more complementary courses as part of your elective courses. The complementary courses include FHSS 110, FHSS 210, FHSS 310.

Geography* (GEOG)
a. ESCI 111, GEOG 112, GEOG 14, STAT 193 or equivalent.
b. GEOG 215, GEOG 217; and one of (GEOG 212, GEOG 214, GEOG 216, GEOG 222).
c. GEOG 324, GEOG 325, one course from (GEOG 312–316 or GEOG 320), one further course from GEOG 300–399.

German (GERM)
a. GERM 103** and GERM 104**.
b. GERM 217, GERM 218, and one further course from GERM 200–299, LANG 201.
c. GERM 314 and two further courses from GERM 300–399.
* Course will be waived if you have the appropriate NCEA Level 3 requirements (or equivalent).
If you do this major, you may wish to include one or more complementary courses as part of your elective courses. The complementary courses include FHSS 110, FHSS 210, FHSS 310.

Greek (GREE)
a. Two courses from GREE 100–199.
b. Two courses from GREE 200–299.
c. Two courses from GREE 300–399.

History# (HIST)
a. Two courses from HIST 100–199, CLAS 104–106.
b. Two courses from HIST 200–299, CLAS 207, CLAS 208.
c. Three courses from HIST 300–399, CLAS 307, CLAS 308.
You must complete at least five HIST courses from 100–399, including at least two at 300 level.
# Major requirements are under review.

International Relations (INTP)
a. INTP 113, and one course from INTP 115, POLS 100–199.
b. Two courses from INTP 200–299.
c. One course from INTP 300–399 and one further course from INTP 300–399, POLS 300–399, HIST 321, HIST 336.
d. One further course from INTP 200–399, POLS 200–399, HIST 249, PHIL 264, HIST 321, HIST 336.
If you wish to take a double major in POLS and INTP, you must complete at least 12 POLS and INTP courses. This normally includes three POLS or INTP courses at 100 level (including INTP 113), two POLS and two INTP courses at 200 level, and one POLS and one INTP course at 300 level and two further 300-level courses from POLS or INTP or HIST 321, HIST 336, MAOR 316, PHIL 303, PUBL 304.

Italian (ITAL)
a. ITAL 101 and ITAL 102.
b. ITAL 215, ITAL 216, and one further course from ITAL 200–299, LANG 201.
c. ITAL 315, ITAL 316, and one further course from ITAL 300–399.
If you do this major, you may wish to include one or more complementary courses as part of your elective courses. The complementary courses include FHSS 110, FHSS 210, FHSS 310.

Japanese (JAPA)
  a. ASIA 111, JAPA 111**, JAPA 112**.
  b. JAPA 204, JAPA 205, and one further course from JAPA 200–299.
  c. JAPA 304, JAPA 305, and one further course from JAPA 300–399.
  * Course will be waived if you have the appropriate NCEA Level 3 requirements (or equivalent).

If you do this major, you may wish to include one or more complementary courses as part of your elective courses. The complementary courses include FHSS 110, FHSS 210, FHSS 310.

Latin (LATI)
  a. LATI 103** and LATI 104.
  b. Two courses from LATI 200–299.
  c. Two courses from LATI 300–399.
  ** You may include one course from CLAS 100–199 instead of LATI 103, with approval from the head of school.

If you are approved to begin at 200 level, you will be required to do two further courses from LATI 300–399.

Linguistics (LING)
  a. LING 111.
  b. LING 221, LING 227, LING 228.
  c. Two courses from LING 300–399.

Māori Resource Management (MREM)
  a. MAOR 123 and two courses from MAOR 101, MAOR 102, MAOR 111 or MAOR 112.
  b. One course from MAOR 202, MAOR 203, MAOR 217, and one further course from MAOR 202, MAOR 203, MAOR 217, MGMT 200–299.
  c. MAOR 301, and one course from (MAOR 302 or MAOR 316).

Māori Studies (MAOR)
  a. MAOR 111, MAOR 112, MAOR 123.
  b. MAOR 211, MAOR 221, and one further course from MAOR 200–299.
  c. MAOR 313 and one further course from MAOR 300–399.

If you do this major, you may wish to include the complementary course FHSS 110 as part of your elective courses.

Mathematics* (MATH)
  a. MATH 142, MATH 151, MATH 161.
  b. Four courses from MATH 300–399.
  c. Four courses from MATH 300–399.

Media Studies (MDIA)
  a. Two courses from MDIA 100–199.
  b. Two courses from MDIA 200–299.
  c. Two courses from MDIA 300–399.
  d. One further course from MDIA 200–299.

Modern Language Studies (MLST)
  a. LING 111, and either CHIN 101 and 102, or FREN 101 and 102, or GERM 103 and 104, or ITAL 101 and 102, or JAPA 111 and 112, or MAOR 111 and 112, or SAMO 101 and 102, or SPAN 111 and 112.
  b. Two courses at 200 level: either CHIN 211 and 212, or FREN 201 and 202, or GERM 217 and 218, or ITAL 215 and 216, or JAPA 204 and 205, or MAOR 211 and 221, or SAMO 201 and 202, or SPAN 215 and 216.
  c. Two courses at 300 level: either CHIN 311 and 312, or FREN 301 and 302, or GERM 315 and 316 or 320 and 321, or ITAL 315 and 316, or JAPA 304 and 305, or MAOR 311 and 321, or SAMO 301 and 302, or SPAN 315 and 316.
  d. Two courses from LING 200–399.

If you do this major, you may wish to include one or more complementary courses as part of your elective courses. The complementary courses include FHSS 110, FHSS 210, FHSS 310.

Music (MUSC)
  a. Two courses at 100 level from CMPO 186, MUSC 105, MUSC 120, MUSC 150.
  b. Two courses at 200 level from CMPO 286, MUSC 237, MUSC 245, MUSC 247–249, MUSC 254.
  c. Two courses at 300 level from CMPO 386, MUSC 339, MUSC 343, MUSC 346–347, MUSC 349, MUSC 351.
  d. One further 200- or 300-level CMPO or MUSC course.

Pacific Studies (PASI)
  a. Four PASI courses: PASI 101, 201, 202, 301.
  b. One course in Samoan, Māori, or French language.
  c. Approved courses worth 40 points at 200 or 300 level with significant content in Pacific Studies, including 20 points from 300-level courses. Approved courses are listed at www.victoria.ac.nz/pacific-studies

If you do this major, you may wish to include the complementary course FHSS 110 as part of your elective courses.

Philosophy (PHIL)
  a. Two courses from PHIL 100–199.
  b. Two courses from PHIL 200–299, INTP 261, or POLS 269.
  c. Three courses from PHIL 300–399, POLS 362.

Political Science (POLS)
  a. Two courses from POLS 100–199.
  b. Two courses from POLS 200–299.
  c. One course from POLS 300–399, and one further course from POLS 300–399, HIST 336, INTP 300–399, PHIL 303, MAOR 316, PUBL 304.
  d. One further course from POLS 200–299, INTP 200–299, HIST 249, PHIL 264, POLS 300–399, HIST 336, INTP 300–399, MAOR 316, PHIL 303, PUBL 304.

If you wish to take a double major in POLS and INTP, you must complete at least 12 POLS and INTP courses. This normally includes three POLS or INTP courses at 100 level (including INTP 113), two POLS and two INTP courses at 200 level, and one POLS and one INTP course at 300 level and two further 300-level courses from POLS or INTP or HIST 321, HIST 336, MAOR 316, PHIL 303, PUBL 304.
Psychology* (PSYC)

a. PSYC 121, PSYC 122, and STAT 193.
b. PSYC 232, either PSYC 231 or 233, and two further courses from PSYC 200–299.
c. PSYC 325 and three further courses from PSYC 300–399.
You cannot take a double major in Education and Psychology (EDPS) and Psychology (PSYC).

Public Policy* (PUBL)

a. One course from FCOM 111, PUBL 113, POLS 111.
b. PUBL 201, PUBL 210, and one further course from PUBL 200–299.
c. PUBL 310 and one further course from PUBL 300–399.
d. One further course from PUBL 200–399.

Religious Studies (RELI)

Six courses from RELI 100–399, including:
   a) two courses from RELI 200–299
   b) RELI 335 and one further course from RELI 300–399.

Sāmoan Studies / Matā'upu tau Sāmoa (SAMP)

a. SAMO 101, SAMO 102, and either PASI 101 or SAMO 111.
b. SAMO 201 and SAMO 202.
c. SAMO 301 and SAMO 302.
If you do this major, you may wish to include the complementary course FHSS 110 as part of your elective courses.

Sociology (SOSC)

a. SOSC 111 and SOSC 112.
b. Two courses from SOSC 200–399, SACS 201, SACS 202, SPOL 200–299.
c. Two courses from SOSC 300–399, SPOL 300–399.

Spanish (SPAN)

a. SPAN 111 and SPAN 112**.
b. SPAN 215, SPAN 216, and one further course from SPAN 200–299, LANG 201.
c. SPAN 315, SPAN 316, and one further course from SPAN 300–399.
** Course will be waived for students who have the appropriate NCEA Level 3 requirements (or equivalent). In this case, you will be required to take one further course from SPAN 300–399.
If you do this major, you may wish to include one or more complementary courses as part of your elective courses. The complementary courses include FHSS 110, FHSS 210, FHSS 310.

Te Reo Māori (TREO)

b. MAOR 211 and MAOR 221.
c. MAOR 311, MAOR 321, MAOR 322.
** Course will be waived for students who have the appropriate NCEA Level 3 requirements (or equivalent).
If you do this major, you may wish to include the complementary course FHSS 110 as part of your elective courses.

Teaching English to Speakers of Other Languages (TSOL)

a. One course in a language other than English, or an equivalent second-language learning experience.
b. LING 101 or LING 111.
c. LALS 201, TSOL 202, TSOL 203.
d. TSOL 301 and TSOL 302.

Theatre (THEA)

a. THEA 101 and THEA 113.
b. Either THEA 203 or THEA 204, and two further courses from THEA 200–299, or ENGL 208.
c. Two courses from THEA 300–399.
* Major taught by another faculty.
## DEGREE EXAMPLES

### BA majoring in English Literature and Sociology, with a minor in Māori Resource Management

<table>
<thead>
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### BA majoring in History and Geography, with a minor in Classical Studies

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* Can also count as a 100-level subject-based DEVE course.

** Can also count as a 200-level subject-based DEVE course.

### BA majoring in Italian and Linguistics

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### Key

- **First major**
- **Second major**
- **Minor**
- **Elective**
The heart of politics
Living and studying in the capital city places you right in the thick of where it all happens, giving you the opportunity to influence and to observe the processes of central government. Sometimes when Parliament is sitting, my friends and I will go and watch question time, which is always interesting and entertaining. One of the reasons I chose to study at Victoria University was to understand how political decisions are made, and why. Studying in Wellington has given me the tools to partake in the political process, and I’ve been fortunate to take these skills back home to my marae on the Kapiti Coast.

Changing plans
Find an idea or a topic that really makes you feel something inside, and pursue it. My advice is to be open minded—even if that means turning your original plans on their head. In my first trimester, I was doing a BA in Te Reo Māori and English Literature—I wanted to be a teacher. However, after reading Crossing the Floor: The Story of Tariana Turia on the lawns of Parliament over the mid-year break, I decided to change my majors to Māori Resource Management and Political Science.

Valuable experience
During my studies, I’ve been able to direct my energy towards my passions, and I’ve been introduced to concepts that have challenged me to be a more critical thinker. I’ve had the chance to work alongside my lecturers, which has included gaining valuable experience working as a research assistant under Dr Maria Bargh at Te Kawa a Maui / the School of Māori Studies. Studying in Wellington has also given me the opportunity to meet people of real influence, such as ambassadors, MPs, activists and more.

Supportive environment
As a Māori student, I’ve had heaps of support from my faculty and from the whanaunga at Te Herenga Waka marae, which has made the journey through my undergraduate studies more enjoyable. In my first year, I made the most of the mentoring programme at Te Pūtahi Atawhai. Recently, I have been involved with Ngāi Tauira, the Māori students’ association, which is great. They also provide a fun, social environment for students, and there is always someone around to chat with, or to provide advice on things such as assignments and accommodation.

Words of wisdom
He rangi tā matawhāiti, he rangi tā matawhānui.
The person with narrow vision has a restricted horizon, the person with a wide vision has plentiful opportunities.
This whakatauki (proverb) was shared with me by a close mentor of mine. I believe the wisdom in these words rings true.
The Bachelor of Biomedical Science (BBmedSc) is a three-year degree that helps students develop the skills to embark on a range of rapidly developing scientific research careers that explore challenges and opportunities and to be engaged at the front line of discovering vital medical developments, technology and knowledge to understand and treat healthcare problems and diseases and improve the lives of others.

You’ll study the relationship between humans, health and disease, from researching genetics and reproduction to understanding the cellular and molecular structure of a disease and searching for cures.

Throughout your degree, you’ll look at real-life health and medical issues, and gain first-hand experience of biomedical and clinical research through the University’s close relationship with the Capital and Coast District Health Board, the Ferrier Research Institute and the Malaghan Institute of Medical Research.

The programme covers the entirety of human life, from reproduction to ageing, including microbiology and pharmacology. So whether it be biological and medicinal chemistry, environmental health, human genetics, immunology or physiology, the BBmedSc is the first step towards an innovative research career into human health, or an excellent base to study postgraduate medical and clinical training programmes at medical school.

**POTENTIAL CAREERS**
As a BBmedSc graduate, you’ll have the knowledge base to move into a variety of biomedical-related fields such as genetic counselling and management or the pharmaceutical industry. Some careers may require further qualifications or accreditation after completion of your undergraduate degree.

[www.victoria.ac.nz/careers](http://www.victoria.ac.nz/careers)

**POSTGRADUATE OPPORTUNITIES**
Further study can be undertaken through a Bachelor of Biomedical Science with Honours, Master of Biomedical Science, Master of Clinical Immunology and Master of Drug Discovery and Development, or PhD study.

The degree provides an excellent base for study at medical school or for postgraduate biological science, medical and paramedical training programmes.

[www.victoria.ac.nz/sbs/postgraduate](http://www.victoria.ac.nz/sbs/postgraduate)

**RECOMMENDED SCHOOL SUBJECTS**
It is useful to have studied Biology, Chemistry and Mathematics. You can enrol in a preparation course at the University in Trimester Three in the summer before your first year if you don’t have the required background in Chemistry (see page 126).
MAJORS

In your first year, you’ll study a core programme of human biology, human disease, cell biology, chemistry, psychology, computer programming and statistics. You will then study from a range of specialist courses in your second and third years, which are more specific to your chosen major.

**Human Genetics** covers all aspects of the science of human genetics, including the study of the human genome and the treatment of disease and illness of a genetic origin. This major is for those with an interest in areas such as ageing, genetic counselling, human fertility and syndromes and diseases of genetic origin.

**Molecular Pathology** provides an introduction to the molecular basis of disease. The emphasis is on the metabolic, and other, changes that occur when humans succumb to illnesses. This major will suit students interested in clinical biochemistry, forensics, immunology, microbiology and the relationship between health and disease.

**Molecular Pharmacology and Medicinal Chemistry** focuses on all aspects of chemistry in relation to our bodies, including modern chemical methods for the synthesis of drugs and how they are used to treat disease. This major is appropriate if you’re interested in both chemistry and biology.

<table>
<thead>
<tr>
<th>Major</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Human Genetics</td>
<td>HGEN</td>
</tr>
<tr>
<td>Molecular Pathology</td>
<td>MOLP</td>
</tr>
<tr>
<td>Molecular Pharmacology and Medicinal Chemistry</td>
<td>MPMC</td>
</tr>
</tbody>
</table>

**DEGREE REQUIREMENTS**

Three years of full-time study.

A total of 360 points is required, of which at least 180 points must be at 200 and 300 level.

The requirements for at least one major must be satisfied.

Elective courses to make up 360 points may be chosen from any other first degree at the University.

First-year students need to take the 100-level core courses, plus any additional 100-level courses required for their chosen major. For entry-level requirements for 100-level Science courses, see the subjects and courses pages (from page 117).

[www.victoria.ac.nz/courses](http://www.victoria.ac.nz/courses)

---

**Major in Human Genetics**

<table>
<thead>
<tr>
<th>At 100 level</th>
<th>At 200 level</th>
<th>At 300 level</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 111, 114</td>
<td>BIOL 241, 243, 244</td>
<td>Complete three courses: BIOL 340, BMSC 339, BMSC 343</td>
</tr>
<tr>
<td>BMSC 116, 117</td>
<td>BMSC 252</td>
<td></td>
</tr>
<tr>
<td>CHEM 114</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMP 132* (or COMP 102 or COMP 112)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STAT 193</td>
<td></td>
<td>Complete one further course from BIOL, BMSC or BTEC 200–300</td>
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</table>

**Major in Molecular Pathology**

<table>
<thead>
<tr>
<th>At 100 level</th>
<th>At 200 level</th>
<th>At 300 level</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 111, 114</td>
<td>BIOL 241, 243, 244</td>
<td>Complete five courses: BIOL 340, BMSC 301, BMSC 323, BMSC 334, BMSC 335</td>
</tr>
<tr>
<td>BMSC 116, 117</td>
<td>BMSC 252</td>
<td></td>
</tr>
<tr>
<td>CHEM 114</td>
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</tr>
<tr>
<td>PSYC 122 or COMP 132* (or COMP 102 or COMP 112)</td>
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</tr>
<tr>
<td>STAT 193</td>
<td></td>
<td>Complete one further course from BMSC 300–399</td>
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</table>

**Major in Molecular Pharmacology and Medicinal Chemistry**

<table>
<thead>
<tr>
<th>At 100 level</th>
<th>At 200 level</th>
<th>At 300 level</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 111, 114</td>
<td>BIOL 241, 243, 244</td>
<td>Complete four courses: BMSC 335, BMSC 354, CHEM 301, CHEM 305</td>
</tr>
<tr>
<td>BMSC 117</td>
<td>CHEM 201, CHEM 205</td>
<td>Complete one further course from BIOL, BMSC, BTEC or CHEM 300–399</td>
</tr>
<tr>
<td>CHEM 114, 115</td>
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<td></td>
</tr>
<tr>
<td>PSYC 122 or COMP 132* (or COMP 102 or COMP 112)</td>
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</tr>
<tr>
<td>STAT 193</td>
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</tr>
</tbody>
</table>

* COMP 132 is recommended for students who do not have a background in computer programming.

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FIND OUT MORE ABOUT THIS DEGREE [www.victoria.ac.nz/bbmedsc](http://www.victoria.ac.nz/bbmedsc)

FACULTY OF SCIENCE | Level 1, Cotton Building, Kelburn Parade, Wellington

📱 04-463 5101 | 📧 science-faculty@vuw.ac.nz | 🌐 [www.victoria.ac.nz/sbs](http://www.victoria.ac.nz/sbs)
## DEGREE EXAMPLES

### BBmedSc majoring in Human Genetics

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>1/3</td>
<td>2/3</td>
</tr>
<tr>
<td>BIOL 114</td>
<td>BIOL 111</td>
<td>BIOL 244</td>
</tr>
<tr>
<td>15 points</td>
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<td>15 points</td>
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<tr>
<td>STAT 193</td>
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<tr>
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<td>20 points</td>
</tr>
<tr>
<td>BMSC 116</td>
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<tr>
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<tr>
<td>120 points</td>
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</table>

Total points required: 360
Total points completed: 360

### BBmedSc majoring in Molecular Pathology

<table>
<thead>
<tr>
<th>Year 1</th>
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<th>Year 3</th>
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</thead>
<tbody>
<tr>
<td></td>
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</tr>
<tr>
<td>BIOL 114</td>
<td>BIOL 111</td>
<td>BIOL 244</td>
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</tr>
<tr>
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<td>BMSC 117</td>
<td>BIOL 252</td>
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<tr>
<td>15 points</td>
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<tr>
<td>STAT 193</td>
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<td>Elective</td>
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<tr>
<td>15 points</td>
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<td>20 points</td>
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<tr>
<td>BMSC 116</td>
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Total points required: 360
Total points completed: 360

### BBmedSc majoring in Molecular Pharmacology and Medicinal Chemistry

<table>
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<th>Year 3</th>
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</thead>
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<tr>
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<td>1/2</td>
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<td>20 points</td>
</tr>
<tr>
<td>CHEM 114</td>
<td>BMSC 117</td>
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<td>PSYC 122</td>
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<tr>
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<td>CHEM 115</td>
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<tr>
<td>120 points</td>
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<td>120 points</td>
</tr>
</tbody>
</table>

Total points required: 360
Total points completed: 360

### Key

- **Core**
- **Major**
- **Elective**

---

62 Victoria University of Wellington
Favourite course
I have always found the immune system fascinating as it is central to human disease and health; therefore, I wanted to get a good grip on how and why it works the way it does. Studying the immune system in the BMSC 334 Cell and Immunobiology course has been one of the highlights of my university experience. It was a course that allowed me to hit the books and come out feeling like I had a fundamental understanding of a whole new world that I barely understood before.

First year
I found the first year very challenging. University life, and the way you’re assessed, is quite different from high school. It’s a fast-paced environment and you have to learn how to be self-sufficient. However, if you set yourself a goal at the beginning, it can be a lot easier to stay focused and manage your time. Looking back, I think that challenge was crucial. When you go to university you expect to expand your knowledge, but you also experience so much personal growth during the process.

Summer scholarship
I had the opportunity to do a summer scholarship at the Malaghan Institute of Medical Research. It was an amazing experience, consolidating all the lab skills I have obtained during my degree and opening my eyes to what working in a research lab entails. There are so many things I value about my time at the Malaghan but, most of all, it helped me find direction for my future after I graduated. I had gone to university not really understanding what postgraduate study was or why you do it. Now, I can’t imagine my future without it.

Advice
Everyone has moments of feeling overwhelmed at university. Just remember that you’re not alone—everyone goes through it. Reach out for help and be resourceful: talk to classmates and lecturers and access student support services. There’s plenty of help available to help you succeed. Don’t be too hard on yourself if things don’t work out at first; sometimes you have to approach problems from a different angle to find a solution. Finally, have fun. There are a wealth of opportunities at Victoria University, so dive in there and make the most of it.
Victoria University is an international leader in the field of building science, and our Bachelor of Building Science (BBSc) is the country’s leading programme devoted to the science of buildings. You will study building construction and sustainability in order to promote the construction of durable, economic and healthy buildings, while being aware of architectural design issues.

The BBSc is a three-year undergraduate degree with two majors: Project Management and Sustainable Engineering Systems (you may choose to study both majors). These majors have been developed in response to the evolving needs of the building industry.

In your first year, you study core courses alongside students in the first year of the Bachelor of Architectural Studies (BAS). This maximises your exposure to all aspects of built environments and is designed to increase your awareness of the different disciplines contributing to it. In the following two years you will study core Building Science topics, including construction, structures, environmental science, building systems and project management.

At the end of the three years’ study, you will have knowledge and skills to begin a satisfying career in the building industry or to continue your study at postgraduate level. Graduates have expertise in the economics, science and technology of building and an understanding of architecture.

Note: The BBSc shares a common first year with the Bachelor of Architectural Studies (BAS). If you include SARC 112 as your elective, you can choose to change degrees and choose a major from the BAS (see page 48).

FIND OUT MORE ABOUT THIS DEGREE  www.victoria.ac.nz/bbsc

FACULTY OF ARCHITECTURE AND DESIGN | 139 Vivian Street, Wellington

04-463 6200 | architecture@vuw.ac.nz | www.victoria.ac.nz/architecture
POTENTIAL CAREERS
Building Science graduates have a combination of theoretical knowledge and practical experience that meets an urgent need for building science professionals. You will find careers in diverse areas including acoustics, building research and development, heating, lighting, project management and sustainable engineering. The BBSc, together with the Master of Building Science (MBSc) fulfils the academic requirements for professional membership of the New Zealand Institute of Building (NZIOB).

www.victoria.ac.nz/careers

POSTGRADUATE OPPORTUNITIES
A BBSc leads to postgraduate study in the two-year Master of Architectural Science (MArchSc) programme. As a Master’s student, you can extend your undergraduate major in Project Management or Sustainable Engineering Systems and, in the second year, undertake a thesis topic in lighting, energy analysis or another area that can be supervised in the School of Architecture.

www.victoria.ac.nz/architecture/postgraduate

RECOMMENDED SCHOOL SUBJECTS
Recommended school subjects include Design or Graphics, English, Mathematics (preferably Calculus), Physics, Statistics or Technology. If you do not have a minimum of 14 NCEA Level 3 credits in each of two of Calculus, Physics or Statistics, you will need to include SARC 122 Introduction to Applied Physics, Numerical Methods and Statistics for Designers in your first-year programme.

www.victoria.ac.nz/careers

DEGREE REQUIREMENTS
Three years of full-time study.
A total of 360 points is required:
- at least 270 points must be from courses listed for the BBSc or BAS
- at least 210 points must be at 200 and 300 level
- of the 210 points, at least 180 points must be from courses listed for the BBSc or BAS
- of the 180 points, at least 90 points must be at 300 level.

Complete the eight core courses at 100 level (in your first year). See below.

Satisfy the requirements for at least one major.

First year (both majors)

<table>
<thead>
<tr>
<th>Trimester One (1/3)</th>
<th>Trimester Two (2/3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SARC 111</td>
<td>SARC 121</td>
</tr>
<tr>
<td>SARC 131</td>
<td>SARC 122*</td>
</tr>
<tr>
<td>SARC 151</td>
<td>SARC 162</td>
</tr>
<tr>
<td>SARC 161</td>
<td>Elective (15 points)</td>
</tr>
</tbody>
</table>

* SARC 122 may be replaced with an elective course of your choice if you have gained a minimum of 14 NCEA Level 3 credits in each of two of Calculus, Physics, Statistics or equivalent in another qualification.

Major in Sustainable Engineering Systems

<table>
<thead>
<tr>
<th>Second year</th>
<th>Third year</th>
</tr>
</thead>
<tbody>
<tr>
<td>BILD 251</td>
<td>BILD 322</td>
</tr>
<tr>
<td>SARC 221</td>
<td>BILD 364</td>
</tr>
<tr>
<td>SARC 222</td>
<td>SARC 321</td>
</tr>
<tr>
<td>SARC 223</td>
<td>SARC 362</td>
</tr>
<tr>
<td>BILD 231</td>
<td>BILD 321</td>
</tr>
<tr>
<td>BILD 232</td>
<td>BILD 331</td>
</tr>
<tr>
<td>SARC 221</td>
<td>BILD 364</td>
</tr>
<tr>
<td>Two elective courses*</td>
<td>Two elective courses*</td>
</tr>
</tbody>
</table>

* Students wanting both majors may replace the second- and third-year electives with BILD 261, 262, 321 and 362.

Specialisation in Project Management

<table>
<thead>
<tr>
<th>Second year</th>
<th>Third year</th>
</tr>
</thead>
<tbody>
<tr>
<td>BILD 251</td>
<td>BILD 322</td>
</tr>
<tr>
<td>SARC 221</td>
<td>BILD 364</td>
</tr>
<tr>
<td>SARC 222</td>
<td>SARC 321</td>
</tr>
<tr>
<td>SARC 223</td>
<td>SARC 362</td>
</tr>
<tr>
<td>BILD 261</td>
<td>BILD 321</td>
</tr>
<tr>
<td>BILD 262</td>
<td>BILD 362</td>
</tr>
<tr>
<td>Two elective courses*</td>
<td>Two elective courses*</td>
</tr>
</tbody>
</table>

* Students wanting both majors may replace the second- and third-year electives with BILD 231, 232, 321 and 321.

MAJORS

**Project Management** involves the study of the logistics surrounding the built environment, processes involved in building construction, financial and project management methods and construction laws.

**Sustainable Engineering Systems** is the study of environmental engineering systems and sustainability at both the building and urban level. You will develop appropriate design systems to address the quality of built environments from air quality and acoustics to heating and lighting, while incorporating the efficient use of sustainable materials and building resources.

<table>
<thead>
<tr>
<th>Major</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Management</td>
<td>BILD</td>
</tr>
<tr>
<td>Sustainable Engineering Systems</td>
<td>BILD</td>
</tr>
</tbody>
</table>
### DEGREE EXAMPLES

#### BBSc majoring in Project Management

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/3 15 points</td>
<td>1/3 15 points</td>
<td>1/3 15 points</td>
</tr>
<tr>
<td>SARC 111 15 points</td>
<td>SARC 121 15 points</td>
<td>SARC 221 15 points</td>
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<tr>
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<td>SARC 122 15 points</td>
<td>SARC 222 15 points</td>
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<tr>
<td>SARC 151 15 points</td>
<td>SARC 162 15 points</td>
<td>BILD 261 15 points</td>
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<tr>
<td>SARC 161 15 points</td>
<td>Elective 15 points</td>
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<td>120 points</td>
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</tbody>
</table>

Total points required: 360
Total points completed: 360

#### BBSc majoring in Sustainable Engineering Systems

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/3 15 points</td>
<td>1/3 15 points</td>
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<tr>
<td>SARC 111 15 points</td>
<td>SARC 121 15 points</td>
<td>SARC 221 15 points</td>
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<td>SARC 131 15 points</td>
<td>SARC 122 15 points</td>
<td>SARC 222 15 points</td>
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<tr>
<td>SARC 151 15 points</td>
<td>SARC 162 15 points</td>
<td>BILD 231 15 points</td>
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<td>SARC 161 15 points</td>
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</table>

Total points required: 360
Total points completed: 360

#### BBSc majoring in Project Management and Sustainable Engineering Systems

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<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
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<tr>
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<td>SARC 162 15 points</td>
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Total points required: 360
Total points completed: 360

Key

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<tr>
<th>Core</th>
<th>First major</th>
<th>Second major</th>
<th>Elective</th>
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Victoria University of Wellington
New discovery
I had always been very interested in design, psychology and science, but couldn’t quite make up my mind what to study at university until I read about Building Science at Victoria University. It was like one of those moments in the movies when the angels are singing and you find ‘the one’, which for me was Building Science, as it combines all of the things I love.

Leading role
Victoria has given me the opportunity to expand my knowledge, achieve my goals and boost my confidence. I’ve become a lot better at public speaking and sharing my passions and ambitions. As a Pasifika student ambassador and a leader in Te Rōpū Āwhina, I have been given the opportunity to attend outreach events and share my experiences and knowledge with the younger generation.

Staying focused
The first year of the Building Science course is quite broad. At times, it was difficult, but when you really knuckle down and stay focused it really isn’t too bad. I found that often the only thing holding you back is yourself, and when the work gets hard, there is always someone there to help you.

Passion for sustainability
A sustainability paper I did in first year was a real highlight. I’d previously never been one to waste, but finding out about the effect of every little drink bottle or minute in the shower has on the environment gave me a true realisation of my impact on the world. The course gave me a valuable insight on the wider world and its issues—I was always interested in sustainability, but this course gave me a whole new level of passion for the subject.

Exciting new start
The first year involved a whole lot of things I’d never done, learnt or even thought about before, which was both scary and exciting. Knowing that Building Science was my area of interest, I took a design course about materials, and it was the best decision I ever made. I found the course really useful and the experimental nature really suited my learning style.
Victoria Business School holds the triple crown of international accreditations of EQUIS (www.efmd.org), AACSB (Business) (www.aacsb.edu) and AMBA (www.mbaworld.com). Just 1 percent of business schools worldwide have this triple crown endorsement, so it puts us among a select group of institutions globally. It means the School is benchmarked against the best in the world and is certified by three international organisations as delivering business-related qualifications meeting international standards in quality of content, assurance of learning for students and a global perspective. We take students’ needs very seriously and aim for continuous improvement; as a result, our qualifications are recognised internationally.

Victoria Business School is the first in New Zealand to have obtained accreditation from AACSB in both Business and Accounting; very few business schools worldwide hold this distinguished hallmark of excellence.

The Bachelor of Commerce (BCom) is a three-year undergraduate degree. The degree benefits from being taught in its capital city location in the nation’s administrative hub. The School is housed at the Pipitea campus in the central business district, across the road from Parliament. First-year courses are taught at the Kelburn campus, but students are based at Pipitea campus for subsequent years.

In addition to its own teaching staff, the University uses the expertise of professionals working at the highest levels of business and government. Wellington’s private and public sector organisations provide a wealth of research opportunities.

FIND OUT MORE ABOUT THIS DEGREE  www.victoria.ac.nz/bcom

VICTORIA BUSINESS SCHOOL | Ground Floor, Rutherford House, Pipitea Campus, Wellington
☎ 04-463 5376 | vbs@vuw.ac.nz | www.victoria.ac.nz/vbs
POTENTIAL CAREERS
A BCom leads to a range of public and private sector careers, including accountancy, actuarial science, advertising, banking, e-commerce, economics, financial analysis, human resource management, international business, management consulting, marketing, public policy, software development and tourism management.

POSTGRADUATE OPPORTUNITIES
The University has a range of postgraduate options, including Honours, Master’s and PhD programmes for BCom students wishing to continue their studies.

RECOMMENDED SCHOOL SUBJECTS
Accounting, Business Studies, Calculus, Computer Science, Economics, Geography, Languages, Statistics and essay-based subjects such as English and History are recommended.

MAJORS

<table>
<thead>
<tr>
<th>Major</th>
<th>Code</th>
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<tbody>
<tr>
<td>Accounting</td>
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</tr>
<tr>
<td>Actuarial Science</td>
<td>ACTS</td>
</tr>
<tr>
<td>Commercial Law</td>
<td>COML</td>
</tr>
<tr>
<td>Data Science</td>
<td>DATA</td>
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<tr>
<td>Economics</td>
<td>ECON</td>
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<tr>
<td>Finance</td>
<td>FINA</td>
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<tr>
<td>Human Resource Management and Industrial Relations</td>
<td>HRIR</td>
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<tr>
<td>Information Systems</td>
<td>INFO</td>
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<tr>
<td>International Business</td>
<td>IBUS</td>
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<td>Management</td>
<td>MGMT</td>
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<td>Marketing</td>
<td>MARK</td>
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<tr>
<td>Public Policy</td>
<td>PUBL</td>
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<tr>
<td>Taxation</td>
<td>TAXN</td>
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<tr>
<td>Tourism Management</td>
<td>TOUR</td>
</tr>
</tbody>
</table>

Other BCom subject (not a major)
- Econometrics

DEGREE REQUIREMENTS
Three years of full-time study.
A total of 360 points is required:
- at least 210 points must be from courses listed for the BCom
- at least 180 points must be at 200 and 300 level
- of the 180 points, at least 75 points must be at 300 level
- of the 75 points, at least 45 points must be from courses listed for the BCom.

The seven core courses at 100 level, see below, must be completed (usually in the first year).

The requirements for at least one BCom major (listed left) must be satisfied.

No 300-level course may be counted towards more than one major or minor.

Other important information
You may include a second major in your BCom from majors offered for the Bachelor of Arts (BA), Bachelor of Architectural Studies (BAS), Bachelor of Science (BSc) and Bachelor of Design Innovation (BDI).

You may also select up to two minors in an undergraduate subject area for the BA, BAS, BCom, BDI and BSc. A minor comprises at least 60 points from the relevant subject area at 200 level or above, of which at least 15 points must be at 300 level and not counted towards a major or another minor. Many courses have specific prerequisites, so you will normally need to start studying subjects you wish to minor in during your first year. Go to www.victoria.ac.nz/courses for details.

If you are considering a second major taught by another faculty or adding a minor to your BCom, you must contact your student adviser for degree-planning advice.

THE BCom CORE

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course title</th>
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<tbody>
<tr>
<td>ACCY 111* or ACCY 115 or ACCY 130</td>
<td>Accounting or Fundamentals of Accounting or Accounting for Decision Making</td>
</tr>
<tr>
<td>ECON 130</td>
<td>Microeconomic Principles</td>
</tr>
<tr>
<td>FCOM 111**</td>
<td>Government, Law and Business</td>
</tr>
<tr>
<td>INFO 101</td>
<td>Foundations of Information Systems</td>
</tr>
<tr>
<td>MARK 101</td>
<td>Principles of Marketing</td>
</tr>
<tr>
<td>MGMT 101</td>
<td>Introduction to Management</td>
</tr>
<tr>
<td>QUAN 102</td>
<td>Statistics for Business</td>
</tr>
</tbody>
</table>

* If you are considering advancing in Accounting or Taxation you should take ACCY 111 and ACCY 115. Other students can take ACCY 130 (a more practical course) instead.

** FCOM 111 should be included in the first year of study.

If you have NCEA with Merit or Excellence in all of these NCEA Level 3 standards: Concepts for a New Zealand reporting entity (91404), Company financial statement preparation (91406) and Management accounting to inform decision-making (91408), you will be permitted direct entry into ACCY 115 without requiring ACCY 111 as a prerequisite.

It is not necessary to take all core courses in your first year, although you are required to include FCOM 111. You may need to replace some of the others with 100-level prerequisites needed to advance in certain subjects (for example, second BCom majors or majors for other degrees). It may also be possible to do some core courses during Trimester Three.
MAJOR REQUIREMENTS

The requirements listed below are the requirements for a major; statutory requirements are listed in the University’s Calendar.

Note: If you are doing the ACCY, COML, HRIR, IBUS, MGMT, MARK or TAXN majors in the BA or BSc, you must include the entire BCom core. However, that is not the case for the ECON, FINA, INFO or PUBL majors. The entire BCom core is not required for a minor in any Commerce subject.

Accounting (ACCY)
If you are a first-year student, you should include ACCY 111, ACCY 115, ECON 130 and FCOM 111. Also recommended are ECON 141, INFO 101, QUAN 102.

a. Complete one course from FINA 101, FINA 201, FINA 211.
b. Complete six courses at 200 level: ACCY 223, ACCY 225, ACCY 231, COML 203, COML 204, TAXN 201.
c. Complete three courses at 300 level: ACCY 302, ACCY 308, ACCY 330.

Actuarial Science* (ACTS)

a. Complete six courses at 100 level: ACCY 130, ECON 130, ECON 141, MATH 142*, MATH 177*, (MATH 151 or at least a B+ in QUAN 111).

b. Complete four courses at 200 level: ACTS 201, ECON 201, FINA 201 or FINA 202, MATH 277.
c. Complete four courses at 300 level: ACTS 301, either FINA 303 or 306, STAT 335; and one further course from (ACTS 336, FINA 303, FINA 306, MATH 377).

* Additional prerequisites may be required.

a. Complete six courses at 100 level: ACCY 130, ECON 130, ECON 141, MATH 142*, MATH 177*, (MATH 151 or at least a B+ in QUAN 111).

b. Complete four courses at 200 level: ACTS 201, ECON 201, FINA 201 or FINA 202, MATH 277.
c. Complete four courses at 300 level: ACTS 301, either FINA 303 or 306, STAT 335; and one further course from (ACTS 336, FINA 303, FINA 306, MATH 377).

Commercial Law (COML)
If you are a first-year student, you should include FCOM 111.

a. Complete three courses at 200 level: COML 203, COML 204, and one further course from COML 205, COML 206, TAXN 201.
b. Complete three courses at 300 level: COML 310; and two further courses from COML 300–399*.

* One of these may be replaced by an approved course from TAXN 300–399.

Data Science (DATA)

a. Complete three courses at 100 level:
   - DATA 101
   - One course from COMP 102, COMP 112, COMP 132; and INFO 151, INFO 226
   - One course from MATH 177, QUAN 102, STAT 193.
b. Complete four courses at 200 level:
   - DATA 201, DATA 202
   - One course from MATH 277, QUAN 203, STAT 292
   - One further course from COMP 261, GEOG 215, INFO 264, MATH 245, MATH 251, MATH 261, MATH 277, PHIL 269, QUAN 201, QUAN 203, STAT 292, STAT 293.
c. Complete four courses at 300 level:
   - DATA 301, DATA 303, COMP 309
   - One course from DATA 304–399, COMP 307, COMS 305*, ECON 303, GEOG 315, INFO 377, MARK 317, MATH 353, MGMT 315, MGMT 316, STAT 392, STAT 394, SWEN 304.

Economics (ECON)
If you are a first-year student, you should include ECON 130, ECON 141, QUAN 202, QUAN 111.
a. Complete four courses at 100 level: ECON 130, ECON 141, QUAN 102 (or MATH 177 or STAT 131/193), and QUAN 111 (or MATH 141/142, and MATH 151).
b. Complete three courses at 200 level: ECON 201, ECON 202; one further course from ECON 211, 212, FINA 201, MATH 277, QUAN 201, QUAN 203.
c. Complete three courses at 300 level from ECON 301–399, FINA 304, FINA 306, PUBL 303.

Finance (FINA)
If you are a first-year student, you should include ECON 130, ECON 141, QUAN 202, QUAN 111.
a. Complete four courses from ECON 130, ECON 141, QUAN 102 (or MATH 177 or STAT 131/193), QUAN 111 (or MATH 141/142, and MATH 151).
b. Complete three courses at 200 level: FINA 201, FINA 202; and one further course from ACCY 231, ECON 201, ECON 202, FINA 203, MATH 277, QUAN 201, QUAN 203, STAT 231, STAT 233.
c. Complete three courses at 300 level from ACCY 306, FINA 300–399.

Human Resource Management and Industrial Relations (HRIR)
If you are a first-year student, you should include MGMT 101.
b. Complete four courses at 300 level: HRIR 320 and three further courses from HRIR 300–399.
c. Complete one further course from COML 302, ECON 333, HRIR 300–399, MGMT 300–399.

Information Systems (INFO)
If you are a first-year student you should include INFO 101, INFO 141, INFO 151.
a. Complete three courses at 100 level: INFO 101, INFO 141, INFO 151.
b. Complete three courses at 200 level from INFO 200–299.
c. Complete three courses at 300 level: INFO 320 or INFO 395, and two further courses from INFO 300–399.

If you are completing a major in Information Systems, you may obtain a specialisation in Business Analysis by including the following six courses in meeting the 200- and 300-level major requirements listed above: INFO 231, INFO 234, INFO 264, INFO 395, and two further courses from INFO 334, INFO 354, INFO 376, INFO 388.

If you are completing a major in Information Systems, you may obtain a specialisation in IT Solutions by including the following six courses in meeting the 200- and 300-level major requirements listed above: INFO 226, INFO 231, INFO 246, INFO 320, and two further courses from INFO 354, INFO 376, INFO 377, INFO 386.
International Business (IBUS)
If you are a first-year student, you should consider taking an approved language or culture course in the first year.

a. Complete IBUS 201, IBUS 212, IBUS 305, IBUS 312.
b. Complete one further course from IBUS 200–399.
c. Complete one further course from IBUS 300–399, MARK 302 (or from ACCY 309, COML 306, ECON 309, FINA 302, HRIR 303).
d. Complete 20 points from 100-level ASIA, CHIN, FREN, GERM, ITAL, JAPA, PASI or SPAN or one of (ASIA 201, ASIA 202, ASIA 203, FHSS 210) or an approved substitute.

Management (MGMT)
If you are a first-year student, you should include MGMT 101.

b. Complete four courses at 300 level: MGMT 320, and three further courses from MGMT 300–399.

Marketing (MARK)
If you are a first-year student, you should include MARK 101 and QUAN 102.

a. Complete three courses at 200 level: MARK 201, MARK 202, MARK 203.
b. Complete two courses at 300 level: MARK 301, MARK 303.
c. Complete two further courses from MARK 300–399, COML 308.

Public Policy (PUBL)
If you are a first-year student, you should include FCOM 111 or PUBL 113 (recommended) or POLS 111.

a. Complete one course at 100 level from FCOM 111, POLS 111, PUBL 113.
b. Complete three courses at 200 level: PUBL 201, PUBL 210 and one further course from PUBL 200–299.
c. Complete two courses at 300 level: PUBL 310, and one further course from PUBL 300–399.
d. One further course from PUBL 200–399.

Taxation (TAXN)
If you are a first-year student, you should include ACCY 111, ACCY 115, FCOM 111.

a. Complete four courses at 200 level: ACCY 231, COML 203, COML 204, TAXN 201.
b. Complete three courses at 300 level: TAXN 301, and two further courses from TAXN 300–399.

Tourism Management (TOUR)
If you are a first-year student, you should include TOUR 101, TOUR 102.

b. Complete TOUR 201, TOUR 202, TOUR 203.
c. Complete TOUR 302 or TOUR 320; 45 further points from TOUR 300–399.
DEGREE EXAMPLES

BCom majoring in Accounting and Commercial Law with a minor in Taxation

<table>
<thead>
<tr>
<th></th>
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<th>Year 3</th>
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Total points required: 360
Total points completed: 360

* ECON 141 may be required to meet the academic requirements of professional accounting bodies. Go to www.victoria.ac.nz/accounting-careers for more information.

BCom majoring in Economics and Finance

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BCom majoring in Tourism Management and Management

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<th>Second major</th>
<th>Minor</th>
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</thead>
</table>

72 Victoria University of Wellington
JARED COTTON
Student, Bachelor of Commerce in Accounting and Finance and Bachelor of Laws

First-year challenges
My first year of study was challenging, but ultimately successful. I was shown new ways of thinking and had to take responsibility for my own learning. As I was coming to university after taking a gap year to travel, I found adjusting back to studying challenging and I was struggling with my first-year Law courses. However, instead of changing my programme, I was able to rely on the student support services the University offers to help its students succeed—for example, Student Learning and its peer-assisted study support (PASS). These enabled me to achieve my goals in my first year, and inspired me to help others.

Get involved
Beyond the classroom, there’s heaps of opportunities to both learn new things and make new friends through clubs, business competitions and professional development opportunities. Make the most of all the opportunities that the University offers and enjoy being a student. I’ve been involved with Beta Alpha Psi, the Victoria Business Consulting Club, the Business and Investment Club, Victoria Plus, Te Pūtahi Atawhai (TPA), PASS and the Victoria International Buddy Programme. Participating in extracurricular activities will introduce you to like-minded individuals who will help you discover your passion and achieve your goals.

Real-world experience
Throughout my degree, the University has enabled me to have internships in both the public and private sector and given me the support, network and skills required to seek graduate employment internationally. So far, I’ve had the opportunity to do internships at the Department of Internal Affairs, EY and Milford Asset Management. I also had the opportunity to develop an international network through travelling to accounting and finance conferences in Auckland, Baltimore, Sydney and Los Angeles, thanks to the Victoria University Chapter of Beta Alpha Psi.

Taking the lead
Working with TPA and the PASS programme were both valuable opportunities for me to take on a leadership role alongside my studies. At TPA, I was able to mentor students who were studying QUAN 102 Statistics for Business. It was extremely rewarding to see the students go from struggling with the content to receiving awesome grades on their tests. I was involved with PASS first as a student and then as a PASS leader. I found the PASS study groups so valuable in my first year that I decided to return as a leader to help ensure other students had the same opportunity to succeed.

Capital connections
Studying in a capital city allows you to see the strong connection between government, business and academia. Both Victoria Business School and the School of Law are located across the road from Parliament and the Supreme Court, in the heart of Wellington’s CBD. This allows students to experience the interface between business, innovation and regulation. What I love about living in Wellington is that it is a lively and creative capital. With great shopping, galleries and beaches, and the best café and restaurant culture in the country, Wellington has something for everyone.
The Bachelor of Design Innovation (BDI) will push you to forge a future in the many expanding design-related industries by learning how to use technology to encourage creative and thoughtful design solutions that will challenge the way the world works.

Design innovation is vital to the design process and has the potential to enhance both cultural and economic wellbeing. Bringing together behavioural, cultural and social insights with technology creates an environment where truly innovative, unexpected and meaningful designs emerge.

The University’s three-year BDI allows you to configure your course of study to suit your individual interests and prepare you for your desired career.

You can major in one of six areas—Communication Design, Design for Social Innovation, Fashion Design Technology*, Industrial Design, Interaction Design or Media Design—or combine your studies in Design with a minor in a complementary discipline such as Computer Science, Cultural Anthropology, Film, Marketing, Māori Studies, Media Studies, Pacific Studies or Psychology.

The first year of the BDI introduces you to the breadth of design tools and technologies and develops the discipline necessary for working in a creative practice. Employing ‘designing through making’ learning processes, the first year provides you with design confidence through a series of experimental challenges.

A distinguishing feature of the School of Design is its cross-disciplinary programme that allows strong relationships to develop across the majors. It is an integrated programme of study that challenges traditional definitions of design through the creative investigation of the skills and principles of design.

You are encouraged to develop a strong, individual approach to design while identifying a commitment to a particular design discipline.

A portfolio is not required to get into the first-year programme, but selection into second-year disciplines is based on academic performance in the first year.

* Subject to regulatory approval.

FIND OUT MORE ABOUT THIS DEGREE  www.victoria.ac.nz/bdi

FACULTY OF ARCHITECTURE AND DESIGN | 139 Vivian Street, Wellington

04-463 6200 | design@vuw.ac.nz | www.victoria.ac.nz/design
COMMUNICATION OPPORTUNITIES

Communication Design graduates will be well prepared to start their career in a range of design fields, including art direction, communication design, digital branding, graphic design, illustration, layout design, photography and publishing.

Design for Social Innovation offers a variety of career opportunities in the rapidly expanding field of the creative industries. Future careers include design advocates, consultants, critics, curators, facilitators, managers, researchers, strategists, teachers, writers and design and material culture advisers.

Fashion Design Technology provides a strong base for any career in fashion, including generative textiles, interaction design for healthcare, and wearable technology. Graduates will be well prepared for roles such as concept artist, costume designer, creative director-fashion, fashion designer, fashion editor, retail merchandiser, textile designer, wardrobe stylist and wearable technology expert.

Industrial Design has a well-established range of career opportunities. The programme encourages a global perspective and provides an internationally competitive qualification. Whether operating out of New Zealand or practising internationally, Industrial Design students can look forward to such positions as 3D digital designers, design consultants, exhibition designers, furniture designers, in-house industrial designers, physical interaction designers, product interface designers, product usability designers and design and technology teachers.

Interaction Design graduates will be well placed to start their career in the fast-growing design industry as a game designer, interaction designer, interface designer, service designer, user-experience designer or web designer.

Media Design prepares you for roles in interactive media, one of the fastest growing sectors of the new mobile world economy. Students graduating from the Media Design major can look forward to careers in 3D animation, entertainment and interactive TV, film and visual effects, game development and design, motion graphics, performance arts and exhibition design and web design.

www.victoria.ac.nz/careers

POSTGRADUATE OPPORTUNITIES

The BDI leads to the 13-18-month Master of Design Innovation (MDI) for students who wish to train as professional designers. While the BDI will inspire and open your mind to an exciting new world of career possibilities in design, the MDI offers you the opportunity to focus your studies and develop your skills to internationally competitive levels of professional practice.

www.victoria.ac.nz/design/postgraduate

RECOMMENDED SCHOOL SUBJECTS

Recommended school subjects include Art, Design, Digital Media, English, Graphics, Media Studies and Technology. If you have not achieved 14 credits in an English-rich subject at NCEA Level 3 (Art History, Classics, Economics, English, Geography or History), you must complete a writing skills course (WRIT 101 or WRIT 151) in your first year of the BDI.

MAJORS

Communication Design: Actively shape and inform the future evolution of the design industry in New Zealand and learn how to respond and contribute to a global society that is creative, ethical, sustainable, experimental and reflective of different cultures. Unlike other communication design programmes in New Zealand, you will explore innovative concepts such as generative design, digital painting and visual narratives, while considering Māori knowledge and culture.

Design for Social Innovation: This major will give you a good understanding of the relationship between design and culture, society, technology and the environment. Explore how they impact each other and delve into the theoretical and practical connections between them. You'll look at how design is applied across a variety of industries and how it relates to other areas of study.

Fashion Design Technology*: Learn to design and create clothing and accessories while exploring rich cultures and histories. Discover how fashion is used to tell stories and how garments are being constructed for the needs to the twenty-first century. You’ll study the human body, pattern making, and the design and construction of garments, while exploring the history of fashion, ethical production practices and sustainability alongside cutting-edge applications in fashion design.

* Subject to regulatory approval.

Industrial Design: Learn how to develop original, useful and meaningful products that enrich our daily lives. You’ll explore the complex social and cultural considerations that go into creating good design. Study human experience, behaviour, needs and desires so that you can design products that respond to them.

Interaction Design: Be part of one of the most important emerging fields within the design discipline. From mobile computing to gaming and the emerging virtual reality sector, Interaction Design is a highly interdisciplinary field. You’ll be introduced to a range of design disciplines and have the opportunity to combine your knowledge with courses from other schools and faculties at the University.

Media Design: Explore the diverse ways people interact with digital technology. These technologies include augmented and virtual reality, gaming and mobile media, visual and audio communication and web experiences. You’ll spend most of your class time in studios working on design solutions to real-world problems. You’ll brainstorm, build concepts and craft projects while developing new software skills.

www.victoria.ac.nz/design/postgraduate
DEGREE REQUIREMENTS

Three years of full-time study.
A total of 360 points is required:
- at least 240 points must be from courses listed for the BDI
- at least 200 points must be at 200 and 300 level
- of the 200 points, at least 120 points must be from courses listed for the BDI and at least 80 points must be at 300 level
- of the 80 points, at least 60 points must be from courses listed for the BDI.

The requirements for one major must be satisfied. Courses at 300 level may be counted only towards one major.

MAJORS

<table>
<thead>
<tr>
<th>Major</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication Design</td>
<td>COMD</td>
</tr>
<tr>
<td>Design for Social Innovation</td>
<td>CCDN</td>
</tr>
<tr>
<td>Fashion Design Technology*</td>
<td>FADN</td>
</tr>
<tr>
<td>Industrial Design</td>
<td>INDN</td>
</tr>
<tr>
<td>Interaction Design</td>
<td>IXXN</td>
</tr>
<tr>
<td>Media Design</td>
<td>MDDN</td>
</tr>
</tbody>
</table>

*Subject to regulatory approval.

First year
All BDI students must complete four core courses at 100 level.

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course title</th>
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<tbody>
<tr>
<td>DSDN 101</td>
<td>Design Visualisation</td>
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<tr>
<td>DSDN 111</td>
<td>Ideas and Principles of Design</td>
</tr>
<tr>
<td>DSDN 171</td>
<td>Design in Context</td>
</tr>
<tr>
<td>WRIT 101 or WRIT 151*</td>
<td>Writing at University or Writing in English as a Second Language</td>
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*If you have 14 NCEA Level 3 credits in Art History, Classics, Economics, English, Geography or History, you may substitute the WRIT course with another 100-level course.

In addition to these core courses, you will take other 100-level courses as required for your major. You can also include a minor within your programme of study. See below for more information.

Specialisations
Within each major, it is possible to include specialisations, as described under each major.

Minors
If you are majoring in Communication Design, Industrial Design, Interaction Design or Media Design, you have the option of including a minor within your programme of study. If you are majoring in Design for Social Innovation, you must include a major or minor in an approved complementary subject from outside the BDI schedule.

Minors require course planning from your first year to ensure prerequisites are met for 200- and 300-level courses. Minors consist of 60 points from 200–300 level, including at least 15 points at 300 level. For a list of recommended minors, with your required first-year courses, go to www.victoria.ac.nz/bdi

The BDI must include 240 Design points overall, so plan any non-Design electives or minors carefully to meet this requirement.

Specialisations
If you are completing a major in Communication Design, you may obtain a specialisation within that major by completing the courses in your chosen specialisation:

**Advertising:** COMD 321, COMD 351, DSDN 244, and 20 points from MDIA 100–199

**Computational Graphic Design:** COMD 342, MDDN 242, and 20 further points from MDDN 200–399.

Design for Social Innovation

<table>
<thead>
<tr>
<th>First year</th>
<th>Second year</th>
<th>Third year</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSDN 101</td>
<td>DSDN 111</td>
<td>DSDN 171</td>
</tr>
<tr>
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<td>Writing at University or Writing in English as a Second Language</td>
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<tr>
<td></td>
<td>CCDN 271</td>
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*If you have 14 NCEA Level 3 credits in Art History, Classics, Economics, English, Geography or History, you may substitute the WRIT course with another 100-level course.

If you are majoring in Design for Social Innovation, you must include a major or minor in an approved complementary subject from outside the BDI schedule.

Minors require course planning from your first year to ensure prerequisites are met for 200- and 300-level courses. Minors consist of 60 points from 200–300 level, including at least 15 points at 300 level. For a list of recommended minors, with your required first-year courses, go to www.victoria.ac.nz/bdi

The BDI must include 240 Design points overall, so plan any non-Design electives or minors carefully to meet this requirement.

Specialisations
If you are completing a major in Design for Social Innovation, you may obtain a specialisation within that major by completing the courses in your chosen specialisation:

**Cultures of Making:** CCDN 233, CCDN 244, CCDN 344

**Service Design:** DSDN 251, CCDN 233, CCDN 312

**Speculative Design:** CCDN 233, CCDN 242, CCDN 312, CCDN 342.
If you are majoring in Design for Social Innovation, you must also complete one minor in a complementary subject from outside the BDI subjects. See left for more information about minors.

**Fashion Design Technology**

<table>
<thead>
<tr>
<th>First year</th>
<th>Second year</th>
<th>Third year</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSDN 101</td>
<td>CCDN 271</td>
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<td>DSDN 111</td>
<td>FADN 201*</td>
<td>FADN 312*</td>
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<td>DSDN 171</td>
<td>FADN 242</td>
<td>FADN 341*</td>
</tr>
<tr>
<td>WRIT 101 or WRIT 151*</td>
<td>CCDN 271</td>
<td>MDDN 351</td>
</tr>
</tbody>
</table>

| DSDN 142            | Two further courses from COMD 211, INDN 241, INDN 252, MDDN 251 | One course from INDN 321, INDN 332, IXXN 341 |
| DSDN 152*           | FADN 101^           |                     |

15 points from elective courses 20 points from elective courses 20 points from elective courses

* If you have 14 NCEA Level 3 credits in Art History, Classics, Economics, English, Geography or History, you may substitute the WRIT course with another 100-level course.

**Specialisations**

If you are completing a major in Fashion Design Technology, you may obtain a specialisation within that major by completing the three courses in your chosen specialisation:

- **Costume Technology:** COMD 231, FADN 321^, INDN 332
- **Wearable Technology:** MDDN 251, INDN 321, IXXN 341.

^ Subject to regulatory approval.

**Industrial Design**

<table>
<thead>
<tr>
<th>First year</th>
<th>Second year</th>
<th>Third year</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSDN 101</td>
<td>CCDN 271</td>
<td>FADN 301*</td>
</tr>
<tr>
<td>DSDN 111</td>
<td>FADN 201*</td>
<td>FADN 312*</td>
</tr>
<tr>
<td>DSDN 171</td>
<td>FADN 242</td>
<td>FADN 341*</td>
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<tr>
<td>WRIT 101 or WRIT 151*</td>
<td>CCDN 271</td>
<td>MDDN 351</td>
</tr>
</tbody>
</table>

| DSDN 142            | Two further courses from COMD 211, INDN 241, INDN 252, MDDN 251 | One course from INDN 321, INDN 332, IXXN 341 |
| DSDN 152*           | FADN 101^           |                     |

30 points, including any prerequisites for 200-level courses in a minor subject 60 points from elective courses or courses for a minor 40 points from elective courses or courses for a minor

* If you have 14 NCEA Level 3 credits in Art History, Classics, Economics, English, Geography or History, you may substitute the WRIT course with another 100-level course.

**Specialisations**

If you are completing a major in Industrial Design, you may obtain a specialisation within that major by completing the three courses in your chosen specialisation:

- **Design for Digital Making:** INDN 252, INDN 341, INDN 342
- **Design for Future Technologies:** INDN 252, INDN 332, CCDN 242 or CCDN 344
- **Tangible Interactions Design:** DSDN 251, INDN 312, INDN 321.

**Interaction Design**

<table>
<thead>
<tr>
<th>First year</th>
<th>Second year</th>
<th>Third year</th>
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</thead>
<tbody>
<tr>
<td>DSDN 101</td>
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<tr>
<td>DSDN 111</td>
<td>INDN 252</td>
<td>IXXN 321</td>
</tr>
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<td>DSDN 171</td>
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<tr>
<td>WRIT 101 or WRIT 151*</td>
<td>IXXN 221</td>
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</table>

| DSDN 104            | Two courses from CCDN 233, CCDN 251, MDDN 201, MDDN 243, MDDN 251 | Complete two further courses from INDN 321, IXXN 341, MDDN 343, MDDN 352 |
| DSDN 112            |                     |                     |
| DSDN 142            |                     |                     |

15 points from elective courses 20 points from elective courses 40 points from elective courses

* If you have 14 NCEA Level 3 credits in Art History, Classics, Economics, English, Geography or History, you may substitute the WRIT course with another 100-level course.

**Specialisations**

If you are completing a major in Interaction Design, you may obtain a specialisation within that major by completing the courses in your chosen specialisation:

- **Design for Healthcare:** INDN 252, IXXN 341, CCDN 233
- **Web Design:** IXXN 221, IXXN 321, MDDN 201.

**Media Design**

<table>
<thead>
<tr>
<th>First year</th>
<th>Second year</th>
<th>Third year</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>DSDN 111</td>
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<td>DSDN 171</td>
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<td></td>
</tr>
<tr>
<td>WRIT 101 or WRIT 151*</td>
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</tbody>
</table>

| DSDN 112            | Complete three courses from MDDN 200–299 (60 points) | Complete three courses from MDDN 300–399 (60 points) |
| DSDN 142            |                     |                     |

30 points, including any prerequisites for 200-level courses in a minor subject 40 points from elective courses or courses for a minor 40 points from elective courses or courses for a minor

* If you have 14 NCEA Level 3 credits in Art History, Classics, Economics, English, Geography or History, you may substitute the WRIT course with another 100-level course.

**Specialisations**

If you are completing a major in Media Design you may obtain a specialisation within that major by completing the courses in your chosen specialisation:

- **3D Design and Animation:** DSDN 132, MDDN 211, MDDN 241, MDDN 311
- **Creative Coding:** MDDN 242, MDDN 251, MDDN 342, CGRA 151
- **Game Design:** DSDN 132, MDDN 241, MDDN 243, MDDN 343
- **Interactive Design:** MDDN 251, either MDDN 201 or MDDN 242, either MDDN 351 or MDDN 352
- **Digital Video:** DSDN 132, DSDN 144, MDDN 211, MDDN 311, MDDN 314, CCDN 244.

* If you have 14 NCEA Level 3 credits in Art History, Classics, Economics, English, Geography or History, you may substitute the WRIT course with another 100-level course.
## DEGREE EXAMPLES

### BDI majoring in Design for Social Innovation

<table>
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<tr>
<th>Year</th>
<th>1/3</th>
<th>2/3</th>
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<td>DSDN 101</td>
<td>15 points</td>
<td>WRIT 101</td>
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<td>CCDN 200 level</td>
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<td>DSDN 171</td>
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<td>20 points</td>
<td>200-level minor</td>
<td>20 points</td>
<td>200-level minor</td>
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<tr>
<td>100-level minor</td>
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<td>65 points</td>
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120 points 120 points 120 points

Total points required: 360
Total points completed: 360

### BDI majoring in Industrial Design

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<th>1/3</th>
<th>2/3</th>
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<td>Elective</td>
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<td>200- or 300-level elective</td>
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125 points 120 points 120 points

Total points required: 360
Total points completed: 365

### BDI majoring in Media Design

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<td>WRIT 101</td>
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</table>

125 points 120 points 120 points

Total points required: 360
Total points completed: 365

### Key

- **Core**
- **Major**
- **Minor**
- **Elective**
CAROLINE SANTOS O’CONNELL

Student, Bachelor of Design Innovation in Design for Social Innovation

Why Wellington?
I wanted to study design and marketing at a university that was highly regarded in both fields. Victoria University has a good reputation across New Zealand and overseas, which was attractive to me as I wanted to graduate from a university with high standards. I also love Wellington’s culture and environment. There’s always something going on, like an event, festival or performance on Cuba Street.

Combining passions
I really like how the Design for Social Innovation programme allows you to take a minor, which was perfect for me, as I wanted to include a minor in Marketing in my degree. This allows me to use my skills across both fields and develop them into exciting projects. In the second and third years, you get more freedom and the lecturers help you develop a project that is truly yours. I love being able to use an interdisciplinary approach in my work and combine my passions together.

Collaborative environment
At the Te Aro campus, I love the open and collaborative environment of the Design studios. It’s a great way to engage with other students and get a second opinion on your work, and it also makes the work seem less arduous. If I’m heading to Pipitea campus for a Marketing class, I enjoy the walk down Lambton Quay, checking out the busy streets, shops and cafés along the way. On a nice day, it’s a good way to get out when I’ve been cooped up behind a computer and to freshen my mind before a class.

Favourite course
My favourite course so far has been CCDN 244 Expanded Photographics. I learnt a lot from this class and expanded my skill set not only as a designer but also as a creative. It’s a great hands-on course that teaches you how to get the best out of your work. The course gives you a lot of creative freedom, which allows you to explore and create whatever you want.

Finding a balance
My advice is to find a good balance between work and play, and make sure you find time to do things you are passionate about and make you happy. Try and integrate your passions with your university work—studying Design allows so many opportunities to do this. Finding a balance is always hard at first, but I’ve now learnt how to manage my university work and spare time efficiently. Balancing a part-time job, full-time study and a social life is completely achievable.
The programmes offered by the Faculty of Education give graduates the skills to take on this responsibility with confidence, and to enjoy the excitement, creativity and fun of working with young children.

The Bachelor of Education (Teaching) Early Childhood (BEd(Tchg)EC) is a three-year degree for wanting to gain a degree-level qualification in early childhood teaching. It is designed to prepare you for an exciting and stimulating career as an early childhood teacher and successful completion will enable you to be eligible for provisional teacher registration with the New Zealand Education Council.

This degree aims to develop professional teachers who are sensitive to human needs; flexible, adaptable and resourceful people who can become leaders, able to work not only with young children but also with a variety of adults in the community. It is divided into the following components:

- Curriculum Studies
- Cultural Studies
- Education Studies
- Professional Teaching Studies and Teaching Experience.

Having successfully completed the BEd(Tchg)EC you will:

- be responsible for managing and monitoring children’s learning and development
- know the curriculum you teach and how to develop skills and knowledge in this area
- think effectively about your practice and learn from experience
- have knowledge of the context of early childhood education in Aotearoa New Zealand
- have undergone preparation to work in the early childhood services, including education and care, home-based care, kindergarten and Pacific Island language nests.

POTENTIAL CAREERS

Graduates are eligible for registration with the Education Council and to teach in New Zealand early childhood education services including childcare, kindergarten and home-based language nests.

FIND OUT MORE ABOUT THIS DEGREE  www.victoria.ac.nz/early-childhood

FACULTY OF EDUCATION | Level 8, Murphy Building, Kelburn Parade, Wellington

04-463 9500 | education@vuw.ac.nz | www.victoria.ac.nz/education
POSTGRADUATE OPPORTUNITIES
Completion of an early childhood education undergraduate programme can lead to further study towards a Bachelor of Education with Honours (BEd(Hons)) or the Postgraduate Certificate in Education and the Postgraduate Diploma in Education (PGCertEd and PGDipEd). The Faculty also offers a Master of Education (MEd) by coursework, a Doctor of Education (EdD) and a Doctor of Philosophy in Education (PhD).

www.victoria.ac.nz/education/postgraduate

RECOMMENDED SCHOOL SUBJECTS
Recommended school subjects include a balance of sciences, mathematics and essay-based subjects such as English, Geography and History.

Creative subjects such as Design, Music Studies and Practical Arts are also useful.

As you are required to have a working knowledge of a range of early childhood education centres, you will undertake 21 weeks of teaching experience across the three years of the degree.

An alternative pathway is to complete an undergraduate degree first, or be a qualified primary school teacher, and then apply to enrol in the one-year Graduate Diploma of Teaching (ECE). See the Faculty of Education handbook or go to www.victoria.ac.nz/education for more information.

For entry into any teaching programme, you will need to be assessed and accepted by the Faculty of Education as being suitable for the teaching profession. This involves meeting set criteria, having supportive referees, having a satisfactory police check, making declarations about any health or disability issues and taking part successfully in a selection meeting that will include an interview and literacy and numeracy testing.

If English is not your first language, you must gain a band score of 7.0 or better in each component of the academic IELTS test before you begin the programme.

TeachNZ offers a range of scholarships for teachers in training.

Go to www.teachnz.govt.nz or phone 0800 165 225 for more information. If you are considering applying for a TeachNZ Scholarship, do so early, as there are limited numbers available.

DEGREE REQUIREMENTS
Three years of full-time study.
A total of 360 points is required:

- at least 255 points must be at 200 and 300 level
- complete 120 points at 100 level: EDUC 115, EDUC 116, TCHG 111–119
- complete courses worth 125 points at 200 level from EDUC 215, TCHG 211–219
- complete courses worth 100 points from TCHG 360–369
- complete at least one further elective course.

MAJOR

<table>
<thead>
<tr>
<th>Major</th>
<th>Code</th>
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<tbody>
<tr>
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BED(Tchg)EC qualification structure

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<th>Year 1</th>
<th>Trimester One</th>
<th>Trimester Two</th>
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<tbody>
<tr>
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<td>EDUC 215</td>
<td>15 points</td>
<td>TCHG 364</td>
</tr>
<tr>
<td>TCHG 361</td>
<td>15 points</td>
<td>TCHG 365*</td>
</tr>
<tr>
<td>TCHG 362</td>
<td>15 points</td>
<td>TCHG 368</td>
</tr>
<tr>
<td>TCHG 363</td>
<td>15 points</td>
<td></td>
</tr>
</tbody>
</table>

* Course contains teaching experience component.

Graduate Diploma of Teaching (Early Childhood Education)
The Graduate Diploma of Teaching (Early Childhood Education) is a one-year full-time graduate-level qualification for students who already have a university degree. Go to www.victoria.ac.nz/graduate-diploma-teaching-ece for more information.
Favourite course
The courses are so in depth and we learn such a range of skills and ideas, which really help me when I do my teaching placement. TCHG 112 Notions of Wellbeing and Belonging, which I took in my first year, has been my favourite course so far. We did heaps of creative stuff and I learnt how to engage with children through the use of the arts. The course really helped me to appreciate the arts more.

Practical experience
As part of my degree, I do teaching placements in early childhood centres. This gives me valuable work experience, which helps with getting part-time work relieving at early childhood centres around Wellington.

A typical day
This trimester, I’ve got classes only two days a week, so on those days I get to uni at 8am and go to my first class. I get a break at around 11am. During my break, I’ll catch up with friends and go to Louis’ Kiosk for a snack—they do the best pies on campus. In the afternoon, I’ll have more classes, and I’ll usually end the day around 3pm. When I don’t have classes, I spend my time studying and finishing off assignments so I can relax in the weekend.

Making friends
Don’t be afraid to talk to people who sit next to you in your classes. University is the best place to make new friends and find where you fit in. I’ve made some of my best friends just by saying a simple hello on the first day at university.

Great place to study
I grew up in Wellington, so the option of saving money by living at home was great. Wellington is just such a unique city to live in, and I love the people and the vibe of the city. Victoria University’s Bachelor of Education (Teaching) Early Childhood programme is also one of the most reputable in New Zealand, so it was an easy choice for me.
If so, our Engineering programme is for you—come to Victoria University and study with innovative people.

Our Bachelor of Engineering with Honours (BE(Hons)) focuses on the digital world so you can design and implement real-world systems. Right from the start, you will gain core skills and apply them to design and build exciting technology such as autonomous robots and computer games, or design and build secure computing systems.

You'll take courses that cover topics such as artificial intelligence, computer systems, cybersecurity, electronics, networking, renewable energy systems, robotics and software development. By taking courses that cover multiple topics you’ll gain both the in-depth knowledge to contribute to solving real-world problems and the breadth to understand how different strands of engineering connect together.

Engineers are some of the most sought-after people in the modern world. You’ll graduate as a skilled professional and be able to choose from many interesting and well-paid careers.

Victoria University was ranked first in the latest Performance-Based Research Fund Quality Evaluation and Computer Science also achieved a number one ranking. Our researchers have developed audio coders that form the basis for internet telephony, won technical Oscars for graphics, edited world-leading technical journals, created their own programming languages, developed clean energy systems and monitored the Antarctic ice sheets with magnetic resonance.

The BE(Hons) has been granted full accreditation with Engineering New Zealand (ENZ), and our BE(Hons) in Software Engineering is accredited by the ITP (IT Professionals New Zealand).

**FIND OUT MORE ABOUT THIS DEGREE [www.victoria.ac.nz/be](http://www.victoria.ac.nz/be)**

FACULTY OF ENGINEERING | Level 1, Cotton Building, Kelburn Parade, Wellington

📞 04-463 5101 | 📧 engineering@vuw.ac.nz | 🌐 www.victoria.ac.nz/engineering
POTENTIAL CAREERS
The BE(Hons) leads to careers in a range of exciting jobs, including advanced research, artificial intelligence, computer game design, computer graphics, cybersecurity, healthcare, mechatronics, mobile communications, multimedia programming, robotics, web innovation and a variety of software and hardware systems design roles.

www.victoria.ac.nz/careers

POSTGRADUATE OPPORTUNITIES
There is a range of Master's and PhD opportunities in diverse and interesting engineering fields, from robotic music to active vision, and artificial intelligence to internet security.

www.victoria.ac.nz/engineering/postgraduate

RECOMMENDED SCHOOL SUBJECTS
Recommended subjects to study at school include Digital Technologies, Maths, Science, Statistics and Technology. If you're planning to study Electronics and Computer Systems, we highly recommend studying Physics and Calculus.

ADMISSION TO THE DEGREE
In addition to the admission requirements on page 26, it is recommended that you have the NZQA requirements as below.

<table>
<thead>
<tr>
<th>BE major</th>
<th>NCEA requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cybersecurity Engineering*</td>
<td>16 credits in NCEA Level 3 Mathematics</td>
</tr>
<tr>
<td>Electronic and Computer Systems Engineering</td>
<td>16 credits in NCEA Level 3 Mathematics</td>
</tr>
<tr>
<td>Software Engineering</td>
<td>16 credits in NCEA Level 3 Mathematics</td>
</tr>
</tbody>
</table>

If you are applying with Cambridge International Examinations (CIE) or International Baccalaureate (IB), you should contact the School of Engineering and Computer Science for equivalents.

If you don't have the recommended level of achievement for entry to the BE(Hons) major of your choice, you may be encouraged to apply instead for the Bachelor of Science (BSc) degree, majoring in Computer Graphics, Computer Science, Cybersecurity*, Electronic and Computer Systems or Renewable Energy Systems*. You will still need to meet any entry requirements for the individual courses, such as Mathematics and Physics (see the subjects and courses pages, from page 117). You may consider transferring into the BE(Hons) at a later stage, depending on your academic progress.

* Subject to regulatory approval.

DEGREE REQUIREMENTS
Four years of full-time study.

A total of 480 points is required:
- at least 120 points must be at 400 level and above, and from courses listed for the BE(Hons)
- the requirements for at least one major subject (see page 86) must be completed
- 300- and 400-level courses may be counted towards only one major.

You must also complete at least 800 hours of employment or work experience in an approved engineering environment.

Other important information
Honours will be awarded to students with good academic achievement in their third and fourth years of study.

First-year students need to take the 100-level core courses, plus any additional 100-level courses required for their chosen major. To find out details of what a particular course is about, when it is taught and entry requirements, look in the subjects and courses pages (from page 117).

The BE(Hons) degree is made up of two parts that you’ll need to complete.

Part 1 consists of seven or eight 100-level courses that provide the necessary foundations for the BE(Hons). Make sure you take the right courses for your chosen major (see the tables on the following pages). Although many courses are shared with other majors, some are different, so check carefully.

<table>
<thead>
<tr>
<th>Major</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cybersecurity Engineering*</td>
<td>CYBR</td>
</tr>
<tr>
<td>Electronic and Computer Systems Engineering</td>
<td>ECEN</td>
</tr>
<tr>
<td>Software Engineering</td>
<td>SWEN</td>
</tr>
</tbody>
</table>
If you’re unsure about which major you like, speak to staff in the School of Engineering and Computer Science about selecting courses that keep your options open.

To successfully complete Part 1 of the BE(Hons), you’ll need to pass all required Part 1 courses with at least a B average. If you have a lower average, you’ll be able to transfer your courses to a Bachelor of Science (BSc).

**Part 2** is the core component of the BE(Hons) and is made up of various 200-, 300- and 400-level courses. Some courses are common to all majors, such as the professional practice and work experience, but most are specific to the major you wish to study. Professional practice contains a set of courses (ENGR 301, 302, 401 and 489) required for all majors, and which develop a professional approach to engineering.

- Work experience is required for all majors and consists of three courses (ENGR 291, 391 and 491) and 800 hours of approved work experience in an engineering environment. The courses will help you prepare to apply for, and work in, appropriate employment. The work experience normally occurs in the summers following your second and third years of study.
- Major courses are required (those not included within Part 1). Some of these courses are mandatory, and others may be selected from a set range of courses.

Additional courses are required in order to bring the total number of points to 480. These may be selected from any courses offered by Victoria University.

### MAJOR REQUIREMENTS

#### Cybersecurity Engineering*

<table>
<thead>
<tr>
<th>Level</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 level</td>
<td>COMP 102 or COMP 112, COMP 103, ENGR 101, ENGR 110, CYBR 171, ENGR 121, ENGR 123</td>
</tr>
<tr>
<td></td>
<td>One of ENGR 141, ENGR 142, CGRA 151 or PHYS 100–199</td>
</tr>
<tr>
<td>200 level</td>
<td>ENGR 201, ENGR 291, COMP 261, CYBR 271, NWEN 241, NWEN 243, SWEN 221, SWEN 225 or one of MATH 200–299</td>
</tr>
<tr>
<td>300 level</td>
<td>CYBR 371, CYBR 372, CYBR 373, ENGR 301, ENGR 302, ENGR 391</td>
</tr>
<tr>
<td></td>
<td>One of MATH 324, NWEN 301–342, SWEN 324, SWEN 326</td>
</tr>
<tr>
<td>400 level</td>
<td>CYBR 471, CYBR 472, CYBR 473</td>
</tr>
<tr>
<td></td>
<td>ENGR 401, ENGR 489, ENGR 491</td>
</tr>
</tbody>
</table>

* Subject to regulatory approval.

#### Electronic and Computer Systems Engineering

<table>
<thead>
<tr>
<th>Level</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 level</td>
<td>COMP 102 or COMP 112, COMP 103, ENGR 101, ENGR 110, ENGR 121, ENGR 123, CYBR 171</td>
</tr>
<tr>
<td></td>
<td>One of CGRA 151, ENGR 142, or PHYS 100–199</td>
</tr>
<tr>
<td>200 level</td>
<td>ENGR 201, ENGR 291</td>
</tr>
<tr>
<td></td>
<td>COMP 261, CYBR 271, NWEN 241, NWEN 243, SWEN 221, SWEN 225</td>
</tr>
<tr>
<td>300 level</td>
<td>ENGR 301, ENGR 302, ENGR 391, SWEN 301; SWEN 303 or SWEN 325</td>
</tr>
<tr>
<td></td>
<td>SWEN 324 or SWEN 326</td>
</tr>
<tr>
<td></td>
<td>At least one course from (COMP 301–399, CGRA 350, ECEN 301–399, NWEN 202, SWEN 301–399)</td>
</tr>
<tr>
<td>400 level</td>
<td>ENGR 401, ENGR 489, ENGR 491</td>
</tr>
<tr>
<td></td>
<td>At least three courses from SWEN 401–439; ENGR 440</td>
</tr>
<tr>
<td></td>
<td>At least one further course from COMP 401–425, NWEN 401–440, SWEN 421–439, ENGR 440, ENGR 441</td>
</tr>
</tbody>
</table>

#### Software Engineering

<table>
<thead>
<tr>
<th>Level</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 level</td>
<td>COMP 102 or COMP 112, COMP 103, ENGR 101, ENGR 110, ENGR 121, ENGR 123, CYBR 171</td>
</tr>
<tr>
<td></td>
<td>One of CGRA 151, ENGR 142, or PHYS 100–199</td>
</tr>
<tr>
<td>200 level</td>
<td>ENGR 201, ENGR 291</td>
</tr>
<tr>
<td></td>
<td>COMP 261, CYBR 271, NWEN 241, NWEN 243, SWEN 221, SWEN 225</td>
</tr>
<tr>
<td>300 level</td>
<td>ENGR 301, ENGR 302, ENGR 391, SWEN 301; SWEN 303 or SWEN 325</td>
</tr>
<tr>
<td></td>
<td>SWEN 324 or SWEN 326</td>
</tr>
<tr>
<td></td>
<td>At least one course from (COMP 301–399, CGRA 350, ECEN 301–399, NWEN 202, SWEN 301–399)</td>
</tr>
<tr>
<td>400 level</td>
<td>ENGR 401, ENGR 489, ENGR 491</td>
</tr>
<tr>
<td></td>
<td>At least three courses from SWEN 401–439; ENGR 440</td>
</tr>
<tr>
<td></td>
<td>At least one further course from COMP 401–425, NWEN 401–440, SWEN 421–439, ENGR 440, ENGR 441</td>
</tr>
</tbody>
</table>
### DEGREE EXAMPLES

#### BE(Hons) majoring in Cybersecurity Engineering*

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/3</td>
<td>2/3</td>
<td>1/3</td>
<td>2/3</td>
</tr>
<tr>
<td>COMP 102 or COMP 112 15 points</td>
<td>COMP 103 15 points</td>
<td>COMP 261 15 points</td>
<td>NWEN 243 15 points</td>
</tr>
<tr>
<td>ENGR 101 15 points</td>
<td>ENGR 110 15 points</td>
<td>NWEN 241 15 points</td>
<td>SWEN 225 15 points</td>
</tr>
<tr>
<td>ENGR 121 15 points</td>
<td>ENGR 123 15 points</td>
<td>SWEN 221 15 points</td>
<td>ENGR 201 15 points</td>
</tr>
<tr>
<td>CYBR 171 15 points</td>
<td>Elective 15 points</td>
<td>CYBR 271 15 points</td>
<td>Elective 15 points</td>
</tr>
<tr>
<td>ENGR 121 15 points</td>
<td>Elective 15 points</td>
<td>ENGR 291 0 points</td>
<td>ENGR 391 0 points</td>
</tr>
<tr>
<td>60 points</td>
<td>60 points</td>
<td>60 points</td>
<td>60 points</td>
</tr>
<tr>
<td>120 points</td>
<td>120 points</td>
<td>120 points</td>
<td>120 points</td>
</tr>
</tbody>
</table>

Total points required: 480  
Total points completed: 480

* Subject to regulatory approval.

#### BE(Hons) majoring in Electronic and Computer Systems Engineering

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/3</td>
<td>2/3</td>
<td>1/3</td>
<td>2/3</td>
</tr>
<tr>
<td>COMP 102 or COMP 112 15 points</td>
<td>ENGR 111 15 points</td>
<td>MATH 244 15 points</td>
<td>ECEN 202 15 points</td>
</tr>
<tr>
<td>ENGR 101 15 points</td>
<td>ENGR 110 15 points</td>
<td>ECEN 203 15 points</td>
<td>ECEN 220 15 points</td>
</tr>
<tr>
<td>ENGR 121 15 points</td>
<td>ENGR 122 15 points</td>
<td>ECEN 204 15 points</td>
<td>ENGR 201 15 points</td>
</tr>
<tr>
<td>ENGR 141 15 points</td>
<td>ENGR 142 15 points</td>
<td>Elective 15 points</td>
<td>COMP 103 15 points</td>
</tr>
<tr>
<td>ENGR 121 15 points</td>
<td>Elective 15 points</td>
<td>ENGR 291 0 points</td>
<td>ENGR 391 0 points</td>
</tr>
<tr>
<td>60 points</td>
<td>60 points</td>
<td>60 points</td>
<td>60 points</td>
</tr>
<tr>
<td>120 points</td>
<td>120 points</td>
<td>120 points</td>
<td>120 points</td>
</tr>
</tbody>
</table>

Total points required: 480  
Total points completed: 480

---

**Key**

- **Core**
  - Part 2: Major
  - Elective
  - Part 2: Professional practice
  - Part 2: Work experience

Guide to Undergraduate Study 2019
### BE(Hons) majoring in Software Engineering

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/3</td>
<td>2/3</td>
<td>1/3</td>
<td>2/3</td>
</tr>
<tr>
<td>COMP 102 or 112</td>
<td>COMP 103</td>
<td>NWEN 241</td>
<td>SWEN 222</td>
</tr>
<tr>
<td>15 points</td>
<td>15 points</td>
<td>15 points</td>
<td>15 points</td>
</tr>
<tr>
<td>ENGR 101</td>
<td>ENGR 110</td>
<td>SWEN 221</td>
<td>SWEN 224</td>
</tr>
<tr>
<td>15 points</td>
<td>15 points</td>
<td>15 points</td>
<td>15 points</td>
</tr>
<tr>
<td>ENGR 121</td>
<td>ENGR 123</td>
<td>SWEN 223</td>
<td>COMP 261 or NWEN 242</td>
</tr>
<tr>
<td>15 points</td>
<td>15 points</td>
<td>15 points</td>
<td>15 points</td>
</tr>
<tr>
<td>CYBR 171</td>
<td>CGRA 151*</td>
<td>Elective</td>
<td>ENGR 201</td>
</tr>
<tr>
<td>15 points</td>
<td>15 points</td>
<td>15 points</td>
<td>15 points</td>
</tr>
</tbody>
</table>

* Students may choose from CGRA 151, ENGR 141, ENGR 142 or PHYS 100–199.

**Total points required: 480**
**Total points completed: 480**

---

**Key**

- **Core**
- **Part 2: Major**
- **Part 2: Professional practice**
- **Part 3: Work experience**
- **Elective**
CHARLENE LEONG
Student, Bachelor of Engineering with Honours in Electronics and Computer Systems Engineering

Feeling supported
There is so much support for Engineering students, especially in the first year. The first-year tutors run study sessions and provide pizza twice a week, and lecturers run helpdesks to support students. The small class sizes mean we get to know our lecturers on a personal level. The teaching staff are passionate about seeing students succeed, and they’re always more than happy to help with our questions. I would not have been able to get through first year and develop such a love for physics, maths and technology without them.

Chasing creativity
I wanted to study something that would stimulate me creatively, so I chose the Bachelor of Engineering with Honours, due to my love for tech and how it is disrupting industries today. For me, Engineering seemed a logical choice to balance practicality and creativity.

Get involved
Taking part in the Victoria Plus Programme and VILP was really insightful and interesting. It was a great opportunity to develop my critical thinking in a multidisciplinary setting. Being a Campus Coach was also a great way to meet new students in the years below me, and learn more about their motivation and passion for pursuing technology. I was also lucky enough to be a Google Ambassador, which involved promoting the vision and culture of Google on campus through organising events and marketing.

Hands-on learning
The close connections that Victoria University has with the buzzing technology industry in Wellington really contributes to the atmosphere of Engineering at the University. There is an embedded practicality in the material that you learn, and there is an abundance of workshops, meetups, extracurricular activities and communities you can get involved in to reinforce what you’ve learnt in class.

Advice
Ask for help if you need it. The teaching staff and student support services are always willing to help you as much as possible. Remember to have fun—a great motto to live by is ‘work hard, play hard, rest hard’. Having a healthy balance with your work, study and social commitments is crucial to your wellbeing. University goes by in a flash, so make the most of it.
BACHELOR OF HEALTH

What do health and wellbeing mean to you?
The World Health Organization defines health as a state of “physical, mental and social well-being and not merely the absence of disease or infirmity”. Wellbeing is about how we are doing as individuals, communities and as a nation, and about how sustainable this is for the future.

The health sector in New Zealand currently needs more people who are passionate about improving health and wellbeing in our communities, and through health study at Victoria University of Wellington, exciting health sector opportunities are possible. With Wellington at the heart of New Zealand and the seat of government, the University is a great place to study health and wellbeing so you can make a real difference to health in New Zealand and internationally.

The Bachelor of Health (BHlth) gives students a foundational understanding of health services, health policy and strategy, the social aspects of health and how health issues affect populations in New Zealand and beyond. This degree will help you to develop skills in critical and creative thinking in health subjects, and enable you to communicate complex ideas effectively in a range of health-related areas. There are five majors to choose from in the BHlth, and you can shape your personal interests by also taking courses such as Education, Psychology or Public Policy that are offered by other faculties. Over the term of your degree, you will learn about ethical practice and working collaboratively with other health sector professionals while developing the core knowledge and skills necessary to make improvements to the health and wellbeing of individuals, communities and populations.

At the end of your three years’ study, there are many exciting opportunities to apply your newfound health skills and knowledge to, such as designing new health promotion initiatives, developing new health software apps to improve the effectiveness of patient treatment or managing health information.

SCHOLARSHIPS
The Faculty of Health is offering Bachelor of Health Inaugural Scholarships that will be awarded at a value of up to $2,000. Applications for these scholarships close on 15 September 2018 and will be awarded on the basis of academic merit and other criteria. Applicants will be notified of the outcome of their application after this date.

www.victoria.ac.nz/scholarships
help patients to monitor their own health effectively. Access information more easily, or perhaps your design will solve problems and meet needs within the health system. Your design ideas could help clinicians working in hospitals to consider the application of software development to computer science and software engineering courses, enabling health and wellbeing core courses, you'll take a number of health software development:

**In this major, alongside the education.**

Into employment areas such as health promotion and health and wellbeing knowledge, and will prepare you to go on to postgraduate study in psychology or health and wellbeing. Graduates will be ready to make an important contribution to health agencies in roles such as health educators, health policy advisers and health researchers.

**Postgraduate opportunities**

The School of Health is developing new postgraduate health qualifications available from 2019*, so you can become an expert in your field. In addition, there will be options to study postgraduate programmes from other faculties relating to your area of expertise, such as the Bachelor of Commerce with Honours in information systems or the Master of Public Policy. Subject to regulatory approval.

**Recommended school subjects**

Recommended subjects to study at school are statistics and biology or science. Other useful subjects include English, health education, physical education, physics and social studies. If you’re interested in health software development, then calculus and digital technologies are also useful.

**Majors**

**Health informatics:** Learn about the combination of technology and information systems and explore how and when data is stored and kept confidential, how it is read and translated, and what to do with the information contained in the data. Health informatics can be applied to many areas, including electronic health records, telemedicine, healthcare standards and health ethics. All of these lead to a more affordable, flexible health system and better health outcomes for people.

**Health promotion:** This major will introduce you to the factors that influence the health of people, and you’ll develop skills in health communication and programme design. Health promotion plays an essential role in society, assisting with the delivery of information about health and health-related topics, with the ultimate goal of improving the health of individuals and populations.

**Health psychology:** Health psychologists examine how people deal with illness and stress by looking at life factors and behavioural patterns. This major will give you a grounding in psychology and health and wellbeing knowledge, and will prepare you to go on to postgraduate study in psychology or into employment areas such as health promotion and health education.

**Health software development:** In this major, alongside the health and wellbeing core courses, you’ll take a number of computer science and software engineering courses, enabling you to consider the application of software development to solve problems and meet needs within the health system. Your design ideas could help clinicians working in hospitals to access information more easily, or perhaps your design will help patients to monitor their own health effectively.

**Population health, policy and service delivery:** This major will introduce you to the health system and services in New Zealand, including health and public policy and health management, and will teach you how to evaluate the determinants of health in different people. Graduates will be ready to make an important contribution to health agencies in roles such as health educators, health policy advisers and health researchers.

<table>
<thead>
<tr>
<th>Major</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Informatics</td>
<td>HINF</td>
</tr>
<tr>
<td>Health Promotion</td>
<td>HPRO</td>
</tr>
<tr>
<td>Health Psychology</td>
<td>HPSY</td>
</tr>
<tr>
<td>Health Software Development</td>
<td>HSWD</td>
</tr>
<tr>
<td>Population Health, Policy and Service Delivery</td>
<td>PHSD</td>
</tr>
</tbody>
</table>

**Degree requirements**

Three years of full-time study or equivalent in part-time study.

A total of 360 points is required:

- at least 180 points must be for courses above 100 level
- at least 240 points from the BHlth schedule
- at least 75 points from 300-level courses, with at least 60 of those selected from the BHlth Schedule
- the BHlth must include HLWB 101, HLWB 102, HLWB 103, HLWB 104, HLWB 201, HLWB 202, HLWB 203^, HLWB 301 or HLWB 302, STAT 193 (or QUAN 102).

The requirements for at least one major must be satisfied. Courses at 300 level may be counted towards only one major.

^ Students taking the Health Psychology major are not required to take HLWB 203.

**Other important information**

You may include a second major from within the BHlth programme or another undergraduate degree.

Many courses have specific prerequisites, so you will normally need to start studying subjects you wish to major or minor in during your first year.

You should also consider using elective slots in your first year for an alternative major’s prerequisites if you are undecided about your major.

The conjoint programme makes it possible to combine a BHlth with another degree in a minimum of four years.

You may also include a minor subject in an undergraduate study area for the Bachelor of Arts, Bachelor of Architectural Studies, Bachelor of Commerce, Bachelor of Design Innovation or Bachelor of Science.

A minor comprises at least 60 points from the relevant subject area at 200 level or above, of which at least 15 points must be at 300 level and not counted towards a major or another minor.

Certain minors have specific course requirements. See a faculty adviser for more information.

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## The BHlth core

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLWB 101</td>
<td>Introduction to Health and Wellbeing 1</td>
</tr>
<tr>
<td>HLWB 102</td>
<td>Introduction to Health and Wellbeing 2</td>
</tr>
<tr>
<td>HLWB 103</td>
<td>Introduction to Human Biology</td>
</tr>
<tr>
<td>HLWB 104</td>
<td>Introduction to Health Policy and Services</td>
</tr>
<tr>
<td>STAT 193 or</td>
<td>Statistics in Practice or Statistics for</td>
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<tr>
<td>QUAN 102</td>
<td>Business</td>
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<tr>
<td>HLWB 201</td>
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</tr>
<tr>
<td>HLWB 202</td>
<td>Advanced Health and Wellbeing 2</td>
</tr>
<tr>
<td>HLWB 203*</td>
<td>Health Evaluation and Epidemiology</td>
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<tr>
<td>HLWB 301 or</td>
<td>Research and Enquiry in Health or Health</td>
</tr>
<tr>
<td>HLWB 302</td>
<td>Internship</td>
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</tbody>
</table>

* Students taking the Health Psychology major are not required to include HLWB 203.

## MAJOR REQUIREMENTS

### Health Informatics

<table>
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<tr>
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<tbody>
<tr>
<td>HLWB 101</td>
<td>HLWB 201</td>
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<td>HLWB 202</td>
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<td>HLWB 203</td>
<td>INFO 360</td>
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<tr>
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<td>INFO 264</td>
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</tr>
<tr>
<td>INFO 101</td>
<td>One further course from 200-level INFO or other approved courses</td>
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</tr>
<tr>
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### Health Promotion

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<td>HLWB 306</td>
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<td>HLWB 104</td>
<td>HLWB 206</td>
<td>HLWB 310</td>
</tr>
<tr>
<td>HLWB 105</td>
<td>SOSC 220</td>
<td>HLWB 311</td>
</tr>
<tr>
<td>STAT 193 or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>QUAN 102</td>
<td>EDUC 141</td>
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### Health Psychology

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<td>HLWB 305</td>
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<td>HLWB 103</td>
<td>HLWB 205</td>
<td>PSYC 325</td>
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<td>HLWB 104</td>
<td>PSYC 221</td>
<td>PSYC 332</td>
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<td>HLWB 105</td>
<td>PSYC 232</td>
<td>PSYC 333</td>
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<tr>
<td>STAT 193 or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>QUAN 102</td>
<td>PSYC 233</td>
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</tr>
<tr>
<td>PSYC 121</td>
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<td></td>
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<tr>
<td>PSYC 122</td>
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### Health Software Development

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<td>HLWB 202</td>
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<td>SWEN 303 or 304</td>
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<td>NWEN 243</td>
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<td>COMP 102 or 112</td>
<td>SWEN 221</td>
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<td>COMP 103</td>
<td>SWEN 222</td>
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### Population Health, Policy and Service Delivery

<table>
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<td>HLWB 309</td>
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<tr>
<td>STAT 193 or</td>
<td>PUBL 201</td>
<td>HLWB 312</td>
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<tr>
<td>FCOM 111</td>
<td>PUBL 113</td>
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## FIND OUT MORE ABOUT THIS DEGREE

[www.victoria.ac.nz/bhlth](http://www.victoria.ac.nz/bhlth)

FACULTY OF HEALTH | Level 1, Easterfield Building, Kelburn Parade, Wellington

📞 04-463 4750 | ✉️ health@vuw.ac.nz | [www.victoria.ac.nz/health](http://www.victoria.ac.nz/health)
### DEGREE EXAMPLES

#### BHlth majoring in Health Informatics

<table>
<thead>
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<td>HLWB 203 15 points</td>
</tr>
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<td>INFO 151 15 points</td>
<td>200-level INFO 15 points</td>
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<tr>
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Total points required: 360  
Total points completed: 360

#### BHlth majoring in Health Promotion

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</tr>
<tr>
<td>STAT 193 15 points</td>
<td>HLWB 105 15 points</td>
<td>SOSC 220 20 points</td>
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<td>Elective 15 points</td>
<td>200-level elective 15 points</td>
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Total points required: 360  
Total points completed: 360

#### BHlth majoring in Health Psychology

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</tr>
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<td>STAT 193 15 points</td>
<td>HLWB 105 15 points</td>
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</tr>
<tr>
<td>PSYC 121 15 points</td>
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<td>200-level elective 15 points</td>
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<tr>
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<td>60 points</td>
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Total points required: 360  
Total points completed: 360

**Key**

- **Core**
- **Major**
- **Elective**
## DEGREE EXAMPLES

### BHlth majoring in Health Software Development

<table>
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<th>Year 3</th>
</tr>
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<tbody>
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</table>

60 points 60 points 60 points 60 points 60 points 60 points

120 points 120 points 120 points

Total points required: 360
Total points completed: 360

### BHlth majoring in Population Health, Policy and Service Delivery

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/3</td>
<td>2/3</td>
<td>1/3</td>
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<tr>
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<td>15 points</td>
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<tr>
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<td>FCOM 111</td>
<td>PUBL 201</td>
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<tr>
<td>15 points</td>
<td>15 points</td>
<td>15 points</td>
</tr>
<tr>
<td>PUBL 113</td>
<td>Elective</td>
<td>200-level elective</td>
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<td>20 points</td>
<td>15 points</td>
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65 points 65 points 65 points 65 points 65 points 65 points

125 points 125 points 125 points

Total points required: 360
Total points completed: 370

**Key**

- **Core**
- **Major**
- **Elective**
ALI LEOTA

Student, Bachelor of Health in Population Health, Policy and Service Delivery

Giving back
New Zealand is in need of more Māori and Pasifika health professionals, and the Bachelor of Health really explores Māori and Pasifika views of health in depth. This is my favourite part of the degree because it enables me to explore and learn more about my Pasifika culture, making my journey through the programme more personal and equipping me with knowledge that I can give back to my community.

Making a difference
I was involved in the student-led Fairer Fares campaign that urged the Greater Wellington Regional Council to introduce a tertiary-student discount on the Wellington public transport network. After relentless campaigning, the Council voted to introduce a 25 percent discount for full-time tertiary students on bus and train fares. This was a big step towards eliminating barriers to education, and making tertiary study more accessible to our communities.

Support and inspiration
I am a tuakāna for Te Rōpū Āwhina, an on-campus whānau for Māori and Pasifika students who are studying Science, Engineering, Architecture and Design. University can be very intimidating; however, Te Rōpū Āwhina supports students on their academic journey at university by providing peer mentoring, workshops, whānau rooms and leadership opportunities. I was fortunate to have the opportunity to take part in the Tuhono i te Ao / Outreach programme, where we ran science expos in Māori and Pasifika communities to inspire more of our people to pursue study and careers in science.

Advice
Make the most of all the support services at Victoria University. They are all there to help you succeed. Throughout my studies, I have been lucky to have people who are changing the world as my teachers and great support services such as Te Rōpū Āwhina to help make my academic journey at Victoria University a success.

Passionate about health
My family has worked in the healthcare sector for many years, improving the health outcomes of Pasifika people. Studying the Bachelor of Health opened up an opportunity for me to do the same. I chose to major in Population Health, Health Policy and Service Delivery as it enables me to focus on policy that I can make an impact on. As a Bachelor of Health student in Wellington, I have great access to key health policy-makers, the Ministry of Health, the Wellington regional hospital and the University’s world-class health service research centres.
The Bachelor of Laws (LLB) is a four-year undergraduate degree. Most students combine the LLB with another degree, and this will take a minimum of five years’ study. As a graduate, you will contribute to every aspect of life in New Zealand, whether practising as a lawyer or working in business, the community or government. You will be equipped to both uphold and challenge the principles that govern our daily lives.

The University’s Faculty of Law is housed in the historic Government Buildings. Its downtown location is in the hub of New Zealand lawmaking, opposite Parliament and close to the courts, research libraries and the central business district. This unique environment attracts top academics and students from around the world.

Our Law students are active debaters and do well in international mooting and debating competitions. We teach Law by the Socratic method, in which you will be questioned on your set readings during lectures. This is ideal preparation for a career in law. Ranked first in New Zealand for the quality of our research, and in the world’s top 40 universities for law (QS World University Rankings by subject, 2018), the University’s Law School offers an education that will secure your future.

POTENTIAL CAREERS
A Law degree can lead to a range of careers. As a graduate, you’ll be able to work in legal practice (in New Zealand and around the world), specialising in many areas, including commercial law, criminal law, family law, international law, litigation and mediation.

There are opportunities in business, the community, the creative arts, government (including the Ministry of Foreign Affairs and Trade, the Crown Law Office, the Department of Conservation and the Defence Force) and in universities as lecturers.

To be eligible for admission to the legal profession in New Zealand (to practise law), Law graduates must complete a practical professional legal studies course, often called ‘profs’. Two organisations offer this training in New Zealand. The Faculty of Law can advise you about this requirement.

www.victoria.ac.nz/careers

FIND OUT MORE ABOUT THIS DEGREE  www.victoria.ac.nz/llb
FACULTY OF LAW | Te Kauhanganui Tātai Ture | Government Buildings, 55 Lambton Quay, Wellington
04-463 6433 | law-enquiries@vuw.ac.nz | www.victoria.ac.nz/law
RECOMMENDED SCHOOL SUBJECTS
You should study subjects that you enjoy. These may be essay based or subjects that encourage analytical thinking such as languages, Art History, Classics, Economics, English, Geography, History, Mathematics, Music and Physics.

POSTGRADUATE OPPORTUNITIES
Graduates with an LLB often combine work with part-time study in a Master of Laws to specialise in a subject area of law. Also offered is a Graduate Certificate in Law, a flexible programme that can be undertaken for professional development purposes.

www.victoria.ac.nz/law/postgraduate

DEGREE REQUIREMENTS
Four years of full-time study (although commonly studied over five or more years alongside another degree).

A total of 480 points is required:
- at least 90 points must be from non-Law courses chosen from any other first degree at the University
- three core courses at 100 level (usually in the first year): LAWS 121, LAWS 122, LAWS 123
- five core courses at 200 level: LAWS 211, LAWS 212, LAWS 213, LAWS 214, LAWS 297
- two core courses at 300 level: LAWS 301, LAWS 312
- 11 further LAWS courses at 300 level, including LAWS 334 Legal Ethics if you wish to apply for admission to the Bar.

DEGREE EXAMPLES
Conjoint LLB/BA, with a major in English Literature and a minor in International Relations

<table>
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<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
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<td>ENGL 100 20 points</td>
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<td>ENGL 297 10 points</td>
<td>ENGL 200 level 20 points</td>
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<td>INTP 113 20 points</td>
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<td>INTP 200 level 10 points</td>
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<td>INTP 300 level 10 points</td>
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<td>55 points</td>
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Total points required: 660
Total points completed: 670

Key
- Core
- Major
- Minor
- Elective

Selection into second year
Selection into second-year Law is based on academic performance in the three 100-level LAWS courses. A B average over the three first-year LAWS courses is generally required.

Check the website for detailed selection criteria into second-year Law for first-year students, transferring students or graduates, or if you require details on the Māori admissions process.

www.victoria.ac.nz/law-selection-criteria

Selection into Honours
Each year, the top students who have completed at least four of the five 200-level courses may be invited to join the Honours programme. Although it shares many components with the LLB, the Bachelor of Laws with Honours (LLB(Hons)) is a separate undergraduate degree that will extend your research, writing and analytical skills in a range of specialist areas.

You should read the current Undergraduate Law Prospectus for further advice on how to plan your degree. Obtain a copy from the Law School Office, Room G31, Government Buildings, or view it at www.victoria.ac.nz/law-prospectus

First year
The first year consists of three LAWS courses, together with non-Law courses of your choice. Offered in the first trimester, LAWS 121 is open entry, subject to university admission criteria. A pass in LAWS 121 is a prerequisite for both LAWS 122 and 123.

Most first-year Law students begin another degree in their first year alongside their LLB. This means their non-Law points (see below and the next page) should be made up of courses required for the other degree. Use the relevant degree pages in this guide to find out what you need to include in your first-year programme. Details of particular courses and when they are taught are on the subjects and courses pages (from page 117).
## LLB only

Minimum points required: 480, of which 390 must be LAWS courses

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<th>Year 5</th>
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<td>LAWS 212</td>
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<td>30 points</td>
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<td>LAWS 214</td>
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Elective courses can be any subject. Students must complete 90 points of electives (five or six electives to make 90 points).

**Key**

- **Law course**
- **Elective**

## Conjoint LLB/BCom, with a major in Economics and a minor in Finance

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| 125 points | 130 points | 135 points | 150 points | 120 points |

Total points required: 660
Total points completed: 660

**Key**

- **Law course**
- **Major**
- **Minor**
- **Commerce core**
Favourite course
My favourite course so far has been LAWS 212 The Law of Torts. This course explored many different topics, such as civil liability, defamation, privacy, accident compensation and negligence, which are taught by different lecturers. This gave flavour and excitement to the course as we had the opportunity to delve into a range of perspectives on the law of torts.

Getting involved
During my time at Victoria University, I’ve taken part in a range of extracurricular activities, including being a member of the Wellington Community Justice Project Executive Team, mentoring second-year students as part of the Kensington Swan mentoring programme, tutoring, playing social netball and being a campus coach and a student representative. Through these extracurricular activities, I have developed positive relationships with a range of people at the University, giving me a sense of connection outside my studies. Getting involved has helped me to have an amazing university experience so far.

Take every opportunity
University is all about figuring out what is right for you, and you might encounter some curveballs along the way. Try to remain open minded and adaptable. Remember that you are in control of your education and you can make changes if something isn’t working. Take every opportunity to immerse yourself in the student life and culture here at the University. There are so many opportunities available to new students, and I encourage you to get involved as much as possible—this will help you build new friendships and have a smooth transition to university life.
Whether you want to perform, compose, produce, teach, become a music therapist or technologist, or just study music for the love of it, your talent will be nurtured in a creative and collaborative environment at Victoria University of Wellington.

We offer musical opportunities unparalleled in our country. Staff and artist teachers are internationally recognised performers, composers and researchers, and include members of the New Zealand Symphony Orchestra, New Zealand String Quartet and the Rodger Fox Big Band.

At the NZSM, you’ll attend masterclasses and workshops given by leading international artists. You’ll learn from visiting composers featured at weekly composer workshops and you’ll connect with leaders in a variety of fields of musical research at our music forum presentations.

Our facilities include outstanding Steinway pianos, a fine collection of historical instruments, several world-class concert rooms, Balinese and Javanese gamelan instruments, a Chinese instruments collection and our well-equipped electronic and recording studios. Students choose to study at the NZSM because of the quality of its teaching and the quality of the experience. There are opportunities to create, discover and experience music of all kinds.

FIND OUT MORE ABOUT THIS DEGREE  www.victoria.ac.nz/bmus

NEW ZEALAND SCHOOL OF MUSIC | Gate 7, Kelburn Parade, Wellington
📞 04-463 5369 | 📧 music@vuw.ac.nz | 🌐 www.victoria.ac.nz/nzsm
Jazz Performance: You can receive instruction in all standard jazz instruments or in voice.

Music Studies (Ethnomusicology, Musicology, Jazz Studies or without specialisation): You will receive broadly based music training, including creative, critical, cultural, historical and performance courses in a range of musical styles and genres.

Sonic Arts and Music Technology: You will explore sound and music through music technology. Courses in jazz composition are also offered.

<table>
<thead>
<tr>
<th>Major*</th>
<th>Code*</th>
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</thead>
<tbody>
<tr>
<td>Classical Performance</td>
<td>PERF</td>
</tr>
<tr>
<td>Instrumental/Vocal Composition</td>
<td>INVC</td>
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<tr>
<td>Jazz Performance</td>
<td>JAZZ</td>
</tr>
<tr>
<td>Music Studies (Ethnomusicology)</td>
<td>MUST (ETHM)</td>
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<tr>
<td>Music Studies (Jazz Studies)</td>
<td>MUST (JZST)</td>
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<tr>
<td>Music Studies (Musicology)</td>
<td>MUST (MUMU)</td>
</tr>
<tr>
<td>Music Studies (without specialisation)</td>
<td>MUST</td>
</tr>
<tr>
<td>Sonic Arts and Music Technology</td>
<td>SAMT</td>
</tr>
</tbody>
</table>

* When you enrol, you will need to add the code shown in brackets to indicate which specialisation you are choosing within the major.

DEGREE REQUIREMENTS

Three years of full-time study.

A total of 360 points is required:

- a maximum of 180 points can be from 100-level courses
- at least 180 points from 200- and 300-level courses
- at least 75 points must be from courses at 300 level in CMPO, MUSC or PERF
- the requirements for at least one major (from the list above) must be satisfied (courses at 300 level may be counted towards only one major).

You must complete sufficient elective courses to meet the minimum requirement of 360 points for the BMus.

Study for the BMus in Classical Performance, Instrumental/Vocal Composition, Sonic Arts and Music Technology and Jazz Performance is intensive and you will study primarily Music courses.

If you want a more broadly based degree, the Bachelor of Arts (BA) in Music may be more suitable (see page 56 for BA in Music requirements). If you enjoy being extended, it is possible to take a conjoint degree combining a BMus and a BA.

MAJOR REQUIREMENTS

The courses listed in (a) of the major requirements on the following page are what you need to take in your first year. To find out details of what a particular course is about and when it is taught, look in the subjects and courses pages (from page 117).
Classical Performance

a. Complete six courses at 100 level:
   - PERF 130, MUSC 105, MUSC 166, MUSC 167
   - one course from MUSC 130–139
   - at least one course from PERF 132, PERF 134, PERF 136.

b. Complete five courses at 200 level:
   - PERF 230
   - either PERF 232 and 233, or PERF 233 and 234, or PERF 235 and 236
   - MUSC 266
   - at least one course from MUSC 230–239 or MUSC 245.

c. Complete four courses at 200 or 300 level:
   - PERF 330
   - either PERF 332 and 333, or PERF 333 and 334, or PERF 335 and 336

Instrumental/Vocal Composition

a. Complete five courses at 100 level: CMPO 101, CMPO 130, MUSC 105, MUSC 166, MUSC 167.

b. Complete five courses at 200 level:
   - CMPO 201, CMPO 230
   - one course from MUSC 220–259
   - two courses from MUSC 260–269.

c. Complete four courses at 300 level:
   - CMPO 301
   - two courses from CMPO 302–389
   - one course from MUSC 320–359.

d. Complete one course in PERF at any level.

Musicology

a. Complete five courses at 100 level:
   - MUSC 105, MUSC 166, MUSC 167
   - Any PERF or CMPO course
   - one course from MUSC 130–139.

b. Complete four courses at 200 level:
   - MUSC 266
   - two courses from MUSC 230–239
   - one further course from MUSC 220–259.

c. Complete courses worth 75 points from CMPO, MUSC or PERF 300–399, including:
   - at least three courses from MUSC 320–359, and one course from MUSC 330–349.

Ethnomusicology

a. Complete four courses at 100 level:
   - MUSC 105, MUSC 164, PERF 151
   - either either MUSC 164 or MUSC 166.

b. Complete courses at 200 level, including:
   - either MUSC 264 or MUSC 266
   - one course from PERF 250–259
   - further courses worth 60 points from CMPO, MUSC or PERF 200–299, including at least two courses from MUSC 220–269, of which one must be from MUSC 248–259.

c. Complete courses worth 75 points from CMPO, MUSC or PERF 300–399, including:
   - at least three courses from MUSC 320–369, including two courses from MUSC 349–359.

Jazz Performance

a. Complete six courses at 100 level: MUSC 105, MUSC 125, MUSC 164, PERF 120, PERF 121, PERF 122.

b. Complete five courses at 200 level:
   - MUSC 264, CMPO 235
   - CMPO, MUSC or PERF worth 60 points, including either CMPO 220 or (PERF 220, PERF 221, PERF 222).

c. Complete courses worth 75 points from CMPO, MUSC or PERF 300–399, including:
   - either CMPO 320 or (PERF 320 and PERF 322)
   - one course from MUSC 327–329 or CMPO 335.

Music Studies

Without specialisation

a. Complete four courses at 100 level:
   - MUSC 105
   - either MUSC 164 or MUSC 166
   - any PERF or CMPO course
   - one course from MUSC 120–159
   - one further course from MUSC 120–174.

b. Complete courses worth 80 points from CMPO, MUSC or PERF 200–299, including:
   - MUSC 264
   - CMPO 235
   - one course from MUSC 225–239.

c. Complete courses worth 75 points from CMPO, MUSC or PERF 300–399, including:
   - at least one course from MUSC 325–329
   - one course from MUSC 320–324 or MUSC 330–359.

d. Complete one course in PERF at any level.

You may use courses from CMPO 305–309 and MUSC 320–359 to satisfy the requirements of both the Instrumental/Vocal Composition and the Sonic Arts and Music Technology majors, provided at least 40 points at 300 level are credited solely to each major.
### BMus majoring in Classical Performance

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/3</td>
<td>2/3</td>
<td>1/3</td>
</tr>
<tr>
<td>PERF 130 30 points</td>
<td>PERF 230 30 points</td>
<td>PERF 330 40 points</td>
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<tr>
<td>One of PERF 132–136 10 points</td>
<td>PERF 232 15 points</td>
<td>PERF 332 15 points</td>
</tr>
<tr>
<td>MUSC 166 20 points</td>
<td>MUSC 167 20 points</td>
<td>PERF 233 15 points</td>
</tr>
<tr>
<td>MUSC 105 20 points</td>
<td>MUSC 130 20 points</td>
<td>MUSC 266 20 points</td>
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<td>MUSC 266 20 points</td>
<td>Elective Elective Elective 15 points Elective Elective Elective 15 points</td>
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<tr>
<td>120 points</td>
<td>115 points</td>
<td>125 points</td>
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Total points required: 360  
Total points completed: 360

### BMus majoring in Instrumental/Vocal Composition

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/3</td>
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<tr>
<td>MUSC 105 20 points</td>
<td>CMPO 101 15 points</td>
<td>CMPO 201 15 points</td>
</tr>
<tr>
<td>CMPO 130 15 points</td>
<td>MUSC 167 20 points</td>
<td>CMPO 230 20 points</td>
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<tr>
<td>Elective Elective Elective 100 level 15–20 points</td>
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<tr>
<td>125 points</td>
<td>125 points</td>
<td>120 points</td>
</tr>
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</table>

Total points required: 360  
Total points completed: 360

### BMus majoring in Jazz Performance

<table>
<thead>
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<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
</tr>
</thead>
<tbody>
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<td>2/3</td>
<td>1/3</td>
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<tr>
<td>PERF 120 30 points</td>
<td>PERF 220 30 points</td>
<td>PERF 320 40 points</td>
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<td>PERF 121 15 points</td>
<td>PERF 221 15 points</td>
<td>PERF 322 15 points</td>
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<tr>
<td>PERF 122 15 points</td>
<td>PERF 222 15 points</td>
<td>300 level 20 points</td>
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<td>MUSC 105 20 points</td>
<td>MUSC 125 20 points</td>
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<td>MUSC 164 20 points</td>
<td>MUSC 264 level 15 points</td>
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Total points required: 360  
Total points completed: 360

### Key

- **Core**
- **Elective**
### BMus majoring in Sonic Arts and Music Technology

<table>
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<tr>
<th>Year 1</th>
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<tr>
<td><strong>MUSC 105</strong></td>
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<td><strong>Elective 100 level</strong></td>
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<tr>
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<td><strong>Elective 200 level</strong></td>
<td><strong>Elective</strong></td>
</tr>
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<td>15-20 points</td>
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<tr>
<td><strong>125 points</strong></td>
<td><strong>125 points</strong></td>
<td><strong>105 points</strong></td>
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</tbody>
</table>

### Key

- **Core**
- **Elective**

Total points required: 360
Total points completed: 385
EMMA SANDFORD
Student, Bachelor of Music with Honours in Classical Performance

Choosing Victoria
I chose to study at the NZSM over other tertiary institutes because of its location in Wellington, the teaching staff and resources available and the chance to move away from home. The fact that I would be among other guitarists also really drew me to Wellington. The largest number of classical guitar students in the country are studying at Victoria University, and it’s great to study alongside other students who can challenge and inspire me. As a student at NZSM, I’m very lucky to have an incredible guitar teacher—Dr Jane Curry—as well as a fantastic music school in general.

Cultural capital
I love how compact Wellington is—I can get pretty much anywhere in the city on my own two feet, which has allowed me to become independent really quickly. I also love how cultural Wellington is, which as a musician is very important to me. There are gigs on all the time and everyone is so friendly and always up for collaboration. It is such a wonderful community here. Having groups such as the New Zealand Symphony Orchestra and the New Zealand String Quartet based here in Wellington is great, as the vast majority of their performances are right on our doorstep, and the members often teach at the NZSM.

Rewarding experience
Being a student has given me great opportunities such as the ability to go to concerts and other events without breaking the bank, and the chance to meet new people and start new hobbies. For example, I started modern jive dancing a few years ago. I have loved every moment of my time at the University, and I am looking forward to continuing my studies overseas next year.

Get involved
You never know what opportunities may arise for just giving things a go, and you have nothing to lose, so my advice is to get involved. I am involved in the Snow Sports club and the Music Society, which have been great for meeting new people and providing new experiences. In 2016, I co-founded the Te Rere Guitar Duo with another student. We have performed around the country at all kinds of events over the last few years, which has been an incredible experience. During my studies, I’ve gained great work experience through my role as residential adviser at a hall of residence, as well as working behind the scenes for NZSM events.

Advice
Stay optimistic—measure your progress and your achievement not through each individual assignment or performance, but through how far you’ve come as a person working throughout your university experience. In 20 years’ time, you won’t remember each individual assessment, but you will remember the effort you put into each one and the confidence that effort gave you in yourself, and that’s the most important thing.
Scientists are discoverers looking into the unknown, from the depths of the Antarctic Ocean to the workings of the human brain. A Bachelor of Science (BSc) will help you gain the essential skills needed to become a science innovator in the evolving job market of the future—you could be developing new technologies, treating diseases, protecting the environment or addressing the many other problems that require expert scientific minds.

In this three-year undergraduate degree at the number-one ranked university in New Zealand for research quality, you’ll absorb knowledge, observe phenomena, experiment with ideas and maybe even be part of making new discoveries.

We encourage you to take advantage of the flexibility of a Science degree and choose from more than 20 specialist scientific programmes that Victoria University offers, so you can combine your interests and your career aspirations.

At this university, you won’t just learn about scientific theories, you’ll also learn how to undertake research. Your BSc will position you ahead of other graduates in New Zealand, and the world, with skills in collecting, analysing and understanding data, thinking critically and creatively and communicating your ideas effectively.

As a student, you’ll find yourself surrounded by people passionate about science. Our staff are world leaders in their fields of research and you’ll benefit from their expertise in lecture theatres and laboratory sessions. Much of their ground breaking research is carried out in the University’s excellent facilities and out in the field, utilising Wellington’s vibrant science community.

Home to many national organisations and the highest concentration of science organisations in New Zealand, our capital city location places Victoria at the heart of science discovery.

Relationships with Wellington’s science community provide you with opportunities to gain valuable work experience and summer internships, and will position you among researchers who are key voices in significant debates, discussions and discoveries.

In the latest Performance-Based Research Fund national assessment of research excellence, all disciplines in the Faculty of Science were rated either first or second for research quality in their subject areas. The 2018 QS World Ranking placed Development Studies, Earth Sciences, Geography and Psychology in the top 100.

Join us in the heart of science discovery in New Zealand to change the world for the better.

FIND OUT MORE ABOUT THIS DEGREE  www.victoria.ac.nz/bsc

FACULTY OF SCIENCE | Level 1, Cotton Building, Kelburn Parade, Wellington

04-463 5101 | science-faculty@vuw.ac.nz | www.victoria.ac.nz/science
POTENTIAL CAREERS

A BSc provides the ideal foundation for a career in any scientific area. Employers recognise that Victoria University’s Science graduates, with adaptable skills and the ability to think critically and creatively about challenging issues, are especially suited to the jobs of the twenty-first century.

You could become a clinical psychologist, conservation biologist, data scientist, marine scientist, meteorologist, or physicist—the possibilities are endless and, in our changing world, your future career may not exist yet.

www.victoria.ac.nz/careers

POSTGRADUATE OPPORTUNITIES

A BSc may lead to further study at Honours, Master’s or PhD level. Postgraduate study is the ideal grounding for a career in any area of science, from biotechnology to theoretical physics, and is a requirement for some careers in science.

www.victoria.ac.nz/science/postgraduate

RECOMMENDED SCHOOL SUBJECTS

It is useful to have studied Science and Mathematics at NCEA Level 3. Some Science courses have specific NCEA Level 3 entry requirements, and others have no specified criteria. You’ll find entry requirements on the subjects and courses pages (from page 117).

Even if you haven’t studied much Science at secondary school, if you are passionate about science and prepared to put in the effort, there are many options to support your study at tertiary level. It may be possible to take preparatory courses in Trimester Three in the summer before your first year if you require additional study or do not meet NCEA requirements.

MAJORS

<table>
<thead>
<tr>
<th>Major</th>
<th>Code</th>
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<tbody>
<tr>
<td>Actuarial Science</td>
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<td>Applied Physics</td>
<td>APHS</td>
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<tr>
<td>Biology</td>
<td>BIOL</td>
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<td>Biotechnology</td>
<td>BTEC</td>
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<tr>
<td>Cell and Molecular Bioscience</td>
<td>CBIO</td>
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<td>Chemistry</td>
<td>CHEM</td>
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<td>Computer Graphics</td>
<td>CGRA</td>
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<td>Computer Science</td>
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<td>Data Science</td>
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<td>RESY</td>
</tr>
<tr>
<td>Statistics</td>
<td>STAT</td>
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</tbody>
</table>

* Subject to regulatory approval.

OTHER SUBJECTS

Science in Society (SCIS) is a minor offered in a range of disciplines and is designed to develop scientific literacy and communication of scientific ideas.

Forensic Science is available if you are majoring in Biomedical Science, Cell and Molecular Bioscience or Chemistry during a semester of exchange study at the National University of Singapore.

DEGREE REQUIREMENTS

Three years of full-time study (or longer part time).

A total of 360 points is required:

- at least 270 points must be from courses listed in the BSc Schedule
- at least 210 points from 200- and 300-level courses
- of the 210 points, at least 150 points from courses listed in the BSc Schedule
- at least 75 points from 300-level courses listed in the BSc Schedule

(continued on next page)
courses listed for other degrees may be counted as being BSc courses, including:
- maximum of 30 points if taken to satisfy a BSc major
- maximum of 30 points if taken to satisfy a second major from another first degree offered at this university
- maximum of 60 points across both these categories
- one course in ENGR 121–123, ENGR 142, MATH, PHYS, QUAN, STAT (or approved equivalent) at any level
- one approved course that demonstrates competency in oral and written communication
- the requirements for at least one major subject (see below) must be satisfied.
- 300-level courses may only be counted towards one major (or minor).

Other important information
You may also select up to two minors in undergraduate subject areas for the Bachelor of Arts, Bachelor of Architectural Studies, Bachelor of Commerce, Bachelor of Design Innovation and the Bachelor of Science.

A minor comprises at least 60 points from the relevant subject area at 200 level or above, of which at least 15 points must be at 300 level and not counted towards a major or another minor.

Many courses have specific prerequisites, so you will normally need to start studying subjects you wish to minor in during your first year. Go to www.victoria.ac.nz/courses for details.

MAJOR REQUIREMENTS
You must complete major requirements in at least one major subject as listed below. The requirements listed are the normal requirements for a major, including prerequisite courses; statutory requirements are listed in the University’s Calendar. Many courses have specific prerequisites—check the subjects and courses pages (from page 117).

In most cases, but not all, the courses listed in (a) of the major requirements below are what you need to take in your first year. To find out details of what a particular course is about and when it is taught, refer to the subjects and courses pages (from page 117).

Actuarial Science (ACTS)
a. Complete six courses at 100 level: ACCY 130, ECON 130, ECON 141, MATH 142, MATH 151 (or at least a B+ in QUAN 111), MATH 177.
b. Complete four courses at 200 level: ACTS 201, ECON 201, FINA 201 or FINA 202, MATH 277.
c. Complete four courses at 300 level:
  - ACTS 301, either FINA 303 or 306, STAT 335; and (one further course from ACTS 336, FINA 303, 306, MATH 377).

Applied Physics (APHS)
a. Complete four courses at 100 level: MATH 142, MATH 151, PHYS 114, PHYS 115.
b. Complete four courses at 200 level:
  - two courses from PHYS 201–299
  - two further courses from ECEN 201–204, MATH 243, MATH 244, PHYS 201–299.
c. Complete four courses at 300 level:
  - PHYS 343
  - either ECEN 301 or ECEN 303
  - one further course from PHYS 301–399
  - one course from PHYS 301–399 (or a related subject).

Biology (BIOL)
a. Complete four courses at 100 level: BIOL 111, BIOL 113, BIOL 114 and STAT 193 or equivalent.
b. Complete three courses from BIOL, BMSC or BTEC 201–299.
c. Complete courses worth 60 points from BIOL, BMSC or BTEC 301–399.

The Biology major is not recommended if you wish to progress into the Bachelor of Science with Honours (BSc(Hons)) or Master of Science (MSc) in Biological Sciences. If you’re interested in doing this, you should enrol in one of the other Biological Sciences majors (Biotechnology, Cell and Molecular Bioscience, Ecology and Biodiversity or Marine Biology).

Biotechnology (BTEC)
a. Complete five courses at 100 level: BIOL 111, BTEC 101, CHEM 114, CHEM 115 and either PHIL 106 or PHIL 361.
b. Complete four courses at 200 level:
  - BIOL 241, BTEC 201
  - two courses from BIOL 236, BIOL 244, BIOL 252, CHEM 201, CHEM 205.
c. Complete three courses at 300 level:
  - BTEC 301, SCIE 310
  - one course from BIOL 340, BMSC 334, BMSC 339, CHEM 301, CHEM 305.

Cell and Molecular Bioscience (CBIO)
a. Complete four courses at 100 level: BIOL 111, BIOL 113, BIOL 114, CHEM 114.
b. Complete four courses at 200 level: BIOL 241, BIOL 243, BIOL 244, BIOL 252.
c. Complete three courses at 300 level:
  - BIOL 340, BMSC 339
  - one course from BMSC 334, BMSC 335, BMSC 343, BMSC 354, BTEC 301.

Chemistry (CHEM)
a. Complete four courses at 100 level:
  - CHEM 114, CHEM 115
  - one course in MATH or PHYS
  - one course from BIOL 111, BMSC 117, BTEC 101, GEOG 114, ESCI 111, ESCI 112.
b. Complete five courses at 200 level: CHEM 201, CHEM 202, CHEM 203, CHEM 205, CHEM 206.
c. Complete four courses at 300 level from CHEM 301, CHEM 302, CHEM 303, CHEM 305, CHEM 306.

Computer Graphics (CGRA)
a. Complete six courses at 100 level: CGRA 151, (COMP 102 or COMP 112), COMP 103, DSDN 132, either ENGR 121 and ENGR 123, or MATH 151 and MATH 161.
b. Complete five courses at (mostly) 200 level:
CGRA 251, COMP 261, (MDDN 241 or MATH 245), NWEN 241
one course from ENGR 122, MATH 141, MATH 142, MATH 251.
c. Complete four courses at 300 level:
  ■ two courses from CGRA 301–399
  ■ two courses from CGRA, COMP, MDDN, MATH, NWEN, SWEN 300–399.

Computer Science (COMP)
a. Complete the following courses at 100 level:
  ■ COMP 102 or COMP 112
  ■ COMP 103
  ■ either ENGR 121 and ENGR 123 or MATH 161 and one of MATH 177 or QUAN 102 or STAT 193.
b. Complete three courses at 200 level: COMP 261, and two further courses from COMP, CYBR, NWEN or SWEN 200–299.
c. Complete four approved courses from COMP, CYBR, NWEN or SWEN 300–399, CGRA 350.

Data Science (DATA)
Complete three courses at 100 level:
  ■ DATA 101
  ■ One course from COMP 102, COMP 112, COMP 132, and INFO 151, INFO 226
  ■ One course from MATH 177, QUAN 102, STAT 193.
Complete four courses at 200 level:
  ■ DATA 201, DATA 202
  ■ One course from MATH 277, QUAN 203, STAT 292
  ■ One further course from COMP 261, GEOG 215, INFO 264, MATH 245, MATH 251, MATH 261, MATH 277, PHIL 269, QUAN 201, QUAN 203, STAT 292, STAT 293.
Complete four courses at 300 level:
  ■ DATA 301, DATA 303, COMP 309
  ■ One course from DATA 304–399, COMP 307, COMS 305*, ECON 303, GEOG 315, INFO 377, MARK 317, MATH 353, MGMT 315, MGMT 316, STAT 392, STAT 394, SWEN 304.

Development Studies (DEVE)
a. Complete three courses at 100 level: GEOG 112 and one approved regional-based course and one approved subject-based course.
b. Complete three courses at 200 level: GEOG 212 and one approved regional-based course and one approved subject-based course.
c. Complete three courses at 300 level: GEOG 312, GEOG 316 and one approved 300-level course.
Lists of approved regional- and subject-based courses are on page 136. GEOG 324 and GEOG 325 are strongly recommended for anyone interested in development studies research practice. These courses are required for the GEOG and PHYG majors, so if you’re taking Development Studies as a double major with one of these majors, you cannot count these courses as part of the Development Studies major.
This major requires careful planning. We recommend you look at the Geography, Environment and Earth Sciences website (www.victoria.ac.nz/development-studies) and talk to a student adviser.

Ecology and Biodiversity (EBIO)
a. Complete four courses at 100 level: BIOL 111, BIOL 113, BIOL 114, STAT 193.
b. Complete four courses at 200 level: BIOL 222, BIOL 227, BIOL 228, BIOL 241.
c. Complete three courses at 300 level: BIOL 329 and two further courses from BIOL 325, BIOL 327, BIOL 328.

Electronic and Computer Systems (ELCO)
a. Complete six courses at 100 level:
  ■ either COMP 102 or COMP 112
  ■ either MATH 142 and MATH 151; or ENGR 121 and ENGR 122
  ■ either ENGR 141 and ENGR 142; or PHYS 114 and PHYS 115.
b. Complete four courses at 200 level:
  ■ Three courses from ECEN 201–299
  ■ one 200-level course from COMP, ECEN 201–239, NWEN, SWEN, MATH.
c. Complete four courses from ECEN 301–399.

Environmental Science (ENSC)
This must be studied as a second major alongside Applied Physics, Biology, Chemistry, Ecology and Biodiversity, Geography, Geology, Geophysics, Marine Biology, Mathematics, Physical Geography, Physics or Statistics.
a. Complete four courses from BIOL, CHEM, ESCI, GEOG, MATH, PHYS, STAT 100–199, including:
  ■ STAT 193
  ■ one course in MATH.
b. Complete GEOG 214 and courses worth 40 points from BIOL, CHEM, ESCI, GEOG, MATH, PHYS, STAT 200–299 (in addition to those required by the partner major).
c. Complete courses worth 60 points at 300 level, including:
  ■ ENSC 301
  ■ either ENSC 302 or ENSC 303
  ■ further approved 300-level course(s).

Environmental Studies (ENVI)
a. Complete four courses at 100 level: ENVI 114, GEOG 111, GEOG 112, STAT 193 or equivalent.
b. Complete three courses at 200 level:
  ■ GEOG 214
  ■ one theory- or policy-based course
  ■ one practice or applied course.
c. Complete three courses at 300 level:
  ■ GEOG 314
  ■ one theory- or policy-based course
  ■ one practice or applied course.
A list of approved courses is at www.victoria.ac.nz/bsc-requirements
Geography (GEOG)

a. Complete four courses at 100 level: ESCI 111, GEOG 112, GEOG 114, STAT 193 or equivalent.
b. Complete three courses at 200 level: GEOG 215, GEOG 217, and one course from GEOG 212, GEOG 214, GEOG 216, GEOG 222.
c. Complete four courses at 300 level:
   - GEOG 324, GEOG 325
   - one course from GEOG 312–316 or GEOG 320
   - one further course from GEOG 300–399.

Geology (GEOL)

a. Complete four courses at 100 level:
   - ESCI 111 and ESCI 112
   - one course in MATH, PHYS, QUAN, STAT
   - one further course from CHEM 113–115, MATH 141–177, PHYS 114, PHYS 115, STAT 193.
b. Complete four courses at 200 level: ESCI 202, ESCI 203, ESCI 204, ESCI 241.
c. Complete five courses at 300 level: ESCI 301, ESCI 302, ESCI 341, ESCI 342; and either ESCI 303 or ESCI 305.

Geophysics—Meteorology (GPHS)

a. Complete six courses at 100 level:
   - either COMP 102 or COMP 112
   - either ESCI 111 or ESCI 112
   - MATH 142 and MATH 151
   - PHYS 114 and PHYS 115.
b. Complete four courses at 200 level:
   - either MATH 243 or MATH 244
   - MATH 251, PHYS 209, PHYS 223.
c. Complete four courses at 300 level: MATH 322, MATH 323; two further courses from MATH, OPRE or PHYS 300–399.

Geophysics—Solid Earth (GPHS)

a. Complete five courses at 100 level:
   - ESCI 111 or ESCI 112
   - MATH 142, MATH 151, PHYS 114, PHYS 115.
b. Complete five courses at 200 level:
   - MATH 243; PHYS 221, PHYS 222, PHYS 223
   - one further course from ECEN 201–204, PHYS 201–299*.
c. Complete four courses at 300 level: PHYS 304, PHYS 305, PHYS 307, PHYS 309.

* The requirement for one further course will be waived for students completing majors in both PHYS and CHEM.

Psychology (PSYC)

a. Complete three courses at 100 level: PSYC 121, PSYC 122, STAT 193.
b. Complete four courses at 200 level: PSYC 232, either PSYC 231 or PSYC 233, and two further courses from PSYC 200–299.
c. Complete four courses at 300 level: PSYC 325 and three further courses from PSYC 300–399.

Students are not able to do a double major in Psychology (PSYC) and Education and Psychology (EDPS).

Renewable Energy Systems* (RESY)

A new major in this topic is being developed for introduction in 2019. See the University’s website for updated information.

* Subject to regulatory approval.

Mathematics (MATH)

a. Complete three courses at 100 level: MATH 142, MATH 151, MATH 161.
b. Complete four courses from MATH 300–399.
c. Complete four further courses from MATH 200–399.

Statistics (STAT)

a. Complete either MATH 177 or STAT 193 and one course from MATH 100–199 and STAT 100–199.
b. Complete four courses at 200 level:
   - either STAT 292 and STAT 293 or MATH 243 and MATH 277
   - two further 200-level Science courses.
c. Complete four courses at 300 level:
   - STAT 332 or STAT 393
   - one further course from STAT 300–399
   - two further courses at 300 level from MATH, OPRE, STAT.
## DEGREE EXAMPLES

### BSc majoring in Ecology and Biodiversity and Statistics

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
</tr>
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<tr>
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<tr>
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</tr>
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<td>ESCI 132 15 points</td>
<td>BIOL 241 20 points</td>
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Total points required: 360
Total points completed: 370

### BSc majoring in Physics, with a minor in Mathematics

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<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
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</thead>
<tbody>
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<tr>
<td>PHYS 114 15 points</td>
<td>PHYS 115 15 points</td>
<td>PHYS 221 15 points</td>
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<tr>
<td>MATH 151 15 points</td>
<td>MATH 142 15 points</td>
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<tr>
<td>MATH 141 15 points</td>
<td>MATH 161 15 points</td>
<td>MATH 200 level 15 points</td>
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<tr>
<td>COMP 102 15 points</td>
<td>COMP 103 15 points</td>
<td>STAT 193 15 points</td>
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</tr>
<tr>
<td>120 points</td>
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<td>120 points</td>
</tr>
</tbody>
</table>

Total points required: 360
Total points completed: 360

### Key

- **First major**
- **Second major**
- **Elective**
Guide to Undergraduate Study 2019   113

LAURA HUGHES

Graduate, Bachelor of Science in Geology and Statistics
Student, Master of Science in Geology

Vibrant Wellington
One of my favourite things about living and studying in Wellington is how accessible everything is for students. Being able to walk around and surround yourself in the culture of the city is amazing. I love that there is always something happening in Wellington, and having everything so central means you never miss anything. I also love how the University and major research institutes are so close, so you know that the research you’re learning about in class is current and of national and global importance.

Out in the field
My Geology field courses have allowed me to put into practice what I’ve learnt in lectures. A highlight was going down to Kekerengu on the Kaikoura coast three months after the 2016 Kaikoura earthquake, and mapping the fault and land changes. This was a once in a lifetime opportunity and the skills that I developed on this trip enhanced my learning experience. During my studies, I was also awarded a summer research scholarship, which allowed me to undertake field work with GNS Science and international universities.

Capital city connections
I chose to study at Victoria University due to its proximity to national research institutes connected with my programme of study. Both GNS Science and Stats NZ are right on the door step of the University—and its close ties with these organisations allows for amazing research collaborations. The connections the University offers between research institutes, local businesses and my courses have been invaluable.

Amazing first year
I absolutely loved my first year at Victoria University. I started my degree intending to focus on Geology and Human Geography. During my first year I fell in love with Statistics, so I decided to change my majors to Geology and Statistics and have never looked back. My first year of university was a bit of a step up from high school, but with the help of the lecturers and the tutors I was able to achieve my goals. Moving away from home for the first time was another challenge, but the halls of residence provided me with the opportunity to meet new people and make new friends.

Passionate lecturers
The passion of my lecturers about their fields of interest has continued to inspire me throughout my studies. My lecturers have always been extremely helpful and approachable, and they’ve taught me to never stop asking questions. My advice is to make the most of the knowledge of your tutors and lecturers. Although it can be scary going and talking to them, the knowledge that they have about their fields of research is invaluable.
You can follow one of two pathways at Victoria University to become a primary or secondary teacher. You will need to complete an undergraduate degree first, then apply to enrol in the one-year Graduate Diploma of Teaching (Primary or Secondary) or the Master of Teaching and Learning (Primary or Secondary).

For entry into any teaching programme, you will need to be assessed and accepted by the Faculty of Education as suitable for the teaching profession. This involves meeting set criteria, having supportive referees and a satisfactory police check, making declarations about any health or disability issues and taking part successfully in a selection meeting that will include an interview and literacy and numeracy testing.

If English is not your first language, you must gain a band score of 7.0 or better in each component of the academic IELTS test before you begin the programme.

We recommend that you seek advice on planning your undergraduate pathway to a teacher education qualification.

TeachNext
TeachNext is a group for students who are completing an undergraduate degree at the University and planning to complete a teacher education programme. It meets regularly for information sessions, talks from education-sector speakers and education- and teaching-focused events, including school visits. You can also connect with staff from the Faculty of Education, who will answer questions about a teaching career.

Graduate Diploma of Teaching
The Graduate Diploma of Teaching (Primary) and the Graduate Diploma of Teaching (Secondary) are one-year full-time programmes offered on campus or online and include 14 weeks of teaching experience in schools.

To enter either programme, you must have completed an undergraduate degree. If you want to be a secondary teacher, you need appropriate level study in at least two teaching subjects in your degree, although one teaching subject in high demand may be sufficient. One of your teaching subjects should be your major and the other taken to at least 200 level.

Master of Teaching and Learning
The Master of Teaching and Learning (Primary) and the Master of Teaching and Learning (Secondary) are integrated internship models combining theory and practice that will give you the opportunity to study primary or secondary teacher education while based in a school. You will complete the qualification full time over 12 months of study. To gain entry to the programme, you must have completed a three-year Bachelor’s degree and should have a grade average of at least a B in the final year of study. If you want to be a secondary teacher, you should major in a teaching subject in your undergraduate degree.

POTENTIAL CAREERS
Graduates are eligible for registration with the Education Council and to teach in New Zealand primary and secondary schools. The combination of specialist subject knowledge and teaching skills is particularly attractive to employers, not only in schools but also in a range of other careers.

www.victoria.ac.nz/careers
POSTGRADUATE OPPORTUNITIES
Completion of a teaching programme can lead to further study for the Postgraduate Certificate in Education and the Postgraduate Diploma in Education (PGCertEd and PGDipEd). The Faculty of Education also offers a Master of Education (MEd), a Doctor of Education (EdD) and a Doctor of Philosophy in Education (PhD).

www.victoria.ac.nz/education/postgraduate

RECOMMENDED SCHOOL SUBJECTS
Subjects to study at school are those relevant to the subjects you are planning to teach.

Pathways
To equip yourself to be the best teacher you can be, it is a good idea to think carefully about your choice of courses in your undergraduate degree. 

Think of your tertiary education as a complete journey towards preparing yourself to teach. You can explore your options for undergraduate degrees from page 41.

You may need to include different subjects in your undergraduate degree, depending on whether you aim to teach at primary or secondary level. There are some courses that are useful no matter which level you wish to teach—you can include some of these if you have space for elective courses within your undergraduate degree.

Primary teaching
Any undergraduate degree can be used as the basis for admission to primary teaching programmes. If you are planning your undergraduate degree with the intention of undertaking a teacher education programme in the future, you should embrace the opportunity to study a broad base of curriculum areas, including mathematics, science, social science and te reo Māori.

Useful subjects to prepare yourself for a primary teaching programme include those related to areas of the New Zealand school curriculum, and those that develop your knowledge on the broader context of education and society. Suggestions of subjects offered at Victoria University are below.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education</td>
<td>EDUC 101, EDUC 141, EDUC 136</td>
</tr>
<tr>
<td>Pacific Studies</td>
<td>PASI 101, SAMO 101</td>
</tr>
<tr>
<td>Science</td>
<td>SCIE 101</td>
</tr>
<tr>
<td>Statistics</td>
<td>STAT 193</td>
</tr>
<tr>
<td>Te Reo Māori</td>
<td>MAOR 101, MAOR 102</td>
</tr>
<tr>
<td>Writing</td>
<td>WRIT 101</td>
</tr>
</tbody>
</table>

Curriculum area Teaching subjects offered at Victoria University

| English               | English Literature |
| Learning Languages    | Chinese, French, German, Japanese, Māori Studies^, Samoan Studies / Matā'upu tau Samoa, Spanish, Te Reo Māori |
| Mathematics          | Econometrics^^, Mathematics, Statistics |
| Performing Arts      | Theatre |
| Science              | Applied Physics, Biology, Biotechnology, Cell and Molecular Bioscience, Chemistry, Ecology and Biodiversity, Environmental Science, Environmental Studies, Marine Biology, Physics |
| Social Sciences      | Development Studies, Economics, Environmental Studies, Geography, History, Physical Geography |
| Technology           | Computer Science, Electronic and Computer Systems, Design |
| Visual Arts          | Design |

^ Must include Te Reo Māori courses to at least 200 level.
^^ Courses only, not a major.

Secondary teaching
If you want to teach at secondary level, you should include the subjects you wish to teach in your undergraduate degree. You should choose teaching subjects that relate to the New Zealand school curriculum areas. We recommend that you take one teaching subject as a major, and another to at least 200 level.

In 2019, the Master of Teaching and Learning (Secondary) will be offered in the following curriculum areas that relate to teaching subjects you can study at the University: English, Languages (Te Reo Māori), Mathematics, Music, Science (Physics, Chemistry, Biology) and Social Sciences (Geography, History). Note that not all subjects will be offered every year, as they are dependent on the availability of academic mentors at the University and teacher mentors in schools.

The Graduate Diploma of Teaching (Secondary) is offered in curriculum areas that relate to teaching subjects listed below.

<table>
<thead>
<tr>
<th>Curriculum area</th>
<th>Teaching subjects offered at Victoria University</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>English Literature</td>
</tr>
<tr>
<td>Learning Languages</td>
<td>Chinese, French, German, Japanese, Māori Studies^, Samoan Studies / Matā'upu tau Samoa, Spanish, Te Reo Māori</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Econometrics^^, Mathematics, Statistics</td>
</tr>
<tr>
<td>Performing Arts</td>
<td>Theatre</td>
</tr>
<tr>
<td>Science</td>
<td>Applied Physics, Biology, Biotechnology, Cell and Molecular Bioscience, Chemistry, Ecology and Biodiversity, Environmental Science, Environmental Studies, Marine Biology, Physics</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>Development Studies, Economics, Environmental Studies, Geography, History, Physical Geography</td>
</tr>
<tr>
<td>Technology</td>
<td>Computer Science, Electronic and Computer Systems, Design</td>
</tr>
<tr>
<td>Visual Arts</td>
<td>Design</td>
</tr>
</tbody>
</table>

^ Must include Te Reo Māori courses to at least 200 level.
^^ Courses only, not a major.
Wonderful Wellington
Wellington is a great city for students and everything is within walking distance. Up at the Kelburn campus, the Hub area is amazing and there're plenty of places to eat. Wellington is such a cool city to live in. I love the variety of cafés and bars and, as the old saying goes, “You can’t beat Wellington on a good day!” I’ve been to a lot of cities in New Zealand and around the world, but there’s something special about Wellington that always keeps me coming home.

A day at university
I’ll come in to uni for a class in the morning and then stay at uni for the day. I usually grab lunch or a coffee on campus with friends. I spend some time in the Library or in a room with other students, working on assignments or readings. I will often have a lecture or tutorial in the afternoon and head home once that’s finished. As part of the teaching programme, we also have two placements in different schools during the year. It has been awesome to be able to work in a classroom and learn more about the job in a hands-on environment.

Passionate about teaching
The Graduate Diploma of Teaching is a wonderful programme. Working alongside students who are all passionate and enthusiastic about what they are learning has really helped me through my studies. The course TCHG 301 The Learner in Context was an excellent introduction to the world of teaching. It is clear that the lecturers and tutors are all passionate about passing on their knowledge and helping to shape us to become the best educators we can be.

Get involved
Get involved in as much as you can on campus. Joining a club is one of the best ways to meet new people. I am the president of the Education Society, which runs events for students studying with the Faculty of Education. We offer social events throughout the year, and also provide students with the opportunity to learn more about the education industry in New Zealand.

Advice
Victoria University is really vibrant—there is always something happening and plenty of people around. It’s really easy to miss out on the university experience by coming to campus only for classes and then heading straight home. Stick around after class and enjoy all the exciting activities happening on campus. Take advantage of your time as a student, make some new friends and get involved as much as possible.
SUBJECTS AND COURSES

118  Subject and course information
119  Subject and course guide

Check www.victoria.ac.nz/courses for 200- and 300-level prerequisites.
SUBJECT AND COURSE INFORMATION

In this section, you’ll find a full list of the undergraduate subjects taught at Victoria University, along with the first-year course options available, related subjects and what careers they may lead to. Using this information, you’ll be able to plan your degree based on your interests and career goals.

Make sure you check the major requirements listed in the degree pages of this handbook (from page 41), as you will need to take required courses for each major. In some cases, variations may be possible.

Listed requirements are subject to change, so check the course finder for up-to-date information.

You can get assistance in planning your programme from our Student Recruitment and Orientation team. Spend some time considering what you want to do so you can plan a programme that keeps your options open. Where possible, you want to avoid making changes later.

IMPORTANT NOTES

- Most 100-level courses are available to all students who gain admission to the University. Some, however, have additional entry requirements. These are indicated below the relevant course entry.
  - (C) = Corequisite: a course you must study at the same time as this course, if not already passed.
  - (D) = Double-labelled course: these courses are directly equivalent.
  - (P) = Prerequisite: a course you must have passed before you can enrol in this course.
  - (X) = Restriction: if you have passed a course listed as a restriction, then you can’t take this course.

- Some courses, including a few at 100 level, are limited in the number of students who can be catered for. These courses tend to fill up fast, so you need to enrol in them as early as you can. These courses are listed at www.victoria.ac.nz/limited-entry

- School leavers should apply to enrol by 10 December 2018 to ensure a place in their preferred courses. All courses listed are offered on the basis of sufficient resources and student demand.

- Courses are subject to change.

- Potential careers have been included as a general guide, but many of the professions listed may require advanced degrees or additional training.

Statutory requirements are listed in the University Calendar, available online at www.victoria.ac.nz/calendar

COURSE FINDER

From September 2018, you can check 2019 courses on the course finder to find the following information:

- timetables and streams for courses
- room allocations/lecture theatres
- course descriptions
- course coordinators
- course content, learning objectives and assessments
- prerequisites for 200- and 300-level courses—check these to ensure you take the right courses at 100 level to progress in that subject.

www.victoria.ac.nz/courses

GOT A QUESTION?

The Student Recruitment and Orientation team is here to help. We have offices in Auckland and Wellington.

WELLINGTON OFFICE | Level 1, Hunter Building, Kelburn Campus
AUCKLAND OFFICE | Level 4, The Chancery, 50 Kitchener Street, Auckland

0800 VICTORIA (842 867) | course-advice@vuw.zc.nz
### SUBJECT AND COURSE GUIDE

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<th>Subject/Category</th>
<th>Page</th>
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<td>Creative Writing</td>
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<td>Design for Social Innovation</td>
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<td>Electronic and Computer Systems</td>
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* Subject to regulatory approval.

Check [www.victoria.ac.nz/courses](http://www.victoria.ac.nz/courses) for 200- and 300-level prerequisites. Guide to Undergraduate Study 2019 119
ACCOUNTING

See page 70 for major requirements.

From New York to Beijing, when business people meet, the language they speak is accounting. In public office or private business, from the New Zealand Treasury to multinational corporations, accounting is a fundamental skill used by the young business person.

Accounting is one of the core BCom subjects. Any BCom student intending to advance in accounting or taxation should take ACCY 111 and ACCY 115 in their first year. Others should do ACCY 130 instead. Other ACCY courses offer expertise in all aspects of the subject: from international business, fraud and tax issues, to transparency in government finance. Victoria's training will enable you to understand the language of business and turn it to your advantage anywhere in the world and in any career you choose.

To become a professional accountant you need to join a professional accounting body. At Victoria University you can meet the academic requirements for membership of the Chartered Accountants Australia and New Zealand by completing a BCom with a major in Accounting and Commercial Law (including the specified courses). The University also offers pathways to meet the academic requirements of CPA Australia and the Chartered Institute of Management Accountants (CIMA), UK and the Association of Certified Chartered Accountants (ACCA).

Students intending to meet these requirements need to also take ECON 141 and QUAN 111 in their first year. FINA 101 is not required.

First-year courses

ACCY 111 15 POINTS (1/3) (2/3)
Accounting
The preparation, use and analysis of internal and external accounting information.

ACCY 115 15 POINTS (1/3) (2/3)
Fundamentals of Accounting
Financial and Management Accounting for students intending to advance in Accounting and Taxation.

(P) ACCY 111 or approved levels of achievement in NCEA Level 3 Accounting: (X) the pair (ACCY 001, 111) in 2016 or earlier.

ACCY 130 15 POINTS (1/3) (2/3)
Accounting for Decision Making
An introduction to accounting for students not intending to advance in Accounting or Taxation. The course covers the use and social impact of accounting information, both within organisations and in external reporting.

200-level courses

ACCY 211 Accounting for Tourism
ACCY 223 Management Accounting
ACCY 225 Introduction to Accounting Systems
ACCY 231 Financial Accounting

300-level courses

ACCY 302 Advanced Management Accounting
ACCY 303 Fraud Auditing
ACCY 306 Financial Statement Analysis
ACCY 307 Government Accounting and Finance
ACCY 308 Advanced Financial Accounting
ACCY 309 International Accounting Topics
ACCY 314 Accounting and Society
ACCY 317 Accounting Information Systems

Related subjects

Commercial Law, Economics, Finance, Information Systems, Management, Taxation

Careers

Accountant, auditor, business analyst, business planner, financial controller, financial accountant, financial planner, forensic accountant, management accountant, tax adviser

ACTUARIAL SCIENCE

See pages 70 and 108 for major requirements.

We live in a world in which we are increasingly conscious of risks, whether from natural hazards such as earthquakes and storms, personal risks related to health, disease and lifestyle, or financial risks related to investment or asset management. Therefore, the need to analyse, forecast and manage risk is ever more important. Actuarial Science concerns the models and methods for undertaking this analysis, which come primarily from economics, mathematics and statistics.

Professional actuaries are traditionally involved in superannuation, insurance and banking but there is growing demand for actuarial skills across a diverse range of business disciplines such as management consultancy, investment, finance and stockbroking as well as in the areas of government, education, health and software development.

Students enrolling in this major, available in both the BCom and BSc, may consider taking it alongside a second major in economics, finance, mathematics or statistics. Graduates will be well prepared to become qualified actuaries or to enter a wide range of risk-management environments.

First-year courses

ACCY 130 Accounting for Decision Making
ECON 130 Microeconomic Principles
ECON 141 Macroeconomic Principles
MATH 142 Calculus 1B
MATH 151 Algebra
MATH 177 Probability and Decision Modelling

200-level courses

ACTS 201 Financial Mathematics
ECON 201 Intermediate Microeconomics
FINA 201 Introduction to Corporate Finance
FINA 202 Introduction to Investments
MATH 277 Mathematical Statistics

300-level courses

ACTS 301 Actuarial Science
ACTS 302 General Insurance Techniques
ECON 301 Econometrics
ECON 314 Game Theory
ECON 339 Information Systems
FINA 304 Financial Economics
FINA 305 Investments
FINA 306 Financial Economics
FINA 307 Risk Management and Insurance
MATH 377  Probability and Random Processes
STAT 332  Statistical Inference
STAT 335  Statistical Models for Actuarial Science
STAT 393  Linear Models

Related subjects
Accounting, Economics, Finance, Management, Mathematics, Social Policy, Statistics

Careers
Roles in actuarial science, banking, business analysis, computational modelling, data analysis, data mining, database coordination, demography, economic analysis, financial analysis, financial risk management, funds management, government analysis, industry regulation, investment banking, management consultancy, planning and performance analysis, policy analysis, risk analysis

APPLIED PHYSICS
See page 108 for major requirements.
See Physics.

ARCHITECTURE
See page 49 for major requirements.

Architects imagine, create, design and build the public places, homes and workplaces we inhabit and they address the cultural and spiritual significance of these creations. They inspire with their aesthetic innovation and their visions for cities of the future. Architecture explores design as an integrated problem-solving process which results in a creative synthesis of concept, aesthetics, function and technology.

Studying Architecture gives you a thorough grounding in architectural design, with the ability to address and integrate a broad range of related areas. You will gain a knowledge of the history and theory of the built environment which we inhabit, develop an understanding of sustainable design solutions within the built environment, study structural systems, materials and construction techniques and develop an ability to consider human environmental impact within buildings and how this can affect comfort, efficiency, mood and meaning.

The BAS in Architecture is a three-year programme, leading into a two-year Master of Architecture (Professional) for students wishing to become professional architects. In your first year you’ll share the same courses as Architecture History and Theory, Building Science, Interior Architecture and Landscape Architecture students. The second and third years are discipline focused, comprising a series of studio-based courses together with courses in architectural history and theory, communication, building technology and professional studies.

Our programme encourages cross-disciplinary study within the School of Architecture, in order to prepare graduates to practise effectively, think critically and become leaders in their fields nationally and internationally.

BAS and BBSc courses
Refer to page 48 (BAS) and page 64 (BBSc) for information on the core courses for each major.

First-year courses
SARC 111 15 POINTS (1/3)
Introduction to Design Processes
Studio-based projects introduce concepts and processes used in the design of human environments. These concepts and processes are examined in relation to the physical, social and cultural contexts in which designers operate.

SARC 112 15 POINTS (2/3)
Design Processes
Studio-based projects explore how abstract concepts of formal and spatial composition can be used to create habitable places. Discipline-specific modules introduce concepts and processes which are particular to architecture, interior architecture and landscape architecture. (P) SARC 111.

SARC 121 15 POINTS (2/3)
Introduction to Built Environment Technology
The scientific and technological contexts within which the built environment has developed. An introduction to the forces of nature, structures, construction, environmental science and how users interact with buildings. Reference will be made to historical as well as contemporary technologies.

SARC 122 15 POINTS (2/3)
Introduction to Applied Physics, Numerical Methods and Statistics for Designers
Basic applied algebra, physics and statistics relevant to the study of design and the built environment.

SARC 131 15 POINTS (1/3)
Introduction to Sustainability in the Designed Environment
The definitions and macro contexts of sustainability, emphasising the roles, responsibilities and opportunities for professionals in the designed and built environment. The course covers climate and microclimate, resources, materials, production, environmental impact and social equity.

SARC 151 15 POINTS (1/3)
Introduction to Design History and Theory
Introduction to the major historical and theoretical influences shaping the contemporary built environment.

SARC 161 15 POINTS (1/3)
Introduction to Design Communication
Studio-based projects introduce principles, media and techniques used in the representation of 3D design concepts and conventions for describing formal spatial subjects and scaled drawings, physical models and text together with the depiction of moods and meanings which are projected onto places by human occupants.

SARC 162 15 POINTS (2/3)
Design Communication
Studio-based projects explore principles, media and techniques used in the representation of 3D design concepts. Discipline-specific modules introduce topics in architecture, building science, interior architecture and landscape architecture.

200-level courses
ARCI 211 Architecture Design
ARCI 212 Architecture Design Integration
ARCI 251 History and Theory of Architecture
BILD 231 Environmental Engineering Systems
BILD 232 Sustainable Architecture

Check www.victoria.ac.nz/courses for 200- and 300-level prerequisites.
300-level courses

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<td>SARC 262</td>
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^ Courses are available only to students doing the relevant major.

Related subjects

Architecture History and Theory, Art History, Building Science, Classical Studies, Design Innovation, History, Interior Architecture, Landscape Architecture

Careers

Design consultant, model-making technician, technician in architectural conservation, technician in architecture, trainer, tutor

ART HISTORY

See page 54 for major requirements.

We live in a world of images. Art History offers a way of engaging with that world, through the study of art and visual experience. The Art History programme provides historical, social, cultural, political and aesthetic frameworks for understanding visual art and culture from the medieval until now. The programme has specialists in historical and contemporary New Zealand and Pacific art, European art, art in the twentieth and twenty-first centuries and history of photography. Historical knowledge is grounded in a range of theoretical approaches, and research is undertaken with critical attention to our location in the South Pacific.

An Art History major within the BA starts with first-year courses that offer an introduction to a global history of art and to the practice of art history as a discipline. In second- and third-year courses you will study a range of more focused periods, places and art movements, from the medieval period until now.
Our Art History programme teaches you to think critically, research independently and write effectively. You will experience first-hand the power of art, and realise its importance as a way for humans to give meaning to their world.

First-year courses

ARTh 113 20 POINTS (1/3)
Thinking through Art
Key works from the history of art are examined in detail to explore their meanings and provenance and to explain the methods art historians have developed for their study. Students will be introduced to the procedures of stylistic, iconographic and contextual analysis and to the nature and range of literature surrounding a particular work of art. They will be given insights into the processes by which an art object is accorded value and granted significance both by art history and through its circulation in culture at large.

ARTh 114 20 POINTS (2/3)
Art and Encounter
Focused on key episodes of cross-cultural encounter throughout the history of art from the Renaissance to the contemporary moment, this course introduces students to the artistic outcomes of a wide range of cultural contacts. The course examines questions of cultural difference and authenticity through consideration of significant artworks and practices within a global context.

(ARTh 111, 112)

200-level courses

ARTh 212 History of Photography
ARTh 213 Art in Aotearoa New Zealand
ARTh 214 Art in the Pacific
ARTh 216 Byzantine and Medieval Art
ARTh 217 The Renaissance
ARTh 218 The Baroque
ARTh 219 Modernism and Modernity
ARTh 222 Neoclassicism to Impressionism

300-level courses

ARTh 310 Topics in Colonial Art
ARTh 311 Topics in Contemporary New Zealand Art
ARTh 313 Topics in Renaissance Art
ARTh 315 Topics in 18th Century Art
ARTh 316 Topics in 19th Century Art
ARTh 317 Topics in 20th Century Art
ARTh 319 Topics in the History of Photography
ARTh 335 Special Topic: to be confirmed
ARTh 336 Topics in Pacific Art

Related subjects
Classical Studies, Cultural Anthropology, Design, English Literature, Film, History, Māori Studies, Media Studies, Pacific Studies, Religious Studies, Theatre

Careers
Advertising, archivist, art critic/writer, art education, art historian, communications, conservator, curator, film industry, gallery owner, journalist, library assistant, marketing, museums, research assistant

ASIAN STUDIES
See page 54 for major requirements.

Asia is the wellspring of many of the world's most enduring and richest civilisations. It is also a region of central political, economic and cultural importance to the affairs of the new millennium. An understanding of Asia has become vital in today's world, especially within the context of New Zealand's future in the Asia-Pacific.

Asian Studies is a multidisciplinary programme that draws in scholars from around the University who have international reputations in such fields as development studies, film, geography, history, international business, international relations, media studies, music, political science and religious studies.

The Asian Studies major offers a rigorous and varied background that emphasises critical thinking; in encouraging its students to become active and engaged global citizens, it makes them attractive to prospective employers and opens up opportunities in academia, business, diplomacy, education, international law, trade and tourism.

First-year courses

ASIA 101 20 POINTS (1/3)
New Zealand and Asia
An interdisciplinary introduction to the study of aspects of Asia, via a focus on the relationship between Asia and New Zealand. Topics include historical contacts, economic and political relations, cultural globalisation and immigrant communities.

ASIA 111 20 POINTS (2/3)
Introduction to Asian Histories and Cultures
An introduction to the histories and cultures of selected regions of Asia, with a focus on religion, social change, patterns of thought and ways of life.

Other approved 100-level courses

ANTH 101 Foundations of Society and Culture
ANTH 102 Social and Cultural Diversity
CHIN 101 Chinese Language 1A
CHIN 102 Chinese Language 1B
FHSS 110 Reading the World: Languages and Cultures in Context
GEOG 112 An Introduction to Human Geography and Development Studies
INTP 113 Introduction to International Relations
JAPA 111 Introduction to Japanese Language
JAPA 112 Elementary Japanese
JAPA 113 Introduction to Japanese Culture and Society
MUSC 150 Music in World Cultures
RELI 103 Paths to Enlightenment: Introducing Asian Religions
RELI 108 The World's Religions

200-level courses

ASIA 201 Contemporary Asian Society
ASIA 202 Malay World and Civilisation
ASIA 203 Modern Korean Society
ASIA 204 Special Topic
ASIA 208 Chinese Society and Culture Through Film

Check www.victoria.ac.nz/courses for 200- and 300-level prerequisites.
### BIOLOGY

See page 108 for major requirements.

The modern world is alive with issues of modern biology. The current debate over genetic engineering and biotechnology demonstrates how quickly science can cross over into other fields of study, such as law, ethics, commerce, media theory and philosophy.

At the School of Biological Sciences you can specialise in any of the hottest fields of contemporary biology, from genetics to ecology. You can enrol in a BSc with a major in one of five areas: Biotechnology, Cell and Molecular Bioscience, Ecology and Biodiversity, Marine Biology (see separate subject entries for these majors) or a broad major in Biology. With the Biology major you can combine elements of the other majors for a more flexible and broader degree.

While first-year courses lay the foundation for more advanced study, it is helpful to have some elementary knowledge of biology and statistics. Careers in government, Crown research institutes, veterinary and clinical laboratories and many industries are among those open to Biology graduates.

#### First-year courses

- **BIOL 111**  
  15 POINTS (2/3)  
  **Cell Biology**  
  Structure and function of pro- and eukaryotic cells, an introduction to biological chemistry, cell ultrastructure and metabolism, cell division and development.

- **BIOL 113**  
  15 POINTS (1/3)  
  **Biology of Plants**  
  An exploration into the structure, function and biodiversity of plants and fungi, emphasising their adaptations to different environments, their interactions with other organisms and their fundamental importance to humanity.

- **BIOL 114**  
  15 POINTS (1/3)  
  **Biology of Animals**  
  An introduction to animal structure and function. This course is largely based on the biology of mammals with a strong emphasis on human biology but comparison is made throughout with other animals.

- **BIOL 132**  
  15 POINTS (2/3)  
  **Biodiversity and Conservation**  
  Selected case studies in the ecology, evolution, management and conservation of the Earth’s ecosystems and the biota that inhabit them, with examples drawn from within both New Zealand and worldwide.

#### 200-level courses

- **BIOL 219**  
  New Zealand Flora and Fauna
- **BIOL 222**  
  Ecology and Environment
- **BIOL 227**  
  Plants and Algae: Function and Diversity
- **BIOL 228**  
  Animal Diversity
- **BIOL 241**  
  Genetics
- **BIOL 243**  
  Physiology and Pharmacology
- **BIOL 244**  
  Introductory Biochemistry
- **BIOL 252**  
  Cell and Developmental Biology
- **BIOL 271**  
  Introductory Marine Biology

#### 300-level courses

- **BIOL 314**  
  Island Biology—International Field Course in Biological Sciences
- **BIOL 325**  
  Global Change Biology
BIOL 327  Population and Community Ecology
BIOL 328  Behaviour and Conservation Ecology
BIOL 329  Evolution
BIOL 340  Genes and Genomes
BIOL 370  Field Marine Biology
BIOL 371  Marine Ecology
BIOL 372  Applied Marine Biology

Related subjects
Biomedical Science, Biotechnology, Cell and Molecular Bioscience, Ecology and Biodiversity, Environmental Science, Environmental Studies, Marine Biology, Statistics, Teaching

Careers
Roles in biosecurity, biotechnology, fisheries, forestry, museums and pharmaceuticals. Job titles include laboratory technician, research technician, science technician, teacher, trainee anaesthetic technician.

BIOMEDICAL SCIENCE
See page 61 for degree requirements.

Do you want to learn about the scientific basis of human health? Do you want to deal with real-life health and medical issues like new diseases, old diseases that resist treatment, the role of molecular biology in health and new and improved drugs?

Biomedical Science is the area of study that relates to human health and disease. It covers the whole of human life, from reproduction to ageing, taking in microbiology and pharmacology along the way.

The BBmedSc can be the first step towards a career in medicine and other health-related careers, or lead to work in health research. As a BBmedSc student you choose one of three majors: Human Genetics, Molecular Pathology or Molecular Pharmacology and Medicinal Chemistry.

First-year courses
BMSC 116  15 POINTS (1/3)
Sex and Evolution
Human evolution. The biology and psychology of human sexuality: gender and sexual identity, sex determination, courtship, mate choice and reproduction. The course considers reproductive technologies and medical interventions to assist fertility. It also introduces basic aspects of human anatomy, physiology, genetics and psychology.

BMSC 117  15 POINTS (2/3)
The Biology of Disease

BMSC 301  15 POINTS (2/3)
Medical Microbiology

BIOTECHNOLOGY
See page 108 for major requirements. See Biology.

Biotechnology is the application of science and technology to living organisms. While it has been used for decades—to provide insulin for diabetics, for example—it’s potential is only just being realised by the public.

A BSc major in Biotechnology provides a grounding in biotechnology and its underlying biological and chemical sciences. It is helpful to have some elementary knowledge of biology, chemistry and statistics. You can specialise in areas such as bioactives and biodiscovery, protein and nucleic acid biotechnology and bioprocessing and microbial biotechnology. As well as a sound scientific education, you’ll consider cultural and ethical issues, and are introduced to the aspects of commercial law and technology transfer involved in bringing biotechnological developments to the marketplace.

Biotechnology students have the opportunity to work at a technical level within a laboratory or industrial setting. They graduate with scientific, ethical and business skills, ready to enter a dynamic scientific field.

First-year course
BTEC 101  15 POINTS (1/3)
Introduction to Biotechnology
The biotechnology industry, examples of biotechnological innovation, introduction to microbial, plant and animal biotechnology, harnessing natural resources, health-related biotechnology and cultural, ethical and political issues.

Check www.victoria.ac.nz/courses for 200- and 300-level prerequisites.
200-level course
BTEC 201 Molecular Biotechnology

300-level course
BTEC 301 Biotechnological Techniques and Processes

Related subjects
Biology, Biomedical Science, Cell and Molecular Bioscience, Chemistry, Philosophy, Technology

Careers
Roles in biomedical and biotechnological industries, biotechnological innovation, environmental monitoring, environmental risk assessment, intellectual property, pharmaceuticals, research, scientific computing. Job titles include biomedical researcher, microbiologist, scientific journalist, teacher.

BUILDING SCIENCE
See page 65 for degree requirements.

Building science is an exciting and expanding area of expertise that bridges the gaps between architecture, engineering and building research. It is recognised for the crucial success of achieving sustainable buildings and built landscapes.

Building science examines and analyses the built environment and the way people interact with it. It gives you a thorough grounding in the development of construction methods, materials and systems, as well as an awareness of the impact and importance of trends in the development of sustainable building technologies. It introduces you to the science of comfort in terms of air quality, heat, light and sound. You will develop an understanding of structural engineering, and of the legal and economic environments in which buildings are constructed and inhabited.

Building Science is taught alongside the BAS programme, enabling students to engage with related disciplines and ensuring that the science of buildings is explored in the context of an awareness of architectural design issues. Our programme provides students with the skills needed to creatively apply knowledge to technical construction situations.

The BBSc is a three-year programme leading into a two-year Master of Building Science (MBSc) for students wishing to become professional building scientists, sustainable engineers and project managers. In your first year you’ll share most of the courses undertaken by Architecture, Architecture History and Theory, Interior Architecture and Landscape Architecture students. The second and third years are discipline focused, comprising courses in construction, structures, environmental science, systems and management. Depending on your interests, you can major in Project Management or Sustainable Engineering Systems, or both.

At the end of this degree you will have the knowledge and skills to begin a satisfying career in some aspect of the building industry or to continue your study at postgraduate level in the MBSc programme.

Courses
See Architecture (page 121) for BAS and BBSc courses, course descriptions and points values.

Related subjects
Architecture, Economics, Engineering, Geophysics, Management, Statistics, Physics, Public Policy

Careers
Building manager, project manager, quantity surveyor, site manager, sustainable building consultant, technical adviser, technician in construction, technician in environmental services

CELL AND MOLECULAR BIOSCIENCE
See Biology, page 108, for major requirements.

Science is at the heart of a knowledge-based economy, and in the new century bioscience is leading the way in innovation, enterprise and expansion. Cell and Molecular Bioscience is one of the five majors offered by the School of Biological Sciences within the BSc.

The subject concentrates on four areas: biochemistry and molecular biology; the science of living organisms at the molecular level; cell biology; the structure and function of cells in animals, plants and bacteria; genetics, the structure, function and regulation of genetic material; physiology and pharmacology, the integrated function of human organ systems and the effect of drugs.

One of the most in-demand and exciting areas in modern science, Cell and Molecular Bioscience offers a range of employment opportunities in New Zealand.

Related subjects
Biology, Biomedical Science, Biotechnology, Chemistry, Ecology and Biodiversity, Marine Biology

Careers
Roles in agricultural research, human medicine, pharmaceutical sales, plant breeding, veterinary medicine. Job titles include biomedical researcher, biotechnologist, genetic counsellor, laboratory technician, teacher, scientist.

CHEMISTRY
See page 108 for major requirements.

Chemistry is everywhere. It is fundamental to all living beings, physical processes, materials and the environment. Chemistry underlies all the functions of the human body, our food, the consumer goods we use, the buildings we live and work in, the energy we generate and consume and the air we breathe.

Understanding chemistry is the basis for understanding the function and structure of all of these, and also for developing new materials, pharmaceuticals, consumer products, technologies and processes to enhance our lives.

At Victoria University, you can start a degree in Chemistry at a level that suits you. If you’re a novice, the School of Chemical and Physical Sciences offers an introductory Chemistry course over the summer trimester, CHEM 191.

Chemistry is a pivotal science and a major in Chemistry for a BSc, or studied within a BBmedSc, provides you with a comprehensive knowledge and skill base covering theory coupled with a practical laboratory and technological emphasis. The opportunities for people with a good understanding of chemistry are enormous.
First-year courses

CHEM 113  15 POINTS (1/3)
Concepts of Chemistry
Electronic structure and properties of atoms, periodic trends, bonding, chemical equilibria and thermodynamics, acids and bases, redox reactions, organic nomenclature, isomerism, identification and reactivity of the basic organic functional groups.

Although CHEM 113 is an open-entry course that allows progress into CHEM 114, we strongly recommend that candidates who have not studied Chemistry to NCEA Level 2 complete CHEM 191 before enrolling in CHEM 113.

CHEM 114  15 POINTS (1/3) (2/3)
Principles of Chemistry
Principles of atomic and molecular structure, thermodynamics and kinetics together with an introduction to the systematic chemistry and applications of the elements and to a mechanistic interpretation of organic chemistry.

Acceptance into CHEM 114 is conditional on a minimum of 18 NCEA Level 3 credits in Chemistry including:
1. 3.4 Thermochemistry and Structure and Bonding (AS91390)
2. 3.5 Organic Chemistry (AS91391)
3. 3.6 Equilibria in Aqueous Systems (AS91392)
or an equivalent background in Chemistry or CHEM 113.

CHEM 115  15 POINTS (2/3)
Structure and Spectroscopy
This course is a skills-based approach to structure elucidation in chemistry and will introduce the principles of solid state chemistry, crystallography, Bragg’s Law; the basic concepts of the common forms of chemical spectroscopy; electronic, vibrational, rotational and nuclear magnetic resonance spectroscopies.

CHEM 114 is a prerequisite for CHEM 115. However, candidates who achieve an A- or better in CHEM 113 may be allowed to enrol in CHEM 115 concurrently with CHEM 114 in Trimester Two.

CHEM 119  15 POINTS (3/3)
Introductory Chemistry
This summer bridging course, taught by flexible (distance) delivery, may be used either to provide the basic chemical concepts and laboratory skills desirable for the study of chemistry at university level or as a refresher course for those who have studied some chemistry in the past. It is highly recommended for BMedSci students who do not have an adequate background in chemistry. While CHEM 119 is designed for students with little or no previous experience of chemistry, it may be taken for credit by any student who has not already passed a higher-level Chemistry course.

200-level courses

CHEM 201  Organic Chemistry
CHEM 202  Inorganic and Materials Chemistry
CHEM 203  Physical and Process Chemistry
CHEM 205  Chemical Synthesis—Laboratory Component
CHEM 206  Chemical Methods and Processes—Laboratory Component
CHEM 225  Analytical Chemistry

300-level courses

CHEM 301  Organic Chemistry
CHEM 302  Inorganic and Materials Chemistry
CHEM 303  Physical and Process Chemistry
CHEM 305  Chemistry Synthesis Laboratory
CHEM 306  Chemistry Materials and Methods Laboratory

Related subjects
Biological, Biomedical Science, Biotechnology, Cell and Molecular Biosciences, Environmental Science, Environmental Studies, Geology, Physics, Teaching, Technology

Careers
Roles in environmental planning, food processing, manufacturing, new product development, occupational safety and health, patents and law, pharmaceuticals, quality assurance. Job titles include environmental planner, food technologist, laboratory technician and manager, research scientist, teacher, technical assistant, winemaker.

CHINESE
See page 54 for major requirements.

The Chinese language is the primary tool of communication for one-fifth of the world’s population. In the twenty-first century, knowledge of Chinese and the Chinese-speaking world offers access to a major global civilisation, transnational economies and a country with enormous economic and political significance.

Staff members in the Chinese programme are all active researchers with expertise in Chinese language, literature, film and history. Our teaching concentrates on language and culture. We teach Modern Standard Chinese and emphasise acquisition of written and oral communication skills. The programme caters for students with or without previous exposure to Chinese and our goal is to provide students with Chinese language competence, Chinese cultural literacy and the skills to conduct effective cross-cultural communications in the Chinese-speaking world.

Students can major in Chinese or take Chinese as part of a major in Modern Language Studies or with any subject (for example, Asian Studies, International Relations, Law, Linguistics or Marketing).

First-year courses

CHIN 101  20 POINTS (1/3)
Chinese Language 1A
This is a beginners’ Chinese (Mandarin) course developing basics in reading, writing, speaking and listening in Modern Standard Chinese, using pinyin and simplified characters. Various aspects of Chinese culture will also be introduced. This course is designed for students with no previous knowledge of the language.

(X) Prior knowledge as determined by the programme director.

CHIN 102  20 POINTS (2/3)
Chinese Language 1B
This course is a continuation of CHIN 101, further developing students’ Chinese (Mandarin) language skills in reading, writing, speaking and listening at an elementary level. Various aspects of Chinese culture will also be introduced.

(P) CHIN 101.
200-level courses
CHIN 211  Chinese Language 2A
CHIN 212  Chinese Language 2B
CHIN 213  Modern Chinese Literature
ASIA 208  Chinese Society and Culture Through Film
FHSS 210  Language Study Abroad

300-level courses
CHIN 311  Chinese Language 3A
CHIN 312  Chinese Language 3B
CHIN 313  Classical Chinese Language and Literature
CHIN 314  Advanced Chinese Composition and Translation
FHSS 310  Study Abroad for Language Students

Related subjects

Careers
Roles in diplomacy, government, international business, journalism, librarianship, marketing, media, education, tourism, translation and interpreting

CLASSICAL PERFORMANCE
See Music.

CLASSICAL STUDIES, GREEK AND LATIN
See pages 56 for major requirements.

With courses in art, literature, mythology, and political and social history—and in Latin and Greek—Classics invites its students to explore every aspect of the momentous achievements of the Greeks and Romans, be they brilliant or frightening, beautiful or ugly, exalted or base.

The staff in Classics have won awards for their research, teaching and public contributions. Classics is also home to a lively student culture, with various student-led reading groups, and the Wellington Classical Association, which offers lectures, often by scholars visiting from abroad, special presentations, museum events and play readings.

A highlight of the programme’s offerings is its Greek field trip, conducted every other summer, in which students visit and study classical sites throughout mainland Greece and Crete. Students also study and engage with actual antiquities from Ancient Greece and Rome in the University’s Classics Museum, which is located in the Old Kirk building.

In Classics, we endeavour to explain the contemporary legacy of the classical past, which remains very much part of twenty-first century New Zealand culture. Our interdisciplinary offerings also foster cognitive and communicative skills in our students, useful in a variety of professional contexts.

First-year courses
If you have studied Latin at NCEA Level 2, you should enrol in LATI 104 rather than LATI 103. If you have NCEA Level 3 or Bursary Latin, you should enrol in LATI 213.

CLAS 102  20 POINTS
Greek Art: Myth and Culture
Not offered in 2019.

CLAS 106  20 POINTS (1/3)
Ancient Civilisations: The Greeks and the Romans
The origins of western culture in ancient Europe: an introduction to ancient Greek and Roman civilisation—history, war and conquest, politics, society and culture.

CLAS 111  20 POINTS (2/3)
Myth and Mythologies

(X) CLAS 204, CLAS 304.

GREE 112  20 POINTS (1/3)
Introduction to Greek
An introduction to ancient Greek for beginners, with emphasis on the acquisition of basic reading skills.

GREE 113  20 POINTS (2/3)
Elementary Greek
A study of ancient Greek, assuming basic reading skills, with emphasis on the reading of texts in Attic Greek.

(P) GREE 112.

LATI 103  20 POINTS (1/3)
Introduction to Latin
An introduction to the Latin language for beginners, with emphasis on the acquisition of basic reading skills.

LATI 104  20 POINTS (2/3)
Elementary Latin
A study of Latin, assuming basic reading skills, with emphasis on the reading of selected texts.

(P) LATI 103 or a required standard of Latin.

200-level courses
CLAS 207  Roman Social History
CLAS 208  Greek Social History
CLAS 211  Myth and Storytelling
CLAS 212  Special Topic: Animals and Monsters in Ancient Greece and Rome
CLAS 214  Special Topic: Dionysos
GREE 215  Intermediate Greek
GREE 216  Greek Literature
LATI 213  Latin Literature and Language A
LATI 214  Latin Literature and Language B

300-level courses
CLAS 303  Greek and Roman Drama
CLAS 310  Greek and Roman Epic
CLAS 312  Special Topic: Myth, Art and the Gods in Ancient Greece
CLAS 314  Special Topic: Foundations of Western Political and Legal Thought
CLAS 320  Greek Field Trip
GREE 315  Advanced Greek Literature A
GREE 316  Advanced Greek Literature B
LATI 330  Advanced Latin Literature
LATI 331  Advanced Latin Literature

Related subjects
Art History, Criminology, Cultural Anthropology, English Literature, Film, History, Linguistics, Modern Language Studies, Philosophy, Political Science, Religious Studies, Sociology, Theatre

Careers
Role in communications, government, journalism, media and publishing. Job titles include journalist, library assistant, museum host, policy analyst, research assistant, teacher.

COMMERCE
First-year course
FCOM 111  15 POINTS (1/3) (2/3)
Government, Law and Business
An introduction to the governmental and legal context within which business operates in New Zealand.
This course, which is compulsory for the BCom degree, is intended to give students a broad awareness of the law-making process and the general operation of the legal system, the role of public policy and the ethical and legal responsibilities in organisations and societies. It should be taken in your first year.

COMMERCIAL LAW
See page 70 for major requirements.
No business happens in a vacuum. Whether your enterprise is a dot.com start-up or a film company looking to make a project happen in New Zealand, legal decisions and legislation need to be understood.
Commercial Law includes the important areas of contract law, company and partnership law, competition law, labour law and the law relating to marketing. It also covers up-to-the-minute developments in the law of e-commerce. Graduates with a Commercial Law background will understand the legal issues that might arise in commercial decision-making.
A Commercial Law major along with a major in one of Accounting, Marketing, Management, Finance, Taxation, Public Policy or Human Resource Management and Industrial Relations is a powerful combination. You'll then have a degree that gets you ready to make business happen.

First-year course
COML 111  15 POINTS
Law for Business
Unlikely to be offered in 2019.

200-level courses
COML 203  Legal Environment of Business
COML 204  Law of Organisations
COML 205  Consumer Law

300-level courses
COML 302  The Law of Work
COML 304  Competition Law

Related subjects
Accounting, Finance, International Business, Management, Law, Marketing, Taxation, Tourism Management

Careers
Accountant, auditor, business consultant, business owner, company secretary, finance adviser, government or taxation adviser, manager, marketer, operations analyst

COMMUNICATION DESIGN
See page 76 for major requirements.
Actively shape and inform the future evolution of the design industry in New Zealand, and learn how to respond and contribute to a global society that is creative, ethical, sustainable, experimental and reflective of different cultures.
Unlike other communication design programmes in New Zealand, you will explore innovative concepts such as Generative Design, Digital Painting and Visual Narratives, while considering Māori knowledge and culture.
Within the Communication Design major, students can choose to specialise in Advertising or Computational Graphic Design.

Courses
See Design (page 133) for BDI courses, course descriptions and points values.

Related subjects

Careers
Communication Design graduates will be well prepared to start their career in a range of design fields, including art direction and digital branding, communication design, graphic design, illustration, photography, publishing and layout design.

COMPUTER GRAPHICS
See page 108 for major requirements.
Wellington is at the heart of New Zealand's growing computer graphics industry. Victoria University's School of Engineering and Computer Science enjoys significant collaborations with the industry, both in Wellington and around the world. Behind every game, every visual effect, every visual simulation and every graphical user interface, are talented computer programmers who understand the ways in which a computer represents and makes images, the way the human eye works, the physics and mathematics of how light interacts with matter and the aesthetics of design.
The Computer Graphics programme aims to produce technically brilliant graduates who are great programmers, good mathematicians and who have an appreciation of the artistic design process. It combines courses principally from the School of Engineering and Computer Science with courses from the School of Design to produce graduates capable of innovating in a range of graphics-related careers and employable well beyond the graphics industry.

The BSc major in Computer Graphics allows students to pursue their particular interests. Those with a flair for design can take sufficient courses from the School of Design to achieve a minor in Media Design. Those who would prefer a career in computer simulation can take courses in Mathematics or Physics. There is scope to select supporting courses from the Computer Science major.

First-year courses

**DSDN 132** 15 POINTS (1/3)

**3D Modelling and Animation I**
Introduction to the practice of modelling, lighting, texturing and rigging using 3D software. Concepts and principles related to this studio practice and field of design are also covered.

**CGRA 151** 15 POINTS (2/3)

**Introduction to Computer Graphics**
Introduction to fundamental concepts and knowledge of computer graphics, including the representation of colour and images, manipulation of images, representation of 2D and 3D spaces and the manipulation and movement of 2D and 3D objects.

(P) COMP 102 or COMP 112 or DSDN 142.

**COMP 102** 15 POINTS (1/3)

**Introduction to Computer Program Design**
Introduction to the fundamentals of programming in a high-level programming language (Java), using an object-oriented approach to program design. Students develop their programming skills by constructing computer programs for a variety of applications. The course provides a foundation for all later courses in Computer Science, and develops programming skills useful for students in many other disciplines.

Suitably prepared students may replace this with COMP 112.

**COMP 103** 15 POINTS (2/3)

**Introduction to Data Structures and Algorithms**
Building on COMP 102 or COMP 112, this course focuses on the techniques for designing, building and analysing computer programs that deal with large collections of data. It addresses techniques for programming with collections of data and the data structures and algorithms needed to implement these collections. The course expands programming skills and provides an understanding of the principles of data abstraction, algorithm design and the analysis of algorithms fundamental to computer science.

(P) COMP 112 or B- or higher in COMP 102.

**ENGR 123** 15 POINTS (2/3)

**Engineering Mathematics with Logic and Statistics**
This course introduces mathematical techniques employed by network and software engineers, including methods of combinatorics and logic, probability and decision theory. There is an emphasis on applications and developing active learning.

(P) ENGR 121; (X) The pair MATH 101, (MATH 177 or QUAN 102 or STAT 193).

Students may replace this with MATH 161.

200-level courses

**CGRA 251**

Computer Graphics

**COMP 261**

Algorithms and Data Structures

**MATH 245**

Computational Mathematics

**MATH 251**

Linear Algebra

**MDDN 211**

Digital Video Creation

**MDDN 241**

3D Modelling and Animation II

**MDDN 242**

Creative Coding II

**MDDN 243**

Introduction to Computer Game Design

**NWEN 241**

Systems Programming

**NWEN 243**

Network Applications

**SWEN 221**

Software Development

300-level courses

**CGRA 350**

Real-time 3D Computer Graphics

**CGRA 351**

Visual Effects Programming

**COMP 307**

Introduction to Artificial Intelligence

**COMP 313**

Computer Game Development

**COMP 361**

Design and Analysis of Algorithms

**MDDN 311**

Postproduction and Special Effects

**MDDN 342**

Creative Coding III

**MDDN 343**

Advanced Computer Game Design

**NWEN 303**

Concurrent Programming

**SWEN 301**

Structured Methods

**SWEN 302**

Agile Methods

**SWEN 303**

User Interface Design

**SWEN 324**

Software Correctness

**SWEN 325**

Software Development for Mobile Platforms

**SWEN 326**

Safety-critical Systems

Related subjects

Computer Science, Engineering, Film, Mathematics, Media Design, Physics

Careers

Technical roles in animation, digital effects, film and game development. Wider career options include application developer, bioinformatics, programmer, simulator, software designer, systems programmer, web developer.

**COMPUTER SCIENCE**

See page 109 for major requirements.

Behind the rapid innovation and development of information technology are skilled professionals who keep our high-tech world moving. As computers contribute increasingly to our creativity, communication, entertainment and wellbeing, the demand for computer scientists continues to grow.

The BSc major in Computer Science is a comprehensive introduction to the design, theory, techniques and tools of modern computer systems and software. A challenging and rewarding
major in its own right, you can also combine a BSc in Computer Science with study in arts, commerce or other areas of science. You may also like to look at the four-year BE(Hons) (see page 84). If your interests are more specific, you can elect to specialise in one of two areas: artificial intelligence or cybersecurity.

The School of Engineering and Computer Science runs specialised research programmes in distributed systems, software engineering, artificial intelligence, computer graphics and logic and computation. A major in Computer Science from Victoria University—a recognised pioneer in internet technology in New Zealand—is an entrée to exciting, innovative and rewarding work anywhere in the world.

**First-year courses**

**COMP 102** 15 POINTS (1/3)

*Introduction to Computer Program Design*

This course introduces the fundamentals of programming in a high-level programming language (Java), using an object-oriented approach to program design. Students develop their programming skills by constructing computer programs for a variety of applications. The course provides a foundation for all later courses in Computer Science, and develops programming skills useful for students in many other disciplines.

**COMP 103** 15 POINTS (2/3)

*Introduction to Data Structures and Algorithms*

This course builds on COMP 102, focusing on the techniques for designing, building and analysing computer programs that deal with large collections of data. The course addresses techniques for programming with collections of data, and the data structures and algorithms needed to implement these collections. The course expands programming skills and provides an understanding of the principles of data abstraction, algorithm design and the analysis of algorithms fundamental to computer science.

*(P) COMP 112 or B– or higher in COMP 102.*

**COMP 112** 15 POINTS (1/3)

*Introduction to Computer Science*

This course introduces a range of important concepts and topics across Computer Science, Software Engineering and Network Engineering. Students will also gain a solid foundation of programming skills in object-oriented programming. The course is an entry point to the BE(Hons) and BSc in Computer Science for students who already have basic programming skills.

*Entry requirement: 14 AS Level 3 NCEA credits in Digital Technology, including 6 credits in Computer Programming, or COMP 102, or INFO 102 or equivalent programming experience.*

*(X) COMP 103.*

**ENGR 121** 15 POINTS (1/3)

*Engineering Mathematics Foundations*

An introduction to the range of mathematical techniques employed by engineers, including functions and calculus, linear algebra and vector geometry, probability and statistics. There is an emphasis on applications and modelling.

*Entry requirement: 16 NCEA Level 3 credits in Mathematics, or successful completion of MATH 132 (or equivalent background).*

*(X) Any pair of MATH 141 or QUAN 111; MATH 151 or 161 or 177.*

**ENGR 123** 15 POINTS (2/3)

*Engineering Mathematics and Logic and Statistics*

This course introduces mathematical techniques employed by network and software engineers, including methods of combinatorics and logic, probability and decision theory. There is an emphasis on applications and developing active learning.

*(P) ENGR 121; (X) The pair MATH 101, (MATH 177 or QUAN 102 or STAT 193).*

**200-level courses**

**COMP 261** Algorithms and Data Structures

**NWEN 241** Systems Programming

**NWEN 243** Network Applications

**SWEN 221** Software Development

**SWEN 225** Software Design

**300-level courses**

**COMP 304** Programming Languages

**COMP 307** Introduction to Artificial Intelligence

**COMP 309** Machine Learning Tools and Techniques

**COMP 312** Simulation and Stochastic Models

**COMP 313** Computer Game Development

**COMP 361** Design and Analysis of Algorithms

**NWEN 301** Operating System Design

**NWEN 302** Computer Network Design

**NWEN 303** Concurrent Programming

**NWEN 304** Advanced Network Applications

**NWEN 342** Computer Organisation

**SWEN 301** Structured Methods

**SWEN 303** User Interface Design

**SWEN 304** Database System Engineering

**SWEN 324** Software Correctness

**SWEN 325** Software Development for Mobile Platforms

**SWEN 326** Safety-critical Systems

**Related subjects**


**Careers**

Analyst programmer, application developer, bioinformatics, database administrator, data mining, digital effects and film, games development, programmer, software designer, systems programmer, web developer

**CREATIVE WRITING**

A list of Victoria University’s best-known Creative Writing graduates reads like a Who’s Who of contemporary New Zealand literature. Among them, they have won all of New Zealand’s major literary awards and are creating some of the most exciting new works in contemporary literature.

Our programme features intense and stimulating undergraduate courses in poetry, short fiction, children’s writing, Māori and Pasifika creative writing, creative nonfiction, television scriptwriting, science writing and writing for theatre. These are all 200- and 300-level courses, and can be taken independently or credited towards a BA or another degree programme by arrangement with the relevant faculty. One CREW course may be included in an English Literature major. CREW 353 Writing for Theatre may be included in a Theatre major with approval from the head of school. A minor in Creative Writing is available.
Workshop numbers are restricted, making entry to the Creative Writing courses competitive. Applicants need to have at least 40 points (in any subject) and are required to submit a small writing sample. Applications should be made either online via the University’s website or in hard copy by contacting the International Institute of Modern Letters directly.

Taught from the International Institute of Modern Letters on the Kelburn campus, our Creative Writing programme has a national and international reputation for nurturing the potential of some of the best writers in New Zealand.

200-level courses

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<tr>
<th>Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>CREW 253</td>
<td>Poetry Workshop</td>
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<td>CREW 254</td>
<td>Short Fiction Workshop</td>
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<td>CREW 255</td>
<td>Children's Writing Workshop</td>
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<tr>
<td>CREW 256</td>
<td>Special Topic: Māori and Pasifika Creative Writing Workshop</td>
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<tr>
<td>CREW 257</td>
<td>Creative Nonfiction Workshop</td>
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<td>CREW 258</td>
<td>The Iowa Workshop (Prose)</td>
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<tr>
<td>CREW 259</td>
<td>The Iowa Workshop (Poetry)</td>
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300-level courses

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<tr>
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<tbody>
<tr>
<td>CREW 351</td>
<td>Masterclass</td>
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<tr>
<td>CREW 352</td>
<td>Creative Writing Workshop: Science Writing</td>
</tr>
<tr>
<td>CREW 353</td>
<td>Writing for Theatre</td>
</tr>
</tbody>
</table>

Related subjects

Art History, English Literature, Film, History, Linguistics, Media Studies, Modern Language Studies, Philosophy, Theatre, Writing

Careers

Artist, advertising, author, copywriter, journalist, marketing, poet, public relations, publishing, scriptwriter, television writer, writer

CRIMINOLOGY

See page 54 for major requirements.

Who commits crime? Why do people commit crime? How can we understand crime? How should we deal with crime and criminals? What is crime and who defines it? These are key questions that you'll explore in Criminology.

Criminology is the study of crime and the social, legal and policy responses to criminal behaviour. The Institute of Criminology, established at Victoria University in 1975, has a depth of expertise as the first university in Aotearoa New Zealand to offer Criminology as a major. Criminology brings together a range of related disciplines (including law, psychology, social policy, sociology and cultural studies) to provide a fascinating and critical insight into crime and society.

Criminology students will study the characteristics and social context of offenders and their victims, learn how the police operate and how the law, the courts and correctional agencies try to prevent and control crime. You will also be encouraged to question and critically explore crime and criminal behaviour as a social construct, and examine alternative ways of managing and responding to crime problems. Graduates have contributed to criminal justice, social and community work services, human rights, social policy and social science research.

First-year course

**CRIM 111 20 POINTS (2/3)**

Introduction to Criminology

CRIM 111 is a broad-based introduction to key criminological concepts, debates and theories. The first half explores a wide range of theoretical explanations for crime/criminality. The second explores the attempts to measure crime, media representations of crime and the social dimensions or correlates of crime including ethnicity, class, gender and age.

(P) 20 ANTH, HIST, LAWS, MDIA, PUBL, SOSC or SPOL points; or 15 PSYC points; or CRIM 211, CRIM 214.

200-level courses

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<tr>
<th>Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>CRIM 201</td>
<td>Crime in Aotearoa New Zealand*</td>
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<tr>
<td>CRIM 203</td>
<td>Criminal Justice in Aotearoa New Zealand*</td>
</tr>
<tr>
<td>CRIM 217</td>
<td>Criminal Psychology</td>
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<tr>
<td>CRIM 219</td>
<td>Special Topic: Current Issues in Criminology</td>
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* Subject to regulatory approval.

300-level courses

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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>CRIM 311</td>
<td>Policing</td>
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<tr>
<td>CRIM 314</td>
<td>Special Topic: White-collar Crime</td>
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<td>CRIM 316</td>
<td>Criminological Theory</td>
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<tr>
<td>CRIM 322</td>
<td>Crime, Deviance and Popular Culture</td>
</tr>
<tr>
<td>CRIM 324</td>
<td>Sexual Violence</td>
</tr>
<tr>
<td>CRIM 326</td>
<td>Criminological Research Methods</td>
</tr>
</tbody>
</table>

CULTURAL ANTHROPOLOGY

See page 54 for major requirements.

Anthropology is the ‘study of human beings’. Within this general field, Cultural Anthropology seeks to understand and explain cultural diversity by studying peoples and societies from all over the world. Cultural Anthropology offers comparative insights into the different ways social life is meaningfully organised and changed, locally and globally.

An education in Cultural Anthropology provides you with a wide range of skills relating to cultural and social analysis, complementing other subjects by providing a broad comparative understanding of human society and culture.

First-year courses

**ANTH 101 20 POINTS (1/3)**

Foundations of Society and Culture

ANTH 101 introduces students to the subject through a focus on the nature and organisation of tribes, chieftoms, states and the global system. An understanding of the social and cultural differences among societies of different scales is essential to both further study in Anthropology and an appreciation of world culture, history and geography.
ANTH 102
**Social and Cultural Diversity**
This course introduces students to the study of social and cultural diversity by exploring culture and its role in our lives. Topics include ritual, symbolism, the body, exchange, belief, inequality, globalisation, kinship, gender and class. Case studies are drawn from New Zealand, the Pacific, Asia, Africa and the Americas.

200-level courses
ANTH 201  Gender, Sexuality and Kinship
ANTH 209  Conflict and Reconciliation
ANTH 210  Environmental Anthropology
ANTH 213  Ritual in the Collective Life
ANTH 215  Special Topic: Capitalism, Culture and Inequality*

300-level courses
ANTH 307  Medical Anthropology
ANTH 312  The Challenges of Ethnography
ANTH 314  Special Topic: Science, Technology and Culture
ANTH 315  Special Topic: Anthropology for Liberation*

* Subject to regulatory approval.

Related subjects
Art History, Asian Studies, Education, Gender and Sexuality Studies, Geography, History, Linguistics, Māori Studies, Pacific Studies, Philosophy, Political Science, Religious Studies, Sociology

Careers
Anthropologist, client services coordinator, community worker, cultural adviser, heritage and resource management adviser, journalist, market and consumer researcher, migrant and refugee services worker, museums, policy analyst, social researcher, social scientist, teacher

DATA SCIENCE
See pages 54, 70 or 109 for major requirements.

Big data and the internet of things have changed the way society works—we send and receive data constantly, and now we need people who can manage and find hidden insights within it.

Data Science combines ideas from statistics, computing and mathematics to provide new insights that are crucial to the survival of businesses, governments and institutions that want to transform their data into information, insights and novel data products.

Make discoveries as you dive into data with this new major that will set you up for a career in the most high-demand industry of the twenty-first century.

You will develop technical skills in statistics, computing, databases and mathematics to explore and understand data in a range of settings and applications, assess the ethics of data collection and use, question privacy and security issues, learn about the importance of communicating effectively with data and explore how workplaces can ‘put data in its place’.

Data Science is available as a major in the BA, BCom and BSc. Graduates will have skill sets opening up career opportunities in the public, private and not-for-profit sectors.

DESIGN
See page 76 for degree requirements.

The School of Design offers students a range of courses that will complement various degree programmes offered by the University. As well as being offered as majors within the BDI degree, Communication Design, Design for Social Innovation, Industrial Design, Interaction Design and Media Design are available as outside majors or minors within the BA, BCom and BSc.

The option to include minors means that students can easily customise their course of study. Students enrolled in Design for Social Innovation must select one minor from a wide variety of possible minors in complementary disciplines available across the University. Media Design and Industrial Design students also may choose to pursue a minor, but it is not compulsory.


First-year courses
DSDN 101  15 POINTS (1/3)
Design Visualisation
Introduction to theories and practices of design, investigated explicitly through various modes of visualisation across a wide range of manual as well as digital techniques. Taught from an explicitly design perspective, emphases are given to expressive conceptual, contextual and formal modes.

DSDN 104  15 POINTS (2/3)
Digital Creation
This course introduces students to generic concepts, practices and theories of the use of computers and digital technologies in design. It will consider the similarities and distinctions between manual and digital techniques as well as developing potential overlaps, while also investigating the various possibilities of design.

DSDN 111  15 POINTS (1/3)
Ideas and Principles of Design
Introduction to generic design concepts, design vocabularies and principles of 3D design taught in the studio environment. The design studio will develop inquiry, literacy and compositional skill in design, building a foundation for research through design.

DSDN 112  15 POINTS (2/3)
Introduction to Interaction Design
This course introduces students to basic concepts and practices of interaction design. Students explore the aesthetics of objects, software and devices from the perspective of the user’s experience and use context.

(P) DSDN 101.

DSDN 132  15 POINTS (1/3)
3D Modelling and Animation I
Introduction to the practice of modelling, lighting, texturing and rigging using 3D software. Concepts and principles related to this studio practice and field of design are also covered.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credit Points</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSDN 141</td>
<td>15 (2/3)</td>
<td>Experimenting with Materials</td>
<td>Introduction to technologies, materials and processes used in 3D design disciplines. Emphasis includes the application of both physical and digital explorative methods relevant to the discovery of design attributes in material properties and aesthetic meaning.</td>
</tr>
<tr>
<td>DSDN 142</td>
<td>15 (2/3)</td>
<td>Creative Coding I</td>
<td>The core topics of Interaction Design (as well as other disciplines) are motion, interaction and procedures (interconnected processes). This course introduces students to these concepts and the fundamentals of interactive visual perception through creative coding for interactive interfaces; students will be developing their own visual, animated, multimedia and interactive design solutions to an array of design problems.</td>
</tr>
<tr>
<td>DSDN 144</td>
<td>15 (1/3) (2/3)</td>
<td>Photographics</td>
<td>This course is an introduction to the photographic design principles, theories and methodologies. Through the completion of three projects, students will acquire a fundamental understanding of digital photography techniques.</td>
</tr>
<tr>
<td>DSDN 151</td>
<td>15 (2/3)</td>
<td>Graphic Design</td>
<td>This course covers essential topics related to graphic design concepts and studio techniques. Students will explore the history and contemporary practices that combine visual media with text towards promoting moods, concepts, brands and identity.</td>
</tr>
<tr>
<td>DSDN 152*</td>
<td>15 (1/3)</td>
<td>Figure Drawing</td>
<td>This course develops the technical skills of drawing, while also advancing the understanding of human anatomy, kinesiology and the interrelationship between people and proximal artefacts.</td>
</tr>
<tr>
<td>DSDN 171</td>
<td>15 (1/3)</td>
<td>Design in Context</td>
<td>Design in Context explores the many ways in which design and technology navigate, mediate and contribute to changes—social, cultural, personal, political and ecological—in the human environment. To understand and contextualise these engagements, this course will focus on core issues and ideas found at the intersections of design and culture. DSDN 171 will investigate these nexus points, identifying key threads connecting design throughout history.</td>
</tr>
<tr>
<td>DSDN 172</td>
<td>15 (2/3)</td>
<td>Māori Narratives / Storytelling for Design</td>
<td>Great visual storytellers challenge our notions of self and truth and become part of our history and cultural identities. Māori Narratives / Storytelling for Design enables the dissemination of mātauranga Māori via storytelling. Regardless of design discipline, Māori Narratives / Storytelling for Design will enable students to become creative, responsible arbiters of visual storytelling.</td>
</tr>
<tr>
<td>FADN 101*</td>
<td>15 (2/3)</td>
<td>Fashion Construction Studio I</td>
<td>This course introduces the principles of designing patterns and researching material properties, culminating in the physical production of design models. A special focus is placed on pattern design, covering a range of drawn and CAD-based approaches. Historical and cultural theories related to fashion, including mātauranga Māori approaches, will be explored, providing a context for understanding how cultures precipitate and react to fashion design.</td>
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<td>* Subject to regulatory approval.</td>
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</tbody>
</table>

**200-level courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCDN 231</td>
<td>Experimental Design Ideas</td>
<td></td>
</tr>
<tr>
<td>CCDN 233</td>
<td>Design Enthnography</td>
<td></td>
</tr>
<tr>
<td>CCDN 244</td>
<td>Expanded Photographics</td>
<td></td>
</tr>
<tr>
<td>CCDN 271</td>
<td>Design as Inquiry</td>
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<tr>
<td>COMD 201</td>
<td>Typography</td>
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<tr>
<td>COMD 211</td>
<td>Drawing</td>
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<tr>
<td>COMD 231</td>
<td>Illustration</td>
<td></td>
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<tr>
<td>COMD 241</td>
<td>Visual Narratives</td>
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<tr>
<td>DSDN 251</td>
<td>Design Psychology</td>
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<tr>
<td>FADN 201</td>
<td>Fashion Construction Studio II</td>
<td></td>
</tr>
<tr>
<td>FADN 242</td>
<td>Generative Textiles</td>
<td></td>
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<tr>
<td>FADN 273</td>
<td>Fashion and Society</td>
<td></td>
</tr>
<tr>
<td>INDN 211</td>
<td>Object Based Experiments</td>
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<tr>
<td>INDN 212</td>
<td>Product Based Experiments</td>
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</tr>
<tr>
<td>INDN 252</td>
<td>Design Physiology</td>
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<tr>
<td>IXDN 201</td>
<td>User-experience for Interaction Design</td>
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<tr>
<td>IXDN 221</td>
<td>Introduction to Web Design</td>
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</tr>
<tr>
<td>MDDN 201</td>
<td>Internet Design</td>
<td></td>
</tr>
<tr>
<td>MDDN 211</td>
<td>Digital Video Creation</td>
<td></td>
</tr>
<tr>
<td>MDDN 241</td>
<td>3D Modelling and Animation II</td>
<td></td>
</tr>
<tr>
<td>MDDN 242</td>
<td>Creative Coding II</td>
<td></td>
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<tr>
<td>MDDN 243</td>
<td>Introduction to Computer Game Design</td>
<td></td>
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<tr>
<td>MDDN 251</td>
<td>Physical Computing</td>
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</tbody>
</table>

**300-level courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCDN 331</td>
<td>Live Theory</td>
<td></td>
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<tr>
<td>CCDN 332</td>
<td>Design+</td>
<td></td>
</tr>
<tr>
<td>CCDN 342</td>
<td>Advanced Topics in Design</td>
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</tr>
<tr>
<td>COMD 301</td>
<td>Communication Design Capstone</td>
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<tr>
<td>COMD 321</td>
<td>Advertising</td>
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<tr>
<td>COMD 331</td>
<td>Concept Art and World Building</td>
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<tr>
<td>COMD 342</td>
<td>Computational Graphic Design</td>
<td></td>
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<tr>
<td>COMD 351</td>
<td>Writing for Design</td>
<td></td>
</tr>
<tr>
<td>FADN 301</td>
<td>Fashion Construction Studio III</td>
<td></td>
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<tr>
<td>FADN 312</td>
<td>Fashion Design Technology Capstone Project</td>
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<tr>
<td>FADN 312</td>
<td>Costume Design</td>
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<tr>
<td>FADN 341</td>
<td>High Performance Fashion and Wearables</td>
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<tr>
<td>INDN 311</td>
<td>Digital Form</td>
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<tr>
<td>INDN 312</td>
<td>Brand+Identity</td>
<td></td>
</tr>
<tr>
<td>INDN 341</td>
<td>Mass Production+Digital Manufacturing</td>
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<tr>
<td>INDN 342</td>
<td>Digital Fabrication</td>
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<tr>
<td>IXDN 301</td>
<td>Interaction Design Capstone Project</td>
<td></td>
</tr>
<tr>
<td>IXDN 321</td>
<td>Advanced Web Design</td>
<td></td>
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<tr>
<td>IXDN 341</td>
<td>Interaction Design for Healthcare</td>
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</tr>
<tr>
<td>MDDN 311</td>
<td>Postproduction and Special Effects</td>
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<tr>
<td>MDDN 314</td>
<td>Audio-Visual Space</td>
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<tr>
<td>MDDN 343</td>
<td>Advanced Computer Game Design</td>
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<tr>
<td>MDDN 351</td>
<td>Wearable Technology</td>
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<tr>
<td>MDDN 352</td>
<td>Mobile Media</td>
<td></td>
</tr>
</tbody>
</table>
Related subjects
* Subject to regulatory approval.

DESIGN FOR SOCIAL INNOVATION
See page 76 for major requirements.

Design for Social Innovation combines design research, thinking and critical practice in the pursuit of creative solutions. This major, unique in New Zealand, gives you the opportunity to design objects, systems and environments (both real and virtual) within a critical, analytical and conceptual framework. Design for Social Innovation is conceived around an understanding that cultures shape design, and in turn, design shapes cultures. The programme has three areas of focus: Social Design Innovation, Design in the Cultural Sector and Design Research and Strategy. Topics explored in Design for Social Innovation courses include:

- Conceptual and experimental design practices
- Design research methods including ethnographic and psychological approaches
- Social design for/and with communities
- Sustainable design theory and practice
- DIY design and maker cultures
- Design for the cultural sector including exhibition design and curation
- Photography, digital imaging and computer culture.

The Design for Social Innovation major offers a cross-disciplinary qualification for students who have a strong interest in design and who seek professional career opportunities in a wide variety of design and design-related fields, both enhancing and complementing traditional design practice.

The BDI in Design for Social Innovation is a three-year programme, leading into a two-year Master of Design Innovation (MDI). In your first year, you’ll share the same core Design courses as Industrial Design and Media Design students. This develops your knowledge of both the real and the virtual worlds through experiments into materials and explorations into the potential of immersive digital experiences.

Specialisations
All Design students can complete specialisations within their major if they choose to.

Cultures of Making offers students a theoretical and practical introduction to the different perspectives and critical issues that reside between culture, making and design, including: indigenous design, DIY and maker culture, and the impact of globalisation and new technologies on the fabrication and craft of material objects.

Service Design offers students a practical understanding of the development of design systems and services, strategic management and design thinking. With a focus on preparing graduates to excel in diverse creative and collaborative professional practice environments, students will be exposed to ways in which design is conceived, researched, analysed and applied across a variety of contexts.

Speculative Design repositions design as a creator of possibilities, prototypes and provocations surrounding complex cultural, social and ethical issues. Through the exploration of “what if...” scenarios, students will apply critical and creative thinking to the development of design output that aims to facilitate public engagement with complex concerns around race, class, gender, ability and age, the environment, and scientific and technological advances.

All Design for Social Innovation students are required to include one minor outside the School of Design in their programme of study to complete their degree. Suggested minors include: Art History, Asian Studies, Cultural Anthropology, Development Studies, Environmental Studies, Film Studies, Māori Studies, Marketing, Media Studies, Music Studies, Pacific Studies, Philosophy, Psychology, Sociology, Theatre.

Courses
See Design (page 133) for BDI courses, course descriptions and points values.

Related minors with possible careers

<table>
<thead>
<tr>
<th>Minor subject</th>
<th>Career</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art History</td>
<td>Museum/gallery curator, design critic, event/experience designer</td>
</tr>
<tr>
<td>Asian Studies</td>
<td>International design ambassador, policy adviser, design consultant</td>
</tr>
<tr>
<td>Cultural Anthropology</td>
<td>Design researcher/consultant, trend analyst</td>
</tr>
<tr>
<td>Development Studies</td>
<td>Non-governmental organisation strategist/consultant, service designer, policy adviser</td>
</tr>
<tr>
<td>Film</td>
<td>Film industry writer, critic, producer</td>
</tr>
<tr>
<td>Management</td>
<td>Agency manager, design strategist, marketing and advertising executive</td>
</tr>
<tr>
<td>Māori Studies</td>
<td>Māori design advocate/curator/specialist</td>
</tr>
<tr>
<td>Marketing</td>
<td>Marketing and advertising executive, advertising planner, design strategist, entrepreneur</td>
</tr>
<tr>
<td>Media Studies</td>
<td>Media researcher, producer, entrepreneur</td>
</tr>
<tr>
<td>Psychology</td>
<td>Product/system interface and usability designer</td>
</tr>
<tr>
<td>Sociology</td>
<td>Design consultant/design critic/social issues advocate</td>
</tr>
</tbody>
</table>

Careers
Graduates will have a strong grounding in issues and influences within the expanding field of design and design knowledge expressed through a diverse range of media, and can pursue careers in design-related fields as diverse as advertising, publishing, curatorial work, human-centred design or business.

DEVELOPMENT STUDIES
See pages 54 or 109 for major requirements.

Where in the world do Asia, gender studies, Latin America, earthquakes, the Pacific Islands and globalisation meet? The answer is Development Studies.

Victoria University's Development Studies programme is the first major of its kind in New Zealand. It's an umbrella under which you can study almost any aspect of the development of human societies and their relationship to the Earth. This multidisciplinary field is concerned with studying inequality between people and nations, and the ethical issues that poverty and inequality create. Because Development Studies investigates the world and the people who live here, it encourages you to be confident and tolerant with cross-cultural issues and to analyse and solve global problems.

Check www.victoria.ac.nz/courses for 200- and 300-level prerequisites.
Geography staff within the School of Geography, Environment and Earth Sciences can help shape a degree that is tailored specifically to your abilities and interests. You must still meet first-year prerequisites to continue on to chosen electives in second year.

Building on a core in Geography, you are encouraged to take this major combined with another in a related discipline such as Cultural Anthropology, Economics, Geology, History, Political Science, International Relations, Biology, Education, Environmental Studies, Asian Studies, Pacific Studies or Māori Studies.

Core courses
GEOG 112 Introduction to Human Geography and Development Studies
GEOG 212 Worlds of Development
GEOG 312 Race, Gender and Development
GEOG 316 Geographies of Globalisation

100-level regional-based courses
Take one of:
ASIA 101 Introduction to Asian Studies
MAOR 123 Te Iwi Māori me āna Tikanga / Māori Society and Culture
PASI 101 The Pacific Heritage

100-level required subject-based courses
Take one of:
ANTH 101 Foundations of Society and Culture
ANTH 102 Social and Cultural Diversity
ECON 130 Microeconomic Principles
ECON 141 Macroeconomic Principles
ESCI 111 The Earth System: An Introduction to Physical Geography and Earth Sciences
GEOG 114 Environment and Resources: The Foundations
INTP 113 Introduction to International Relations
POLS 111 Introduction to New Zealand Government and Politics
POLS 112 Introduction to Political Ideas
POLS 114 Introduction to Comparative Politics
PUBL 113 Social and Public Policy: Values and Change
RELI 107 Religion, Law and Politics
RELI 108 The World’s Religions
SOSC 111 Sociology: Foundations and Concepts

Upon request, this subject-based course may be substituted for a regional-based course within an approved programme of study that includes other subject-based courses from the above list.

Related subjects
Asian Studies, Biology, Cultural Anthropology, Economics, Environmental Studies, Geography, History, International Relations, Māori Studies, Media Studies, Pacific Studies, Political Science, Public Policy, Sociology, Tourism

Careers
Roles in biodiversity and conservation management, city or regional planning, diplomacy, disaster and relief management, education, government and public service, indigenous development, international aid and development, journalism, local and community development, non-governmental organisations and charity work, policy analysis, research, social services, teaching and tourism management.

EARLY CHILDHOOD TEACHER EDUCATION
See page 81 for BEd(Tchg)EC degree requirements.

Early childhood is a distinct and critical time in the lives of children when care and education are inseparably linked. Children and families benefit from access to quality early childhood education, and the whole community benefits from having well-educated and qualified teachers who reflect the diverse backgrounds of children.

Early childhood teachers work in close partnership with parents, caregivers and whānau in a holistic, inclusive, supportive and empowering way. The responsive relationship between early childhood teachers and families is critical to ensure the smooth transition for children between contexts.

There are two pathways into early childhood teaching: the Graduate Diploma of Teaching (ECT) and the Bachelor of Education (Teaching) Early Childhood (BEd(Tchg)EC). This publication focuses on the courses required for the BEd(Tchg)EC.

First-year courses—BEd(Tchg)EC
EDUC 115 15 POINTS (1/3)
The Discovery of Early Childhood
An introduction to the history and philosophies underpinning early childhood care and education in Europe, the United States and New Zealand from the eighteenth century to the present day.

EDUC 116 15 POINTS (1/3)
Understanding Young Children
An introduction to past and present theories of child development with a particular focus on understanding the theoretical context out of which contemporary understandings of how young children learn and develop have emerged.

TCHG 111 15 POINTS (1/3)
Te Whāriki
A foundation overview of theories of children’s learning and Te Whāriki: He whāriki mātauranga mā ngā mokopuna o Aotearoa—Early Childhood Curriculum with particular reference to play, curriculum principles and the strand of Exploration.

TCHG 112 15 POINTS (2/3)
Notions of Well-being and Belonging
Promoting safe, healthy and sustainable living within the context of early childhood settings. Issues of difference and diversity and how these impact on a child’s growing sense of self are explored with relevant links to the Well-being and Belonging strands and goals of Te Whāriki (Ministry of Education, 1996).

TCHG 114 15 POINTS (2/3)
Working with Infants, Toddlers and their Families and Whānau
This course will support students to work effectively with infants, toddlers and their families/whānau. Students will examine a variety of theories and associated philosophies in relation to infant and toddler pedagogy.

TCHG 116 15 POINTS (2/3)
Introduction to the Teaching Profession (ECT)
First-year teaching practice supported by developing reflective practices and professional skills.

TCHG 118 15 POINTS (2/3)
Te Ao Māori I
A foundation course in the Te Ao Māori strand that focuses on basic language structures with a particular emphasis on vocabulary relevant to early childhood education contexts.
This course also explores Te Tiriti o Waitangi in relation to teaching in Aotearoa New Zealand.

The following 100-, 200- and 300-level courses are offered in the second and third years of the BEd(Tchg)EC degree:

**100-level course**

TCHG 117 Building Authentic Relationships with Children

**200-level courses**

EDUC 215 The Early Years Debates  
TCHG 211 The Multi-literate Child  
TCHG 212 The Musical and Physical Child  
TCHG 213 The Inquiring Child  
TCHG 214 Developing Professional Partnerships in ECE  
TCHG 216 Facilitating Curriculum to Support Children’s Learning  
TCHG 217 Planning for Diversity  
TCHG 218 Te Ao Māori II

**300-level courses**

TCHG 361 Professional Responsibilities in ECE  
TCHG 362 Being a Professional ECE Teacher  
TCHG 363 Investigating Pedagogical Practices  
TCHG 364 Learning Together: Young Children and Adults in Early Years Settings  
TCHG 365 ECE Pedagogy  
TCHG 367 Te Ao Māori III

**EARTHS SCIENCES**

See Geology and Geophysics.

**ECOLOGY AND BIODIVERSITY**

See page 109 for major requirements.  
See Biology.

At the School of Biological Sciences, you’ll learn about the huge diversity of plants, animals and micro-organisms that inhabit Earth. After a broad introduction, the major in Ecology and Biodiversity focuses on areas of plant, animal and ecosystem diversity and function. Topics include physical and biological processes in ecology, genetics and molecular biology, statistics, plant ecology and conservation, animal ecology and behaviour, and evolution. You’ll find it helpful to have some elementary knowledge of biology and statistics.

Wellington offers access to some unique centres of native biodiversity including the Otari Native Plant Museum, Kapiti Island Bird Sanctuary and the urban wildlife sanctuary Zealandia. Current research interests include tuatara evolution and conservation, insect invasions and sex in plants.

For a career that has anything to do with the understanding and management of living things and their interactions with people, a BSc major in Ecology and Biodiversity is ideal.

**Related subjects**

Biology, Biomedical Science, Cell and Molecular Bioscience, Development Studies, Environmental Science, Environmental Studies, Geography, Marine Biology, Physical Geography, Statistics

**Careers**

Roles in biodiversity management, biosecurity, conservation. Job titles include environmental protection officer, forestry, fundraising coordinator, medical laboratory assistant, policy analyst, researcher, resource manager, resource planner, teacher, weed and pest controller.

**ECONOMETRICS**

Econometrics is a vital component in the toolbox for careers in economics or finance, such as in economic or business forecasting, teaching or economic and policy research. Econometrics uses and develops statistical techniques, in combination with economics and mathematics, to analyse empirically a wide range of issues and applications in academic research, economic and public policy, and the modern business world. Econometric theory and practice shows how to formulate and estimate economic and financial models, make forecasts and/or test ideas and theories, in order to draw conclusions from business and economic data.

Our first-year courses cover basic economics, statistical techniques used in research and business, and mathematics. Econometrics study begins in earnest in the second year, and develops further in the third and fourth (Honours) years to cover more advanced issues.

**First-year courses**

**QUAN 102** 15 POINTS (1/3) (2/3) (3/3)  
Statistics for Business

An introduction to techniques useful in business research or practice. Topics include graphs and diagrams, measures of location and dispersion, index numbers, probability, sampling, estimation and testing (z, t, chi-square, sign and Mann-Whitney tests), correlation and simple regression. STAT 193 is similar to QUAN 102, and can be substituted if necessary.

(X) **STAT 193**.

**QUAN 111** 15 POINTS (1/3) (2/3)  
Mathematics for Economics and Finance

Mathematical methods appropriate for study of economics and finance: set theory, functions, calculus of functions of one or several variables, mathematical economics, vectors, matrices and systems of linear equations.

**200-level courses**

QUAN 201 Introduction to Econometrics  
QUAN 203 Quantitative Methods for Economics and Finance

**300-level courses**

ECON 301 Econometrics  
ECON 303 Applied Econometrics  
FINA 304 Financial Econometrics

**Related subjects**

Economics, Finance, Mathematics, Statistics

**Careers**

Banking, economic analyst, economic forecaster, financial analyst, consulting, government, insurance, international agencies, Ministry of Economic Development, Reserve Bank, the Treasury.
ECONOMICS

See page 70 for major requirements.

If you want to understand why people, societies and governments make the choices they do and the implications of these choices, economics is for you. Economics is much more than the study of decision-making. It is about the study of how we go about the everyday business of life and wealth creation. Economics looks at how economic systems work and how households and firms behave. You will study the new challenges and opportunities of the global economy. You will get down to the nuts and bolts of how prices, incomes and employment are determined, how resources are allocated and the determinants of growth, development, business cycles, employment, inflation and international trade.

Successful economic analysis is both an art, acquired gradually through practice, and a science, demanding theoretical and quantitative skills. You’ll find the study of both mathematics and statistics (econometrics) useful complements to our economics offerings. Econometrics is particularly important for an understanding and analysis of the data underlying so much of economics. Economics may be taken as a major or minor for a BA, BCom or as a minor or second major for a BSc. It is also an excellent complement to the study of social sciences, history and law as well as to the study of mathematics and statistics. You will get an education in rigorous analytical thinking, attractive to businesses and public sector organisations looking for graduates with a broad perspective on economy and society.

First-year courses

ECON 130 15 POINTS (1/3) (2/3) (3/3)
Microeconomic Principles
An introduction to economic principles and their application to issues facing households, businesses and government in the New Zealand economy and the international economic environment.

ECON 141 15 POINTS (1/3) (2/3)
Macroeconomic Principles
An introduction to macroeconomics, including fiscal and monetary policies, the international sector and analysis of income expenditure, IS–LM and aggregate demand–aggregate supply models.

200-level courses

ECON 201 Intermediate Microeconomics
ECON 202 Open-economy Macroeconomics
ECON 212 Macroeconomics: Growth, Stability and Crises
QUAN 201 Introduction to Econometrics
QUAN 203 Quantitative Methods for Economics and Finance

300-level courses

ECON 301 Econometrics
ECON 303 Applied Econometrics
ECON 305 Advanced Macroeconomics
ECON 307 Public Sector Economics
ECON 309 International Trade
ECON 314 Game Theory
ECON 333 Labour Economics
ECON 338 Monetary Economics
ECON 339 Information Economics
ECON 340 Environmental and Resource Economics
ECON 341 Public Choice and Social Welfare

ECON 350 Development Economics
ECON 361 Disasters and Economics Policy
FINA 304 Financial Econometrics
FINA 306 Financial Economics

Related subjects

Accounting, Actuarial Science, Finance, Law, Management, Marketing, Mathematics, Statistics

Careers

Roles in banking, business, financial markets, government, insurance, international agencies, multinational corporations and risk management. Job titles include economic analyst, economic forecaster, investment manager, policy analyst and statistical analyst.

EDUCATION

See page 55 for major requirements.

The mind is not a vessel to be filled, but a fire to be kindled, or so said the philosopher, Plutarch, over two thousand years ago. Some would argue that in many of today’s schools, the fires remain unlit. From a range of disciplinary perspectives, the study of Education explores not only how the desire for learning is kindled, but it also addresses the ‘big questions’ such as, ‘Does schooling promote equality or perpetuate social disadvantage? ’ ‘What sorts of values should young people learn from adults? ’ ‘What is the purpose of education for the young? ’ ‘How can education make a difference for marginalised or disadvantaged groups? ’

As our society’s central way of passing on knowledge, education has the power to shape every aspect of our future. The study of Education will give you transferable knowledge and understanding to make judgements about education and to analyse educational problems. Staff teach courses linked to their own research expertise in areas as diverse as youth studies, educational psychology, sociology of education, human development and behaviour, education policy and theory, philosophy of education, early childhood, Māori education, Pacific education and much more. You could even consider adding supporting courses in disciplines including Psychology, Sociology, Māori Studies, Pacific Studies, Development Studies or History for a well-rounded degree. There are many careers open to graduates with a BA (Education) major in areas such as child advocacy, family support, migrant and refugee services, community strategic planning, policy analysis, corrections and rehabilitation services and youth work.

Graduates will have a critical understanding of the relevant theories and perspectives on education and can progress to postgraduate study in Education.

First-year courses

EDUC 101 20 POINTS (2/3)
Education, Society and Culture
This interdisciplinary course is an introduction to the relationship between education, society and culture. It analyses the ways in which political and cultural beliefs influence children and young people’s experiences of education in multiple settings with particular focus on Aotearoa New Zealand and the Oceania region.

EDUC 115 15 POINTS (1/3)
The Discovery of Early Childhood
An introduction to the history and philosophies underpinning early childhood care and education in Europe, the United States and New Zealand from the eighteenth century to the present day.

Check www.victoria.ac.nz/courses for 200- and 300-level prerequisites.
EDUC 116 15 POINTS (1/3)
Understanding Young Children
An introduction to past and present theories of child development with a particular focus on understanding the theoretical context out of which contemporary understandings of how young children learn and develop have emerged.

EDUC 117 20 POINTS (3/3)
Motivation and Grit
Why do you do the things you do? Why are some activities more effective than others in trying to achieve goals? What is grit and how does it relate to motivation? This course will address all of these questions and will help students understand what affects people's motivation. This course is taught online.

EDUC 141 20 POINTS (1/3) (2/3)
Human Development and Learning
This course takes a lifespan approach to examining how people develop and learn from birth to death. It explores key milestones and changes in physical, cognitive, emotional and social development. It critically examines a range of factors and contexts that shape development and learning and key theories.

200-level courses
EDUC 215 The Early Years Debates
EDUC 221 Youth, Society and Education
EDUC 222 Educational Inquiry
EDUC 223 Education, Ethnicity and Culture
EDUC 224 Pacific Nations Education
EDUC 243 Learning and Motivation
EDUC 244 Issues in Child and Adolescent Development

Some courses are offered on campus and/or online.

300-level courses
EDUC 321 The Politics of Education
EDUC 322 Multi-ethnic Education
EDUC 323 Contemporary Issues in Indigenous Education Aotearoa
EDUC 341 Learning Environments
EDUC 342 Exceptional Learners: Special Education
EDUC 343 Youth and Life Challenges

Related subjects
Criminology, Languages and Cultures, Media Studies, Psychology, Social Policy, Sociology, Teaching

Careers
Roles in community education, government, human resources management, professional education, professional training and development, social work, youth work. Job titles include career adviser, development officer, education researcher, learning and development manager, policy analyst, researcher, teacher.

EDUCATIONAL PSYCHOLOGY
See page 55 for major requirements.

The interdisciplinary Education and Psychology major is best suited for students who are interested in combining the strengths of both subjects and for students who might want to continue with postgraduate study in Educational Psychology (or Psychology, with approval). In particular, a BA majoring in Education and Psychology will give you the foundational knowledge you need to work towards an exciting and rewarding career as an educational psychologist.

Educational psychologists are concerned with improving the learning of children and young people who are experiencing social, emotional or learning difficulties that cause problems within a range of educational settings. They use their knowledge of education and learning, and developmental, behavioural and cognitive psychology to help people in educational and community settings.

Educational psychologists can work within schools, classrooms, early childhood education settings or community services and can be employed in both the public and private sectors. They work with individual clients or groups, advising teachers, parents, social workers and other professionals. Educational psychologists use their knowledge of education and psychology and their skills in psycho-educational assessment, evaluation, mediation, counselling, intervention, coordination and referral skills to improve outcomes for all those involved in educational settings, including students, teachers and families/whānau.

Note: Students are not able to do a double major in Education and Psychology (EDPS) and Psychology (PSYC), or Education and Psychology (EDPS) and Education (EDUC).

Core first-year courses
EDUC 141 Human Development and Learning
PSYC 121 Introduction to Psychology 1 or
PSYC 122 Introduction to Psychology 2
STAT 193 Statistics in Practice

Recommended 200-level courses
EDUC 222 Educational Inquiry
EDUC 243 Learning and Motivation
EDUC 244 Issues in Child and Adolescent Development
PSYC 221 Social Psychology
PSYC 231 Cognitive Psychology
PSYC 232 Research Methods in Psychology
PSYC 233 Brain and Behaviour
PSYC 235 Abnormal Psychology

Recommended 300-level courses
EDUC 341 Learning Environments
EDUC 342 Exceptional Learners: Special Education
EDUC 343 Youth and Life Challenges
PSYC 325 Advanced Research Methods in Psychology

Other complementary courses include:
EDUC 101 Education, Society and Culture
PSYC 324 Child Development
PSYC 327 Cognitive and Behavioural Neuroscience
PSYC 332 Behaviour Analysis
PSYC 338 Cross-Cultural Psychology

Related subjects
Criminology, Cultural Anthropology, Sociology, Social Policy, Teaching

Careers
Clinical practitioner, counsellor, educational psychologist, researcher, teacher, youth worker
**ELECTRONIC AND COMPUTER SYSTEMS**

*See page 109 for major requirements.*

The Electronic and Computer Systems major of the BSc allows students to combine electronics or signal processing subjects with other disciplines within or outside of science. See Engineering for possible subject choices.

**ELECTRONIC AND COMPUTER SYSTEMS ENGINEERING**

*See page 86 for major requirements.*

See Engineering.

**ENGINEERING**

*See page 85 for degree requirements.*

Technology is constantly changing our world, providing new products and processes that enhance our lives. Engineering involves the practical application of scientific knowledge to the design and development of new technology.

BE(Hons) graduates understand this complex and fast-changing environment, and have the knowledge and skills to design, programme, implement and maintain complex computer systems and get things working.

These majors are offered for the BE(Hons): Cybersecurity Engineering, Electronic and Computer Systems Engineering and Software Engineering.

Cybersecurity Engineering gives graduates the means to protect computers, data, programs and networks from attack and unauthorised access. You will gain the practical, technical and theoretical knowledge you need to develop and build systems that protect from attacks by both people and machines.

Electronic and Computer Systems Engineering gives graduates the ability to develop electronic-based systems to solve real-world problems. These systems are not only based on their physical components, but often also on the signals flowing in the system and the embedded software that provides the system’s intelligence.

Software Engineering controls many aspects of the modern world, ranging from safety-critical (nuclear power plants, airlines and medical devices) to the everyday (Amazon and Google), including networks, mobile devices and next-generation interactive techniques. You will learn to build software systems, as an individual and in teams, which solve problems and are efficient, robust, reliable and usable.

**First-year courses**

**CYBR 171  15 POINTS (1/3)**

Cybersecurity Fundamentals

This course provides a general introduction to cybersecurity, including the ‘hacker mindset’, social engineering, ethics and practical exploits. Different techniques and concepts will be presented, and the course will discuss the importance and scope of cybersecurity using case studies to illustrate theory.

**ENGR 101  15 POINTS (1/3)**

Engineering Technology

This course provides a general introduction to the fundamental physical principles and technical concepts needed to understand the design and engineering of electronic, mechatronic, networked and software systems. Experience is gained in basic engineering workshop practice, with assembly and testing of basic hardware, software and networked systems and construction of a personal computer.

**ENGR 110  15 POINTS (2/3)**

Engineering Modelling and Design

This course introduces the role of modelling in the engineering design process. Different modelling techniques will be presented and techniques for evaluating each that can aid design decisions will be demonstrated. Practical work will support the learning of different modelling and simulation techniques.

(P) COMP 102 or 112 or ENGR 101.

**ENGR 111  15 POINTS (2/3)**

Introduction to Renewable Energy Systems

This course will provide a broad overview of the concepts of sustainable energy systems and insight into different disciplines that impact energy systems: engineering, natural sciences, social sciences, law, economics, public governance and business management. This knowledge will be applied to a project addressing a local sustainability challenge.

(P) COMP 102 or 112 or ENGR 101.

**ENGR 112  15 POINTS (1/3)**

Engineering Mathematics Foundations

An introduction to the range of mathematical techniques employed by engineers, including functions and calculus, linear algebra and vector geometry, probability and statistics. There is an emphasis on applications and modelling.

Entry requirement: 16 NCEA Level 3 credits in Mathematics, or successful completion of MATH 132 (or equivalent background).

(X) Any pair of MATH 141 or QUAN 111; MATH 151 or 161 or 177.

Acceptance into ENGR 112 is conditional on a minimum of D or better in Mathematics in the A level Cambridge International Examinations or a B or better in Mathematics in the AS level Cambridge International Examinations.

Acceptance into ENGR 112 is conditional on a minimum of 4 or better in Mathematics on the International Baccalaureate grade scale.

**ENGR 121  15 POINTS (2/3)**

Engineering Mathematics with Calculus

Further mathematical techniques employed by electronic and computer systems engineers, with emphasis on methods of calculus, differential equations and linear algebra. There is an emphasis on engineering applications and use of software.

(P) ENGR 121 or MATH 141; (X) the pair (MATH 142, 151).

**ENGR 122  15 POINTS (2/3)**

Engineering Mathematics and Logic and Statistics

This course introduces mathematical techniques employed by network and software engineers, including methods of combinatorics and logic, probability and decision theory. There is an emphasis on applications and developing effective learning.

(P) ENGR 121; (X) The pair MATH 101, (MATH 177 or QUAN 102 or STAT 193).
ENGR 141 15 POINTS (1/2)
Engineering Science
This course deals with scientific topics relevant to engineering. Topics will include forms and use of energy, basic electric circuits, introductory atomic theory, exploitation of chemical energy and chemical hazards. Students will obtain an appreciation for quantitative scientific reasoning and the role of fundamental physical laws in governing human energy use.

Entry requirement: Direct entry into ENGR 141 is conditional on 16 NCEA Level 3 achievement standard credits in Mathematics or equivalent.

ENGR 142 15 POINTS (2/3)
Engineering Physics for Electronics and Computer Systems
Physics theory and practice relevant to electronics and computer systems engineering. Topics covered will include electrostatics (charge, force, field, potential), magnetic field and force, DC and AC circuits, electromagnetic induction and other selected topics. Lectures, assignments and laboratory work will all focus on the application of physics to engineering situations.

Entry requirement: Direct entry into ENGR 142 is conditional on 18 NCEA Level 3 achievement standard credits in Physics, including:

- 3.4 Mechanical Systems (AS91524) and
- 3.6 Electrical Systems (AS91526) and either
- 3.3 Wave Systems (AS91523) or
- 3.1 Practical Investigation (AS91521)

and at least 12 NCEA Level 3 achievement standard credits in Mathematics, including:

- 3.6 differentiation (AS91578)
- 3.7 integration (AS91579).

Acceptance into ENGR 142 is conditional on a minimum of D or better in both Physics and Mathematics in the A level Cambridge International Examinations.

Acceptance into ENGR 142 is conditional on a minimum of 4 or better on the International Baccalaureate grade scale in both Physics and Mathematics.

200-level courses

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300-level courses

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<td>SWEN 434</td>
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* Subject to regulatory approval.

Check www.victoria.ac.nz/courses for 200- and 300-level prerequisites.
ENGLISH LITERATURE

See page 55 for major requirements.

Victoria University offers a BA with one of New Zealand’s widest ranges of courses in English Literature. Our courses take an equally wide range of approaches to the study of these texts, using both traditional and contemporary critical methods, placing them in a variety of literary, historical and cultural contexts.

Studying English Literature gives you access to one of the world’s richest cultural traditions. At the heart of all our courses are the skills of advanced reading and writing. We aim to help you to read with greater attention, appreciation and enjoyment, to express your responses and thinking with more precision and to discover the excitement and challenges of independent literary research.

Successful students of English Literature demonstrate skills in research, analysis, writing and oral presentation that are sought in both public and private sectors of the job market. They also often display intellectual curiosity, maturity and initiative that gives them an edge over other candidates.

Students of English Literature have a great deal of freedom in their choice of courses. For those who wish to develop specialist interests in greater depth, pathways through the major can be identified, including pre-twentieth century literature, modern and contemporary literature, literature of Aotearoa New Zealand and the Pacific and literary criticism.

Our English programme maintains close and productive associations with a range of other groups, from those within the Faculty such as the International Institute of Modern Letters and the Film, Theatre and Media Studies programmes, to external bodies such as the Alexander Turnbull Library and the National Archives.

First-year courses

ENGL 112 20 POINTS (1/3)
Cultural Encounters: The Literature of Aotearoa New Zealand and the Pacific

Much of the literature and theatre from, or about, Aotearoa New Zealand and the Pacific is concerned with the encounters occurring within and between the region’s various cultures. In this introductory course, attention will be paid to the part that written, spoken and performed narratives play in representing, and even shaping, such encounters. Students will be introduced to a range of concepts and will gain skills in criticism and academic writing.

ENGL 114 20 POINTS (2/3)
Introduction to Literary Form

An introduction to literary form, or genre, in written text, performance and film, focusing on the conventions of romance, the gothic and detective fiction. Consideration will be given to such concepts as writing and the imagination, reading as detection, disorder and reordering and the themes of love and justice.
200-level sample courses
CHEM 225 Analytical Chemistry
ESCI 203 Earth Structure and Deformation
GEOG 220 Hydrology and Climate
MATH 211 Foundations of Algebra, Analysis and Topology
PHYS 223 Classical Physics

300-level core courses
ENSC 301 Topics in Environmental Science
ENSC 302/303 Directed Individual Study

ENVIRONMENTAL STUDIES
See page 109 for major requirements.

If your interests in the natural world are diverse, and your passions for them are strong, a major in Environmental Studies is for you. You can study a range of topics from Antarctica to urban land use.

The major in Environmental Studies is a broad umbrella under which you can study almost anything to do with the environment, from a scientific, social, cultural or economic perspective. You can bring together courses from a range of disciplines to create a degree that is unique.

100-level core course
GEOG 114 15 POINTS (1/3)
Environment and Resources: The Foundations
An introduction to environmental and resource studies from the perspective of the geographical sciences. The course provides an understanding of the key concepts and processes in the formation and management of the environment and natural resources, and explains key issues and approaches to solving them.

Other 100-level required courses
ESCI 111 The Earth System: An Introduction to Physical Geography and Earth Sciences
GEOG 112 Introduction to Human Geography and Development Studies
STAT 193 Statistics in Practice

200-level core course
GEOG 214 Environment and Resources: New Zealand Perspectives

200-level required theory-based and practice-based courses
Choose one of each from a list of possible courses. See www.victoria.ac.nz/bsc-requirements for details.

300-level core course
GEOG 314 Advanced Environment and Resources: Global Issues

300-level required theory-based and practice-based courses
Choose one of each from a list of possible courses. See www.victoria.ac.nz/bsc for details.

Related subjects
Applied Physics, Biology, Development Studies, Ecology and Biodiversity, Economics, Geography, Geology, Landscape Architecture, Law, Marine Biology, Public Policy, Teaching

Careers
Roles in conservation, energy sector, occupational safety and health, regional councils, resource development and the Ministry for the Environment. Job titles include environmental scientist, planner, policy analyst, project manager, research analyst, resource manager, teacher.

FASHION DESIGN TECHNOLOGY*
See page 77 for major requirements.

Discover how fashion is used to tell stories and how garments are being designed and constructed for the needs of the twenty-first century.

Fashion design is entering a new era. This shift is being driven by technological advances such as smart textiles, digital fabrication, embedded electronics and intelligent, networked wearables. From lifestyle applications to medical uses, clothing can improve people's lives, both environmentally and socially.

Students taking our Fashion Design Technology major will closely study the human body, pattern making and the design and construction of garments. They will also learn about the history of fashion, explore ethical production practices and sustainability and the evolving cultural trends and cutting-edge applications in fashion design.

Within the Fashion Design Technology major, students can choose to specialise in Costume Technology and Wearable Technology.

* Subject to regulatory approval.

Courses
See Design (page 133) for BDI courses, course descriptions and points values.

Related subjects

Careers
Fashion Design Technology* provides a strong base for any career in fashion, including generative textiles, interaction design for healthcare and wearable technology. Graduates will be well prepared for roles such as concept artist, costume designer, creative director-fashion, fashion designer, fashion editor, retail merchandiser, textile designer, wardrobe stylist and wearable technology expert.

* Subject to regulatory approval.

FILM
See page 55 for major requirements.

Film is a dynamic art form that entertains, educates and influences us. Based in the Faculty of Humanities and Social Sciences, the Film programme encourages the development of critical thought and creative activity. Staff and students draw on their research expertise to explore the aesthetic, cultural, historical, industrial, practical and technological dimensions of cinema and related art forms. The BA major in Film will develop your critical, creative and communication skills.

* Subject to regulatory approval.
You can take courses on international and New Zealand film. You can also learn about the craft of filmmaking in one of our limited-entry production courses. These will help prepare you for future opportunities in areas such as the media, education, creative industries and postgraduate study. Our 100-level courses introduce you to the different practices of film interpretation, as well as the history and diversity of cinema. Our advanced courses involve the detailed study of Aotearoa New Zealand, Hollywood, Pacific, European and South American cinema. We also teach courses on specific genres, film production, animation, 3D cinema, film's relationship to other media, and cinema's industrial and institutional contexts.

First-year courses

**FILM 101** 20 POINTS (1/3)  
Introduction to Film Analysis  
This course examines how cinema creates meaning through formal elements such as narrative, mise-en-scène, cinematography, sound and editing. It introduces students to key concepts and terms in Film Studies. It develops their textual analysis skills and explores different practices of interpretation.

**FILM 102** 20 POINTS (2/3)  
Film Movements and Contexts  
This course involves a critical exploration of several important stages in the history of cinema. These periods will be examined within a range of artistic, cultural, historical, material and/or theoretical contexts.

(×) **FILM 231**

200-level courses

**FILM 201** Critical Approaches to Film Studies  
**FILM 202** Cinema of Aotearoa New Zealand  
**FILM 203** Film Cultures A  
**FILM 204** Film Histories  
**FILM 205** Film Genre  
**FILM 206** Hollywood Cinema  
**FILM 210** Introduction to Film Production

300-level courses

**FILM 301** Current Issues in Film Studies  
**FILM 302** Cinema and Representation  
**FILM 303** Pacific Cinema  
**FILM 304** Film Cultures B  
**FILM 305** Cinemedia  
**FILM 306** The Art of Film  
**FILM 307** Film Institutions, Industries and Cultures  
**FILM 308** Contemporary Debates in Cinema of Aotearoa New Zealand  
**FILM 310** Short Film Production  
**FILM 311** Documentary Film Production

Related subjects

English Literature, History, Media Studies, Modern Language Studies, Music, Theatre

Careers

Arts administrator, film and video technician, film archivist, film distributor, film editor, film/television producer, journalist, publicist, production manager, promo director, reviewer, teacher

FINANCE

See page 70 for major requirements.

If you want a rock-solid foundation in portfolio selection, financial decision-making and the behaviour of financial markets, you should study Finance. You will learn the current perspectives on modern business finance, and how to use that information wisely.

Finance covers all aspects of high finance: investments, futures, capital assets. It's a total package designed to prepare you for work in small business, big corporations or in the public sector institutions where financial policy is made. You can take Finance as a major or minor for a BCom, or as a minor or second major for a BA or BSc. Whatever you choose, you'll know that with Finance you've got an education in the financial fundamentals of business.

First-year course

**FINA 101** 15 POINTS (2/3)  
Finance for Business  
An introduction to the principles of finance and their application to issues facing businesses and individual investors.

200-level courses

**FINA 201** Introduction to Corporate Finance  
**FINA 202** Introduction to Investments  
**FINA 211** Corporate Finance for Accounting and Business  
**QUAN 203** Quantitative Methods for Economics and Finance

300-level courses

**FINA 301** Corporate Finance  
**FINA 302** International Corporate Finance  
**FINA 303** Derivatives  
**FINA 304** Financial Econometrics  
**FINA 305** Investments  
**FINA 306** Financial Economics  
**FINA 307** Risk Management and Insurance

Related subjects

Accounting, Actuarial Science, Commercial Law, Econometrics, Economics, Law, Management, Mathematics, Statistics

Careers

Roles in banking, foreign exchange, government, insurance, journalism, communications, local authorities. Job titles include economic forecaster, financial adviser, financial analyst, financial planner, investigations officer, investment consultant, portfolio manager, risk analyst, security analyst, sharebroker, treasury analyst.

FRENCH

See page 55 for major requirements.

French is used by some 200 million people as their first language or for daily communication. As an official language of the Pacific region, one of six working languages of the United Nations and its subsidiaries, and within the European Union, it opens many career choices. New Zealand has numerous trade connections with French-speaking countries.

French combines well with other subjects; for example, with Law as part of a conjoint BA/LLB, or in double majors or degrees with Art History, Development Studies, International Relations, Media
Studies, Music, Psychology, Tourism and others. French can also be taken as a minor.

Exchanges with French universities are encouraged, especially under the arrangements for FHSS 210 and FHSS 310; students may also apply for teaching assistantships in France and the French Pacific. We can supervise many topics for MA and PhD, including literary translation, francophone writing, late nineteenth-century writing, French culture and the French in New Zealand.

First-year courses

FREN 101 20 POINTS (1/3)
French Language 1A
An intensive course designed for beginners and those with little prior knowledge of French, covering all four skills: reading, writing, listening, speaking. On completing this course, students have knowledge of basic French grammar and vocabulary, equivalent to proficiency level A1 in the Common European Framework, or to NCEA Level 1. 

(X) FREN 112 or more than 14 credits at NCEA Level 2 or equivalent as determined by the programme director.

FREN 102 20 POINTS (2/3)
French Language 1B
An intensive course that continues work done in FREN 101 in all four language skills: reading, writing, listening, speaking. On completing this course, students have elementary knowledge of basic French grammar and understand a range of vocabulary approximately equivalent to level A2 in the Common European Framework, or to NCEA Level 2 or NCEA Level 3 credits with Merit or Excellence.

(P) FREN 101 or more than 14 credits at NCEA Level 2 or NCEA Level 3 with fewer than 14 credits at Merit or Excellence combined; 
(X) FREN 113.

FREN 104 20 POINTS
French Society and Culture
Not offered in 2019.

200-level core course

SACS 202  Gender and Sexuality Studies: Key Thinkers and Perspectives

200-level courses

FREN 201  French Language 2A
FREN 202  French Language 2B
FHSS 210  Language Study Abroad
LANG 201  Capital Cities: Their Cultures and Stories

300-level courses

FREN 301  French Language 3A
FREN 302  French Language 3B
FREN 331  19th and 20th-Century French Literature
FREN 332  20th-Century French World Literature
FREN 333  17th and 18th-Century French Literature
FHSS 310  Study Abroad for Language Students

Related subjects


Careers

Roles in diplomacy, education, government, international agencies, international business, journalism, marketing, media, policy analysis, tourism, translation, interpreting.

GENDER AND SEXUALITY STUDIES

Gender and Sexuality Studies is available as an interdisciplinary minor, drawing on a broad range of theoretical and methodological perspectives. It covers a variety of topics including sex, gender and sexuality; gender, language and storytelling; sexual violence and crime; media, cinema and representation; race, gender and development; feminist theory; and human reproduction and family life. Students who include a minor in Gender and Sexuality Studies within their Bachelor's degree will gain skills for work in a range of organisations including government, policy, NGOs, law, education, health, social services and other professional work.

GEOPGRAPHY

See pages 55 or 110 for major requirements.

Geography involves questions about where we live, who we are, what we do and how people and places interact. It explores why parts of the world differ and how people's relationships with places and environments create different spatial patterns, resource uses and power struggles. It brings critical insights into key issues facing the world today such as urbanisation, climate change, migration, globalisation, gender inequality, indigenous rights and multiculturalism.

Your study can follow one of five themes: Environmental Geography, Development Geography, Human Geography, Physical Geography or Geographic Information Science. A major in Geography provides you with opportunities to integrate all themes. It also includes skills and techniques, particularly in the visualisation of geographic information, research design and field methods. All these skills are in high demand from employers. You can take Geography as a major in a BA or a BSc.

First-year courses are also core courses for majors in Development Studies and Environmental Studies.

First-year courses

ESCI 111 15 POINTS (1/3)
The Earth System: An Introduction to Physical Geography and Earth Sciences
The course focuses on the physical processes that have shaped the Earth from its birth during the formation of the solar system, through geological time, to the contemporary landscape. A one-day field trip takes advantage of Wellington's dynamic landscape to observe and describe active Earth-surface processes.

GEOG 112 15 POINTS (2/3)
An Introduction to Human Geography and Development Studies
This course introduces the main themes, concepts and topics in human geography and development studies drawing on lecturers' current research and case studies from the world's main regions.

GEOG 114 15 POINTS (1/3)
Environment and Resources: The Foundations
The course integrates the physical, social, economic and political factors associated with environmental change. Students gain the foundations for understanding and analysing the complexity of contemporary environmental issues.

Check www.victoria.ac.nz/courses for 200- and 300-level prerequisites.
STAT 193  15 POINTS (1/3) (2/3) (3/3)
Statistics in Practice
An applied statistics course for students who will be advancing
in other disciplines as well as those majoring in Statistics. Topics
covered include estimation and comparison of means and
proportions, simple regression and correlation and analysis of
variance. It is particularly suitable for students majoring in Biological
Science subjects, Geography, Linguistics, Psychology and social
sciences such as Education.

200-level core courses
GEOG 215 Introduction to Geographic Information Systems
and Science
GEOG 217 Human Geography: Approaching our World
and one of:
GEOG 212 Worlds of Development
GEOG 214 Environment and Resources: New Zealand
Perspectives
GEOG 216 Urban Geography
GEOG 222 Ecology and Environment

200-level GEOG elective courses
GEOG 220 Hydrology and Climate
GEOG 224 Geomorphology
or one of the above, not previously taken as a core course.

300-level core courses
GEOG 342 Research Design
GEOG 345 Field Methods
and at least one of:
GEOG 332 Race, Gender and Development
GEOG 333 Geographies of New Zealand
GEOG 334 Advanced Environment and Resources: Global
Issues
GEOG 335 Advanced Geographical Information Systems
(GIS)
GEOG 336 Geographies of Globalisation
GEOG 330 Population and Migration

300-level GEOG elective courses
GEOG 318 Quaternary Environmental Change
GEOG 319 Applied Geomorphology
GEOG 321 Ice and Climate
and/or one of the above, not previously taken as a core course.

Related subjects
Cultural Anthropology, Architecture, Asian Studies, Biology,
Criminology, Design, Development Studies, Environmental Science,
Environmental Studies, Geology, History, International Relations,
Law, Māori Studies, Pacific Studies, Political Science, Psychology,
Sociology, Tourism Management

Careers
Policy analyst, researcher, teacher, project manager, resource
developer, planner, journalist, related positions in government
ministries, city and regional councils, Crown research institutes, non-
governmental organisations and charities, consulting companies and
schools

GEOLOGY
See page 110 for major requirements.
Earthquakes, mountain building, volcanic eruptions, dinosaurs,
climate change and the origin and evolution of life: all in a day's work
for the geologist. Wellington is a natural laboratory for geologists.
You can study tectonic plate shifts in a city that is built between two
active faults on a major plate boundary.

Antarctica, the conservation and use of natural resources, the
evaluation of natural hazards and the social and environmental
effects of global change can also be studied as part of this BSc
major. Both science and non-science students will find value in the
100-level ESCI courses.

Geology is about the fundamentals of our world. Graduates acquire
the techniques and the problem-solving abilities, the confidence and
the leadership skills to embark upon careers in a diverse range of
industries.

First-year courses
ESCI 111  15 POINTS (1/3)
The Earth System: An Introduction to Physical Geography and
Earth Sciences
An introduction to fundamental concepts in physical geography and
earth sciences. The physical processes that shape and have shaped
the Earth are the focus of this course. An important emphasis is
on human interaction with the environment. This course provides
fundamental knowledge for understanding our environment and
a platform for further study. Field work in the Wellington area is
included.

ESCI 112  15 POINTS (2/3)
Fundamentals of Geology
An introduction to geology, Earth and planetary history, rock-forming
processes and geological time through the study of minerals, fossils,
rocks and geological maps.

ESCI 132  15 POINTS (2/3)
Antarctica: Unfreezing the Continent
A broad introduction to Antarctica, including its history, exploration,
weather, geology, fauna and management. Its role in the global
climate system is emphasised. This course is primarily designed for
non-science majors.

200-level courses
ESCI 201 Climate Change and New Zealand's Future
ESCI 202 Sedimentology and Palaeontology
ESCI 203 Earth Structure and Deformation
ESCI 204 Petrology and Microscopy
ESCI 241 Introductory Field Geology

300-level courses
ESCI 301 Global Change: Earth Processes and History
ESCI 302 Tectonics and Structural Geology
ESCI 303 Petrology and Geochemistry
ESCI 304 Petroleum Geology
ESCI 305 Exploration Geophysics
ESCI 341 Sedimentary Field Geology
ESCI 342 Structural Field Geology
ESCI 343 Volcanic Field Geology
ESCI 344 Field Geophysics
Related subjects
Applied Physics, Chemistry, Ecology and Biodiversity, Environmental Science, Environmental Studies, Geography, Geophysics, Mathematics, Physics, Statistics

Careers
Roles in conservation, Crown research institutes, government, mineral exploration. Job titles include adviser, geologist, minerals technician, research assistant, researcher, resource manager, resource planner, risk manager, seismologist.

GEOPHYSICS
See page 110 for major requirements.
Geophysics offers the chance to combine a love of the outdoors with expertise in mathematics and physics to explore the atmosphere around us and the ground beneath our feet. Geophysicists work at understanding some of the biggest and most exciting physical phenomena we know—things like earthquakes, volcanoes, mountain building, the Earth's magnetism, gravity and the deep structure of New Zealand.

You can specialise in two areas: up in the sky with Meteorology, the science of weather; or down inside the Earth studying Solid Earth Geophysics.

Geophysics is a BSc major where you'll use mathematical techniques to understand natural forces and to probe the Earth's interior and atmosphere.

300-level courses
ESCI 305 Exploration Geophysics
ESCI 344 Field Geophysics
MATH 322 Applied Mathematics II
MATH 323 Mathematics for Earth Sciences

Related subjects
Applied Physics, Environmental Science, Geography, Geology, Mathematics, Physics, Statistics

Careers
Roles in conservation, Crown research institutes, government, mineral exploration. Job titles include adviser, geologist, minerals technician, research assistant, researcher, resource manager, resource planner, risk manager, seismologist.

GERMAN
See page 55 for major requirements.
Knowing German will set you apart and open up exciting opportunities for both study and employment. German can be meaningfully combined with any other subject. Cooperation between New Zealand and Germany in science, business, politics and the arts means that German will open doors for you in almost any field.

You can major in German or take German courses as electives. We teach the German language from beginner to advanced levels. We also offer courses in cultural topics, including literature and film, at both undergraduate and postgraduate level.

The School of Languages and Cultures has strong links with universities in German-speaking countries and provides students with opportunities to study and work abroad through exchange programmes and generous scholarships. Teaching staff have wide-ranging research interests in German language and culture, and we have established links with international research networks in many areas, including German literature, memory studies and exile research.

First-year courses
GERM 103  20 POINTS (1/3)
Introduction to the German Language
A language course for complete beginners. It introduces students to the basics of the German language in speaking, listening, writing and reading through a communicative approach. This course is for absolute beginners. It may not be taken by students with prior knowledge of the language.

(X) Prior knowledge as determined by the course coordinator.

GERM 104  20 POINTS (2/3)
Elementary German
This course builds on the skills acquired in GERM 103. It aims to further develop students' knowledge and understanding of the German language in an interactive way.

(𝑃) GERM 103 or equivalent.

200-level courses
GERM 214 Topics in German Culture 2
GERM 217 German Language 2A
GERM 218 German Language 2B
FHSS 210 Language Study Abroad
LANG 201 Capital Cities: Their Cultures and Stories

300-level courses
GERM 314 Topics in German Culture 3
GERM 315 German Language 3A
GERM 316 German Language 3B
GERM 320 German Language 3C
GERM 321 German Language 3D
FHSS 310 Study Abroad for Language Students

Related subjects

Careers
Roles in diplomacy, education, government, international agencies, international business, journalism, libraries, media, music, operations, tourism, translation, interpreting.

GREEK
See page 55 for major requirements.
See Classical Studies.

HEALTH
Health Informatics
Health informatics is the application of information technology to the business of healthcare. The aim is to improve healthcare through the effective management and utilisation of health information, data and systems, and to use the knowledge gained to solve problems and make decisions about healthcare and services. All of this leads to a more affordable, flexible health system and better health outcomes for people.
The Health Informatics major combines the study of technology and information systems and considers how and when data is stored and kept confidential, how it is read and translated and what to do with the information the data contains. Health informatics can be applied to a range of areas, including electronic health records, telemedicine, healthcare standards and health ethics.

Graduates will have opportunities to work in health information management and health information technology development for employers such as district health boards, central health agencies and the private sector. There is also a range of postgraduate study options, including the BCom(Hons) in Information Systems and the Master of Information Management.

Health Promotion
Do you want to use your skills to advocate for others? Do you want to develop action plans that increase equity within populations and help people to improve their health and wellbeing? The Health Promotion major is designed to create work-ready graduates who understand health issues and can design and implement promotion initiatives to combat these.

Health promotion plays an essential role in society, assisting with the delivery of information about health and health-related topics, with the ultimate goal of improving the health of individuals and populations. This major will introduce you to the range of factors that influence the health of people and develop skills in health communication and programme design. You will learn about the needs of different groups and how health promotion initiatives are tailored for these groups. Graduates may go on to work as health promotion practitioners, including in Māori and Pasifika community organisations. From 2019, there will be new postgraduate study options at the School of Health.

If you are passionate about influencing the health choices of our communities and you are a good communicator, then this subject is the right choice for you.

Health Psychology
Health psychologists examine how people deal with illness and stress by looking at life factors and behavioural patterns. They study the interplay between biology and psychology and the impact these factors have on health, wellbeing and illness. Health psychologists work with people to discover why some don't follow medical advice or take care of their own health, and help people to make choices that have a positive impact on their health and on the wellbeing of their families. Health Psychology can be applied in many settings, including private practices, hospitals, government agencies and in areas such as pain management, rehabilitation and smoking cessation. This results in better outcomes not just for the person but for healthcare systems and the community as well.

This major gives students a grounding in psychology and health and wellbeing knowledge, and prepares graduates to go on to postgraduate study in psychology or into job areas such as health promotion, health education or community work.

Health Software Development
Do you want to learn how to develop software and put it to use in the health sector? In the Health Software Development major, you will study core courses in which you will learn about health and wellbeing and the health needs of populations. Alongside this, you will take a number of Computer Science and Software Engineering courses, enabling you to consider the application of software development to solve problems and meet needs within the health system. You'll learn how to programme, test and fix bugs to create effective new software to help solve problems and make improvements to existing health information systems. Be involved in developing tools that are used in public or private healthcare organisations. Build valuable skills and be prepared for a career in a rapidly changing and expanding digital industry.

You'll graduate with skills and expertise that can be used in careers as diverse as software engineering, program development, test and quality assurance, technical consultancy, project management and business analysis. There are several postgraduate study options, including the Master of Software Development.

Population Health, Policy and Service Delivery
When it comes to developing health policy and planning health services, it is essential that we know about the current health needs of our communities. Populations are commonly defined by geography, but can take the form of other groups, such as ethnic groups, people with disabilities or children. The study of Population Health looks at the various factors that influence the health of different populations over the life span, explores measures of health outcomes and examines the application of this knowledge to develop actions or policies that will lead to real and lasting improvements for the health and wellbeing of communities.

The Population Health, Policy and Service Delivery major will introduce you to the health system and services in New Zealand, including health and public policy and health management, and will teach you how to evaluate the determinants of health in different people.

When you graduate, your knowledge of the major public health challenges facing communities now and into the future will be useful in careers such as health education, research, policy development, project management, health administration, advocacy and international health development. From 2019, there will be new postgraduate study options at the School of Health, or you could proceed to a Master of Public Policy in the School of Government.

First-year courses

**HLWB 101**  
15 POINTS (1/3)  
**Introduction to Health and Wellbeing 1**  
This course will introduce students to ways of understanding health and wellbeing in the individual. It will focus on cultural, political and creative factors that shape the maintenance of, or alternatively, the threats to, health and wellbeing.

**HLWB 102**  
15 POINTS (2/3)  
**Introduction to Health and Wellbeing 2**  
This course will introduce students to ways of understanding health and wellbeing in communities and populations. It will explore factors that influence the health and wellbeing of communities and populations and how the health and wellbeing of communities and populations can be improved.

**HLWB 103**  
15 POINTS (1/3)  
**Introduction to Human Biology**  
This course introduces basic human biology in terms of normal anatomy, physiology and genetics. The responses of human biology to health and wellbeing, injury and common illnesses will be explored.
HLWB 104 15 POINTS (2/3)
Introduction to Health Policy and Services
This course provides an overview of health policy and the challenges health systems face in seeking to meet health needs equitably, efficiently and sustainably. It will explore the changes implemented by government in the past few decades to draw out key economic and policy concepts. Students will be introduced to the contexts in which health policy is formed, the actors involved in policymaking and the processes associated with developing and implementing health policy.

HLWB 105 15 POINTS (2/3)
Psychological and Physical Wellbeing
An introduction to the field of health psychology, with a focus on the key theories, research and approaches that have been used to understand and influence people’s health, illness and wellbeing.

COMP 102 15 POINTS (1/3)
Introduction to Computer Program Design
This course introduces the fundamentals of programming in a high-level programming language (Java), using an object-oriented approach to program design. Students develop their programming skills by constructing computer programs for a variety of applications. The course provides a foundation for all later courses in computer science, and develops programming skills useful for students in many other disciplines.

COMP 103 15 POINTS (2/3)
Introduction to Data Structures and Algorithms
This course builds on COMP 102, focusing on the techniques for designing, building and analysing computer programs that deal with large collections of data. The course addresses techniques for programming with collections of data, and the data structures and algorithms needed to implement these collections. The course expands programming skills and provides an understanding of the principles of data abstraction, algorithm design and the analysis of algorithms fundamental to computer science.

(P) COMP 112 or B– or higher in COMP 102.

COMP 112 15 POINTS (1/3)
Introduction to Computer Science
This course introduces a range of important concepts and topics across Computer Science, Software Engineering and Network Engineering. Students will also gain a solid foundation of programming skills in object-oriented programming. The course is an entry point to the BE(Hons) and BSc in Computer Science for students who already have basic programming skills.

Entry requirement: 14 AS Level 3 NCEA credits in Digital Technology, including 6 credits in Computer Programming, or COMP 102, or INFO 102 or equivalent programming experience.

EDUC 141 20 POINTS (1/3) (2/3)
Human Development and Learning
This course takes a lifespan approach to examining how people develop and learn from birth to death. It explores key milestones and changes in physical, cognitive, emotional and social development. It critically examines a range of factors and contexts that shape development and learning and key theories.

FCOM 111 15 POINTS (1/3) (2/3)
Government, Law and Business
An introduction to the governmental and legal context within which business operates in New Zealand. This course is intended to give students a broad awareness of the law-making process and the general operation of the legal system, the role of public policy and the ethical and legal responsibilities in organisations and societies.

INFO 101 15 POINTS (1/3) (2/3)
Foundations of Information Systems
An examination of the role of information systems in the business operations, managerial decision-making and strategy of modern organisations. The course introduces the fundamental concepts of computer-based information systems acquisition and use.

INFO 151 15 POINTS (1/3) (2/3)
Databases
This course introduces the principles of databases: definition, design, access and implementation. It shows how databases support modern data processing systems. Students will be able to create a database model for a business solution, implement a database from that data model and use a query language such as SQL to access data.

PSYC 121 15 POINTS (1/3)
Introduction to Psychology 1
An introduction to methods of research in psychology, social processes, individual differences, abnormal behaviour, human development and language.

PSYC 122 15 POINTS (2/3)
Introduction to Psychology 2
An introduction to the biological basis of behaviour, psychophysics, perception, attention, learning, memory and applied psychology.

PUBL 113 20 POINTS (1/3)
Social and Public Policy: Values and Change
This course focuses on the values and ideologies that underpin social policy and public policy in New Zealand. The course will examine the economic, political and institutional arrangements within New Zealand that impact on policy development and implementation.

QUAN 102 15 POINTS (1/3) (2/3) (3/3)
Statistics for Business
An introduction to techniques useful in business research or practice. Topics include sampling, graphs and diagrams, measures of location and dispersion, correlation and simple regression, probability, estimation and hypothesis testing.

STAT 193 15 POINTS (1/3) (2/3) (3/3)
Statistics in Practice
An applied statistics course for students who will be advancing in other disciplines as well as those majoring in Statistics. Topics covered include estimation and comparison of means and proportions, simple regression and correlation, and analysis of variance. It is particularly suitable for students majoring in Geography, Health, Linguistics and Psychology, in biological science subjects and in social sciences (such as Education).

200-level courses
HLWB 201 Advanced Health and Wellbeing 1
HLWB 202 Advanced Health and Wellbeing 2
HLWB 203 Health Evaluation and Epidemiology
HLWB 204 Advanced Health Policy and Services
HLWB 205 Theory and Research in Health Psychology
HLWB 206 Introduction to Health Promotion
HLWB 207 Principles of Health and Safety Management
HLWB 208 Disability and Ageing

300-level courses
HLWB 301 Research and Enquiry in Health
HLWB 302 Health Internship
HLWB 303 Advanced Health Statistics and Epidemiology
HLWB 304 Contemporary Issues in Health and Social Services
HLWB 305 Health Psychology Applications and Interventions
HIST 201 Medieval and Early Modern Europe, 1000–1650
HIST 202 Radicals and Revolutionaries in Britain
HIST 203 Māori Historical Methods: Whakapapa, Mōteatea, Manuscripts and Treaty Settlements
HIST 208 Mobilising the Masses: Propaganda in Europe in the Age of Catastrophe
HIST 215 Revolutionary Nation: Creating the United States, 1776–1890
HIST 217 USA and Global Power, 1890 to present
HIST 219 Pacific Histories: Environments, Peoples and Empires
HIST 222 Australian History

Related subjects

Careers
Health educator, health information manager, health IT developer, health manager, health policy analyst, health promotion practitioner, health researcher, health service designer, health software designer, Māori or Pasifika health promoter

HEALTH INFORMATICS
See page 92 for major requirements.
See Health.

HEALTH PROMOTION
See page 92 for major requirements.
See Health.

HEALTH PSYCHOLOGY
See page 92 for major requirements.
See Health.

HEALTH SOFTWARE DEVELOPMENT
See page 92 for major requirements.
See Health.

HISTORY
See page 55 for major requirements.

We’ve all heard the saying that to understand the present you need to know the past. By looking at what’s gone before, history is the study of what’s happening now. What’s a Waitangi Tribunal claim without the Treaty of Waitangi? What’s the fall of the Berlin Wall without the rise? By studying the past you’ll open up your future. Where better to study history than in Wellington, capital city location of the nation’s major research resources.

History takes you to different places, times and peoples. It’s about understanding that who we are and what we believe has been shaped and influenced by our past. Within this framework you’ll learn about the histories of New Zealand, Asia, Europe and the Americas, as well as the Pacific region and Australia. You’ll get the opportunity to pursue your interests in a diverse range of subjects, such as the rise of the United States to superpower status; the histories of race and racisms, of slavery and of human rights; of colonialisms and nationalism; and the role of the media, especially film, in the creation and representation of history.

First-year courses

HIST 111 Colonial Encounters: Pacific Experiences
Not offered in 2019.

HIST 112 Islands and Peoples: Aotearoa New Zealand in World History
New Zealand’s peoples occupy one of the most remote parts of the world. As an island people, their history has been one of constant connection and innovation. Surveying the dynamic movements that made Aotearoa New Zealand a destination for peoples from Polynesia and, later, Britain and other parts of the globe, students will explore what cultures, conflicts and identities were formed in the islands of Aotearoa. Covering the period from the beginnings of human habitation to the present, the course brings the latest discoveries to the lecture room and encourages students’ own research endeavours.

HIST 117 Revolutions, Empires and Peoples: The Americas, 1600–1965
This course puts the early United States and Canada in the broad historical context of Empires in the Americas and indigenous societies. Topics may include: Inca and Aztec Empires; Columbus and the Spanish American Empire; Salem Witchcraft Trials; Missionaries on the Imperial Frontier; Slave Trades and Plantation Slavery; Convict Trades; the American Revolution; the Haitian Revolution; the Cherokee Trail of Tears; the Formation and Dismemberment of Mexico; Canadian Rebellions; the US Civil War; Post-Civil War Reconstruction and Segregation; George Custer, Sitting Bull and Little Bighorn; and the US Overthrow of the Hawaiian Kingdom.

HIST 118 The Birth of Modern Europe
Not offered in 2019.

HIST 121 World War One and its Legacies
World War One broke apart empires and families and fostered political, social and technological revolution. Using empire, nation, community, family and individuals as frames, this global history of World War One examines the complex facets of the conflict. What were the technologies and political formations that made such a war possible? How can we investigate the experiences of families, children, ‘enemy aliens’, the disabled and soldiers from colonised communities? What is the connection between this war and the rise of nationalist movements and claims for decolonisation or political equality around the world?

200-level courses

HIST 201 Medieval and Early Modern Europe, 1000–1650
HIST 202 Radicals and Revolutionaries in Britain
HIST 203 Māori Historical Methods: Whakapapa, Mōteatea, Manuscripts and Treaty Settlements
HIST 208 Mobilising the Masses: Propaganda in Europe in the Age of Catastrophe
HIST 215 Revolutionary Nation: Creating the United States, 1776–1890
HIST 217 USA and Global Power, 1890 to present
HIST 219 Pacific Histories: Environments, Peoples and Empires
HIST 222 Australian History
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<th>Course Code</th>
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<td>HIST 227</td>
<td>Māori and Pākehā in the Nineteenth Century World</td>
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<td>HIST 230</td>
<td>Gandhi, India and the World</td>
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<td>HIST 232</td>
<td>The Worlds of Christopher Columbus</td>
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<td>HIST 236</td>
<td>Race and Racism in Modern European History</td>
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<td>HIST 238</td>
<td>From Fascism to Forza Italia: A Cultural History of Italy, 1922–2000</td>
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<td>HIST 245</td>
<td>Peoples of the Soviet Empire</td>
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<td>HIST 248</td>
<td>History of the German-Speaking Peoples</td>
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<td>HIST 249</td>
<td>New Zealand Political History</td>
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<td>HIST 250</td>
<td>The Terrible Wonder of Modernity: The World Re-made, c1880s–1930s</td>
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**300-level courses**

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<th>Course Code</th>
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<tr>
<td>HIST 301</td>
<td>Early Modern Science: Possessing Nature’s Secrets</td>
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<td>HIST 302</td>
<td>Contesting Colonialism: The British Empire and the Settler Colonies</td>
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<td>HIST 312</td>
<td>Working Lives in New Zealand</td>
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<td>HIST 315</td>
<td>Media and the Modern USA: From Watergate to Obama Nation</td>
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<tr>
<td>HIST 316</td>
<td>New Zealand Social History</td>
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<tr>
<td>HIST 317</td>
<td>New Zealand History</td>
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<tr>
<td>HIST 321</td>
<td>International History: The Cold War World, 1945–1991</td>
</tr>
<tr>
<td>HIST 323</td>
<td>Ngā Tuhinga a Ngā Tūpuna: Māori Text and Context in 19th Century World</td>
</tr>
<tr>
<td>HIST 331</td>
<td>The Transatlantic Slave Trade</td>
</tr>
<tr>
<td>HIST 332</td>
<td>The Holocaust and Genocide</td>
</tr>
<tr>
<td>HIST 334</td>
<td>World War One: Social and Cultural Perspectives on 1914–1918</td>
</tr>
<tr>
<td>HIST 336</td>
<td>The Pacific Islands after 1945</td>
</tr>
<tr>
<td>HIST 338</td>
<td>Prelude to Peace: Displaced Persons and Refugees in Post-war Europe</td>
</tr>
<tr>
<td>HIST 339</td>
<td>History on Film/Film on History</td>
</tr>
</tbody>
</table>

**Related subjects**

- Art History
- Classics
- Cultural Anthropology
- Development Studies
- English Literature
- Law
- Modern Language Studies
- Philosophy
- Political Science
- Religious Studies
- Sociology

**Careers**

Roles in advertising, government, journalism, marketing, museums, tourism. Job titles include archivist, conservator, curator, historian, policy analyst, project coordinator, research facilitator, researcher, teacher.

**HUMAN RESOURCE MANAGEMENT AND INDUSTRIAL RELATIONS**

*See page 70 for major requirements.*

The most important part of any business is the people who make that business work. Victoria University's major in Human Resource Management and Industrial Relations (HRIR) recognises this the same way the business world does. HRIR is about managing employment relationships, and deals with every aspect of those relationships, from recruitment and selection to international human resource management, training and rewards. This is a major that makes you valuable—the skills you learn apply to any business anywhere in the world. You can take a major or minor in HRIR for a BCom, or a second major or minor for a BA or BSc, or another degree. Whichever way, you're gaining an understanding of and ability to work with and manage groups of people—skills highly valued by employers.

**200-level courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HRIR 201</td>
<td>Managing Human Resources and Industrial Relations</td>
</tr>
<tr>
<td>HRIR 207</td>
<td>The Future of Work</td>
</tr>
</tbody>
</table>

**300-level courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HRIR 302</td>
<td>Managing Employment Agreements</td>
</tr>
<tr>
<td>HRIR 303</td>
<td>International Human Resource Management</td>
</tr>
<tr>
<td>HRIR 304</td>
<td>Workplace Employment Relations</td>
</tr>
<tr>
<td>HRIR 305</td>
<td>Employee Recruitment and Selection</td>
</tr>
<tr>
<td>HRIR 306</td>
<td>Remuneration and Performance Management</td>
</tr>
<tr>
<td>HRIR 307</td>
<td>Human Resource Development</td>
</tr>
<tr>
<td>HRIR 320</td>
<td>Human Resource Strategy</td>
</tr>
</tbody>
</table>

**Related subjects**

- Accounting
- Cultural Anthropology
- Economics
- Information Systems
- Law
- Management
- Marketing
- Psychology
- Sociology
- Tourism

**Careers**

Employment relations adviser, equal employment opportunities practitioner, human resources consultant/manager, learning and development coordinator, mediator, people and performance adviser, policy analyst, recruitment consultant, union organiser, training and development officer.

**HUMANITIES AND SOCIAL SCIENCES**

Humans are fascinating animals. There are so many interesting and complex questions about them that deserve special attention. Have you ever wondered: What makes human beings unique? How are humans related to and defined by their cultural context? How should we explain the human condition? Taking any subject within the humanities and social sciences will help you understand humans better. Each subject takes a different focus, and uses different methods, giving students a different perspective on humanity.

**First-year course**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>FHSS 103</td>
<td>Great Ideas</td>
<td>20 (2/3) (3/3)</td>
</tr>
</tbody>
</table>

**Great ideas**

Great Ideas is a course reflecting on some of the most exciting, important and revolutionary ideas that have shaped society and culture as it is today. It also considers how those ideas have an ongoing influence. It is an interdisciplinary course looking at topics across the humanities, arts and social sciences. Topics may include: rebellion and revolution; the theory of evolution; the development of human language; the idea of democracy; the Reformation.

**Related subjects**

All subject areas offered in a BA degree.

**Careers**

See page 53 of the BA degree pages.
INDUSTRIAL DESIGN

See page 77 for major requirements.

The Industrial Design major within the BDI extends the traditional understanding of industrial design far beyond the creation of physical products. The programme focuses on the creation of design-led solutions for business, society and culture by applying innovative design practices and through cross-disciplinary collaborations with business and academic partners. In a vibrant studio and seminar setting students face questions around complex social and cultural aspects. New insights from emerging technologies are applied to the creation of original, useful and meaningful design solutions that enrich daily life.

Industrial Design offers you exposure to a broad range of influences that shape contemporary design. Whether these are historical, cultural or technological, they are essential background for innovative and creative work set within a global context. Through the programme’s inquisitive and experimental approach to design you will gain fundamental knowledge and skills required to design solutions that span a spectrum from industrial to domestic, physical to digital, practical to poetic.

The programme provides different specialities that express the cross-disciplinary nature of design and foster the holistic approach of designing in the twenty-first century. Synergetic combinations of different design methodologies, materials, processes and technologies will broaden the students’ scope as cross-disciplinary designers. Students will gain an understanding of how to create user experiences by exploring the physiological and emotional aspects of designing. Various independent experiments will empower students to explore unseen properties of materials and utilise their findings for design creation coherently. Students will quickly build expertise in understanding digital technologies and how these can contribute to new forms and processes of sustainable manufacturing and distribution.

The BDI in Industrial Design is a three-year programme, leading into a two-year Master of Design Innovation for students wishing to become professional designers. In your first year, you’ll gain a basic grounding in design strategies and skills, and after that you’ll specialise with courses closely related to the Industrial Design discipline. You will also have the option of including a minor from a range of design-related disciplines offered by Victoria’s other faculties and a specialisation from within the BDI.

Graduates will have a fundamental understanding of design principles such as form, materials, processes and technologies that will create design solutions for business, society and culture in the twenty-first century. Industrial Design offers career possibilities in traditional product design areas as well as in emerging design fields such as physical interaction design and digital fabrication.

A minor and specialisation are optional for Industrial Design students. All Industrial Design students can complete specialisations within their major if they choose to.

Related minors with possible careers

<table>
<thead>
<tr>
<th>Minor subject</th>
<th>Careers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Science</td>
<td>Interaction designer, design of robotics and physical interactions, computer-aided design, digital prototyping designer</td>
</tr>
</tbody>
</table>

Courses

See Design (page 133) for BDI courses, course descriptions and points values.

Related subjects

Marketing, Management, Engineering, Computer Science, Design for Social Innovation, Cultural Anthropology, Media Design, Social Science, Cultural Science, Philosophy, Sociology

Careers

Industrial designer/product designer, expert in digital prototyping, computer-aided design expert, design engineer, exhibition designer, design consultant, interaction designer (physical interactions)

INFORMATION SYSTEMS

See page 70 for major requirements.

An Information Systems major can include Business Analysis, Database Management, e-Commerce or Internet Development, depending on the options you choose.

All businesses depend on information systems so understanding how they work and how to use them is an essential skill for all Commerce students. The Information Systems major has two parts. The foundation is the three 100-level courses plus Management of IT Projects. You can then choose a pathway in either Information Systems Business Analysis or IT Solutions Development. Or, you can take a general Information Systems major and choose from whatever courses interest you most.

First-year courses

INFO 101 15 POINTS (1/3) (2/3)
Foundations of Information Systems
An examination of the role of information systems in the business operations, managerial decision-making and strategy of modern organisations. The course introduces the fundamental concepts of computer-based information systems acquisition and use.

INFO 141 15 POINTS (2/3)
Systems Analysis
This course covers the IS system development life cycle (SDLC) from a business perspective. It introduces basic techniques for analysing business flows, information analysis, objects and classes. It introduces techniques for documenting information systems requirements in an object-oriented modelling language.
INFO 151  15 POINTS (1/3) (2/3)
Databases
This course introduces the principles of databases: definition, design, access and implementation. It shows how databases support modern data processing systems. Students will be able to create a data model for a business solution, implement a database from that data model and use a query languages such as SQL to access data.

200-level courses
INFO 226 Application Development
INFO 231 Management of IT Projects
INFO 234 Business Process Design
INFO 246 User Experience Design
INFO 264 Business Analytics
INFO 281 Special Topic

300-level courses
INFO 320 Project in Information Systems
INFO 333 Ethical and Cultural Issues in Information Systems
INFO 334 Digital Business Innovation
INFO 354 IS Strategy
INFO 376 Enterprise Architecture
INFO 377 System Verification
INFO 381 Special Topic
INFO 386 IT Architecture
INFO 388 Enterprise Security
INFO 395 Case Studies in Information Systems

Minors
Students from other majors can take courses to make up a minor in Information Systems.

Suggestions include:
Internet Development  INFO 151, 226, 231, 234, 334
Systems Analysis  INFO 141, 231, 234, 246, 334
Databases  INFO 151, 226, 264, 376, 386
IS Integration  INFO 333, 354, 388, 377 or 386

Related subjects
Data Science, Management, Marketing, Software Engineering

Careers
Business analyst, systems tester, internet developer, IT consultant, IT design analyst, IT trainer, systems analyst, website administrator

INSTRUMENTAL/VOCAL COMPOSITION
See page 102 for major requirements.
See Music.

INTERACTION DESIGN
See page 77 for major requirements.
Be part of one of the most important emerging fields within the Design discipline. From mobile computing, to gaming, and the emerging virtual reality sector, Interaction Design is a highly interdisciplinary field. You’ll be introduced to a range of courses, including Media Design, Industrial Design and Design for Social Innovation. You’ll have the opportunity to combine your knowledge with courses from other schools and faculties.

Within the Interaction Design major, students can choose to specialise in Design for Healthcare or Web Design.

Courses
See Design (page 133) for BDI courses, course descriptions and points values.

Related subjects

Careers
Interaction Design graduates will be well placed to start their career in the fast-growing design industry as a game designer, interaction designer, interface designer, service designer, user-experience designer or web designer.

INTERIOR ARCHITECTURE
See page 49 for major requirements.
By studying Interior Architecture, you will design the interior spaces of the built environment we inhabit. Interior Architecture students learn to design architecture from the inside out, designing for human experiences ranging from issues of perception and memory to cultural imperatives. For this reason, our graduates are well equipped to enter into a range of careers from architectural environments to gaming environments.

You will design interior spaces in a variety of media while addressing issues of body and space. You will explore the social and cultural environments encompassing interior architecture while exploring historical relationships to other built environments and assessing multiple construction materials and demands surrounding human habitation.

The BAS in Interior Architecture is a three-year programme leading into a two-year Master of Interior Architecture. You’ll share your first year with Architecture, Architecture History and Theory, Building Science and Landscape Architecture students. The second and third years are discipline focused, comprising a series of studio-based courses together with courses in interior architecture history and theory, communication, building technologies and professional studies.

Graduates of the Interior Architecture programme go on to create and design projects of an exceptionally high standard. Our students move into professional careers with the skills necessary to succeed.

Courses
See Architecture (page 121) for BAS and BBSc courses, course descriptions and points values.

Related subjects
Architecture, Architecture History and Theory, Art History, Building Science, Design, History, Landscape Architecture, Psychology

Careers
3D modeller and animator, architectural associates, commercial fit-outs, exhibition designer, furniture designer, gaming interior designer, installation designer, interior architect, interior designer, lighting consultant, retail designer, set designer
INTERNATIONAL BUSINESS

See page 71 for major requirements.

No business is immune from globalisation today. International Business addresses the realities of working in a twenty-first century organisation that competes with, supplies or buys from firms in New Zealand and overseas.

You’ll learn how to analyse the dynamic international business environment, handle sophisticated international business operations, practise cross-cultural management skills, gain insight in export-import theories and techniques and develop strategies for firms expanding across national borders.

A major in International Business tells your prospective employer that you can navigate the dynamic global marketplace and the complexities of today’s global organisations. A minor in International Business is an excellent addition to any other programme. It gives you the transferable skills and global perspective to help you take on the world.

200-level courses
IBUS 201 Principles of International Business
IBUS 212 International Management

300-level courses
IBUS 305 Dynamic Strategy and Structures in International Business
IBUS 308 Contemporary Issues in International Business
IBUS 312 Managing and Communicating Across Cultures

With approval, students can choose an elective that has an international focus from other majors.

Related subjects

Careers
Business analyst/consultant, organisational developer, import or export agent, foreign currency investment adviser, international marketing executive, policy analyst, international management consultant, foreign investment adviser, foreign sales representative, international trader, cross-cultural projects manager

INTERNATIONAL RELATIONS

See page 55 for major requirements.
See Political Science and International Relations.

ITALIAN

See page 55 for major requirements.

Victoria University is one of only two New Zealand universities offering Italian, spoken by over 65 million people in Italy (the world’s eighth-largest economy), Europe, the Americas, Australia and other places with significant Italian communities—including Wellington.

We offer Italian from beginner to advanced level. Our award-winning staff focus on language learning, translation and intercultural communication, literature, cinema and visual arts.

You can study Italian as a major and/or alongside many other subjects. Italy’s rich cultural history, unparalleled artistic heritage and pre-eminence in fields such as culinary arts, design and technology make Italian a fascinating subject that helps you stand out from the crowd, whatever degree you choose.

We offer extracurricular activities, such as cooking competitions and film nights, and have strong links with the Italian Chamber of Commerce and other capital city organisations.

Our students regularly win postgraduate scholarships, and our graduates have successful careers in diplomacy, teaching, research, creative arts, the food and wine industry and other professions in New Zealand and overseas.

First-year courses
ITAL 101 Introduction to the Italian Language and Culture
ITAL 102 Elementary Italian Language and Culture

200-level courses
ITAL 215 Italian Language 2A
ITAL 216 Italian Language 2B
FHSS 210 Language Study Abroad
LANG 201 Capital Cities: Their Cultures and Stories

300-level courses
ITAL 306 Dante’s Inferno
ITAL 308 Contemporary Italian Literature
ITAL 315 Italian Language 3A
ITAL 316 Italian Language 3B
FHSS 310 Study Abroad for Language Students

Related subjects

Careers
Diplomacy, education, government, international agencies, international business, interpreter, journalism, librarian, media, music, policy analyst, tourism, translation and interpreting
JAPANESE

See page 56 for major requirements.

Japanese culture has had a profound influence on the Western world through science and technology, fashion and popular culture as well as through language and literature.

At Victoria University, you have access to a comprehensive education in speaking, reading and writing Japanese, and a comprehensive overview of Japanese culture and literature. Our courses cater to everyone from complete beginners to students who have a background in Japanese at school level. Classes are split between lectures, where you're introduced to new language concepts, and tutorials, where you'll have the chance to really play with the language.

You can major in Japanese or take Japanese as part of a major in Modern Language Studies or with any subject (for example, Asian Studies, International Relations, Law, Linguistics or Marketing).

We offer many opportunities for exchanges with prestigious Japanese universities. Exchange students may be eligible for financial support through scholarships. A BA in Japanese offers a bright future. Graduates of our programme have been employed in areas such as business, design, diplomacy, education, fashion and translation.

First-year courses

JAPA 111  20 POINTS (1/3)
Introduction to the Japanese Language
This course is designed for those with no knowledge of Japanese. It covers basic oral and written skills including hiragana, katakana and 92 kanji. This course is for absolute beginners. It may not be taken by students with prior knowledge of the language.

(X) Prior knowledge as determined by the programme director.

JAPA 112  20 POINTS (2/3)
Elementary Japanese
This course increases basic proficiency in oral and written Japanese. One hundred and fifty Kanji are covered.

(P) JAPA 111 or NCEA Level 2 Japanese or equivalent.

200-level courses

JAPA 204  Japanese Language 2A
JAPA 205  Japanese Language 2B
JAPA 213  Japanese Culture through Literature
JAPA 214  Special Topic; to be confirmed
FHSS 210  Language Study Abroad

300-level courses

JAPA 304  Japanese Language 3A
JAPA 305  Japanese Language 3B
JAPA 314  Special Topic
JAPA 322  Readings in Japanese Culture and Society
FHSS 310  Study Abroad for Language Students

Related subjects


Careers

Roles in anime, banking, civil service, diplomacy, education, government, hospitality, international business, international law, journalism, librarian, marketing, tourism management, translation and interpreting

LANDSCAPE ARCHITECTURE

See page 49 for major requirements.

Landscape architecture sits at the forefront of rising global interest in the environment, the sustainability of cities and the quality of urban life. As facilitators of change, landscape architects draw together a diverse disciplinary interest in the creation of landscapes that are culturally, economically, socially and environmentally responsive.

Landscape Architecture's interdisciplinary design culture promotes the skills and values necessary to practise as a landscape architect in a wide variety of contexts within a rapidly growing and pivotal field of the built environment. We train people to design our world. Landscape Architecture prepares you to design the land and spaces we inhabit, in harmony with the environment and the city. Nowhere else in the world has such potential for landscape architects than New Zealand—the cities and the wider landforms provide the opportunity for landscape architects to make their mark.

You'll learn to design urban environments that interact with the dynamic qualities of the New Zealand landscape. You'll study landscape architectural history, the materials and management of landscape design, new technologies and the environment, while gaining a professional degree and qualification that will engage you for life.

The BAS in Landscape Architecture is a three-year programme leading into a two-year Master of Landscape Architecture qualification for students wishing to become professional landscape architects. You'll share your first year with Architecture, Architecture History and Theory, Building Science and Interior Architecture students. The second and third years are discipline focused, comprising a series of studio-based courses together with courses in landscape history and theory, communication, technologies and professional studies.

Graduates will have a critical understanding of the key historical and theoretical approaches and standards in this discipline and will be able to synthesise and integrate knowledge of cultural landscapes, ecologies, technologies and management processes to assess, plan, design and conserve sustainable landscapes.

Courses

See Architecture (page 121) for BAS and BSc courses, course descriptions and points values.

Related subjects

Architecture, Architecture History and Theory, Building Science, Design, Ecology and Biodiversity, Environmental Studies, Geography

Careers

Environmental educationalist, environmental policy analyst, environmental publisher, environmental resource manager, landscape architect, project manager, sustainable designer, urban landscape designer

Check www.victoria.ac.nz/courses for 200- and 300-level prerequisites.
LANGUAGE AND CULTURE STUDIES

Explore the world without leaving Wellington!

The multidisciplinary course FHSS 110 introduces students to the ways knowledge of different languages and cultures transforms our experience of the world and benefits local, national, regional and global communities. Exploring how multiple languages and cultures have left their mark on the city around us, we analyse how cultural and linguistic identities are expressed and represented. In particular, we discuss Asian, European and Latin American languages and cultures and their place in New Zealand, the Asia-Pacific region and the world. By the end of the course, students will be able to identify examples of how awareness of linguistic and cultural diversity contributes to intercultural competence and explain the relevance of languages and cultures in a globalised world. The course complements offerings in the School of Languages and Cultures and across the Faculty of Humanities and Social Sciences and will be of interest to students from all areas of study where an international perspective is important.

First-year course

FHSS 110  20 POINTS (2/3)
Reading the World: Languages and Cultures in Context
How do languages and cultures interrelate, and how can we read them in the world around us? This course provides students with insights into how languages and cultures shape and reflect identity by critically engaging with a wide variety of global texts and objects located in New Zealand's capital city and beyond. Texts are studied in English translation.

200-level course

FHSS 210  Language Study Abroad

300-level course

FHSS 310  Study Abroad for Language Students

Related subjects


Careers

Diplomacy, education, government, hospitality, international agencies, international business, international law, journalism, language teaching, marketing, media, music, policy analysis, tourism, translation and interpreting

LATIN

See page 56 for major requirements.
See Classical Studies.

LAW

See page 97 for degree requirements.

Victoria University's programme in Law is a carefully structured study in understanding the legal perspective. You can take Law for an LLB, and concentrate solely on your legal study, or you can put first-year Law courses towards a BA, BCom or BSc, or indeed any degree. About 80 percent of students enrolling in an LLB also do a second degree, usually taking five years to complete the conjoint programme.

An LLB encompasses fundamental areas of contract, criminal, property, public, case and statute law, along with a range of specialised courses. You can be confident that when you step out the door with your LLB, the opportunities begin.

First-year courses

LAWS 121  20 POINTS (1/3)
Introduction to New Zealand Legal System
An introduction to the New Zealand legal system and its relationship to government, Parliament and the courts; the place of the Treaty of Waitangi in the legal system and an introduction to the constitutional framework. An introduction to critical, theoretical and cultural perspectives on the legal system, including race and gender issues.

LAWS 122  15 POINTS (2/3)
Introduction to Case Law
An introduction to case law technique and the doctrine of precedent, an introduction to case law reasoning skills, the social context of judicial reasoning and the interaction between case law and legislation.

(P) LAWS 121.

LAWS 123  15 POINTS (2/3)
Introduction to Statute Law
An introduction to the process of legislation, the techniques of statutory interpretation and legislative drafting, the interaction with case law interpretation and the impact of various other issues on interpretation principles and methods.

(P) LAWS 121.

200-level compulsory courses

LAWS 211  The Law of Contract
LAWS 212  The Law of Torts
LAWS 213  Public Law
LAWS 214  Criminal Law
LAWS 297  Legal Research, Writing and Mooting

300-level compulsory courses

LAWS 301  Property Law
LAWS 312  Equity, Trusts and Succession

300-level elective courses

LAWS 302  Advanced Torts
LAWS 303  Advanced Contract
LAWS 304  Unjust Enrichment
LAWS 306  Remedies
LAWS 307  Sentencing and Penal Policy
LAWS 308  Advanced Criminal Law
LAWS 309  The Criminal Justice Process
LAWS 310  Youth Justice
LAWS 313  Māori Customary Law
LAWS 316 Māori Land Law
LAWS 317 Natural Resources Law
LAWS 318 Resource Management Law
LAWS 320 Advanced Public Law
LAWS 321 Administrative Law
LAWS 322 Judicial Review
LAWS 323 Legislation
LAWS 324 Welfare Law
LAWS 325 Environmental Law
LAWS 326 Australian Public Law
LAWS 328 Law of Privacy
LAWS 329 Legal History
LAWS 330 Jurisprudence
LAWS 331 Bill of Rights
LAWS 333 Law and Sexuality
LAWS 334 Ethics and the Law
LAWS 335 Law and Economics
LAWS 339 Nationality, Immigration and Asylum
LAWS 340 International Law
LAWS 341 International Institutions
LAWS 342 International Environmental Law
LAWS 343 International Human Rights
LAWS 344 Law of the Sea
LAWS 345 Comparative Law
LAWS 347 Pacific Legal Studies
LAWS 350 Introduction to Commercial Law
LAWS 351 Maritime Law
LAWS 352 Banking and Finance Law
LAWS 353 Intellectual Property
LAWS 354 International Trade Law
LAWS 355 Employment Law
LAWS 356 Competition Law
LAWS 357 Consumer Law
LAWS 358 Insurance Law
LAWS 360 Company and Partnership Law
LAWS 362 Insolvency Law
LAWS 363 Financial Markets Law
LAWS 365 Elements of Taxation
LAWS 370 Family Law
LAWS 372 Relationship Property and Succession
LAWS 375 Private International Law
LAWS 379 Dispute Resolution
LAWS 380 Evidence
LAWS 381 Civil Procedure
LAWS 382 Criminal Procedure
LAWS 389 Directed Individual Research

**LINGUISTICS**

See page 56 for major requirements.

How does language work? What does language tell us about the human mind? What do all languages have in common? Why do you talk differently from your parents? Do men talk differently from women? How do we produce and understand language? By studying Linguistics, you’ll learn answers to these questions, and much more.

Linguistics at the School of Linguistics and Applied Language Studies is the study of all facets of human language and how we use it.

A Linguistics major gives you skills in the description of languages and language use, and special skills in data analysis and problem-solving. Your background in Linguistics will serve you in diverse careers, from language teacher to software engineer.

**First-year courses**

**LING 101** 20 POINTS (1/3)
**Language and Communication**
An introduction to the study of language, increasing understanding of a range of language issues of general interest in the community.

*(X) LALS 101.*

**Note:** LING 101 is not a compulsory course for a Linguistics major.

**LING 111** 20 POINTS (2/3)
**Introduction to Linguistics**
An introduction to basic linguistic concepts and terminology and to methods of linguistic analysis in the areas of phonetics (the sounds used in human languages), phonology (sound systems), morphology (word structure), syntax (sentence structure) and sociolinguistics (language use).

*(X) LING 211.*

**200-level courses**

LING 221 Sociolinguistics
LING 227 Words and Sentences
LING 228 The Sounds of Speech

**300-level courses**

LING 321 Discourse and Meaning
LING 322 New Zealand English
LING 323 Psycholinguistics
LING 324 Language Variation and Change
LING 327 Syntax
LING 328 Phonetics and Phonology
LING 330 Advanced Sociolinguistics

**Related subjects**
Classical Studies, Computer Science, Cultural Anthropology, English Literature, Māori Studies, Media Studies, Modern Language Studies, New Zealand Sign Language Studies, Philosophy, Psychology, Samoan Studies, TESOL

**Careers**
Communications manager, copywriter, editor, journalist, language teacher, linguist, market researcher, software designer, speech language therapist, technical writer, TESOL, translator
MANAGEMENT

See page 71 for major requirements.

Management involves developing and using both people skills and analytical skills. The study of management provides insight and understanding into the operation of organisations—the behaviour of people in the workplace, how decisions are made and how strategies are developed, what provides for sustainable advantages and sustainability more broadly, how innovation emerges and how to achieve an effective and ethical alignment of the organisation with its stakeholders. Students are introduced to multiple perspectives and address cases in large and small enterprises; not-for-profit, commercial and industrial organisations; and government owned and operated institutions.

First-year course

MGMT 101 15 POINTS (1/3) (2/3)
Introduction to Management

This introductory course in Management offers a broad perspective on modern management in the business, public and voluntary sector and examines key issues likely to face managers in the near future.

200-level courses

- MGMT 202 Organisational Behaviour
- MGMT 205 Strategic Management
- MGMT 206 Systems Thinking and Decision Making

300-level courses

- MGMT 307 Special Topic: Entrepreneurship
- MGMT 310 Competitive Advantage
- MGMT 311 Knowledge Management
- MGMT 312 Sustainable Operations
- MGMT 313 Operations Strategy
- MGMT 314 Operations and Supply-chain Management
- MGMT 315 Business Dynamics
- MGMT 316 Decision Modelling for Managers
- MGMT 317 Organisational Innovation and Change
- MGMT 318 Organisational Analysis and Design
- MGMT 319 Sport Management
- MGMT 321 Organisations and Ethics

Related subjects


Careers

Roles in banking, entrepreneurial start-ups, government, insurance, manufacturing, non-profit organisations, retailing, service industries, state-owned enterprises, tourism. Job titles include business analyst, management consultant, communications consultant.

MĀORI RESOURCE MANAGEMENT

See page 76 for major requirements. See Māori Studies.

See page 56 for major requirements.

Māori Society and culture are a vibrant and dynamic part of New Zealand life. Te Kawa a Māui, the School of Māori Studies, and Te Herenga Waka marae are the centres of activity for kaupapa Māori at Victoria University.

Māori Studies offers students the opportunity to study kaupapa Māori within the setting of Te Herenga Waka marae. There are three BA majors offered by the School: Māori Resource Management, Māori Studies and Te Reo Māori.

Te Kawa a Māui also offers the Tohu Māoritanga, a one-year full-time or two-year part-time undergraduate diploma focusing on te reo and tikanga Māori. Students who complete the Tohu Māoritanga may be able to cross-credit up to 60 points between the Tohu Māoritanga and a BA.

Coming to university is about testing yourself, expanding your vision and discovering how to make a significant contribution in the world. Te Kawa a Māui is here to support you on your journey, therefore:

Whaia te pae tawhiti kumea mai kia tata, ko te pae tata whakamaua kia tīna!

Set your sights high and strive to achieve!

First-year courses

MAOR 101 20 POINTS (1/3) (3/3)
Te Timatanga / Introduction to Māori Language

This course is an introduction to the Māori language for those who have little or no previous experience of the Māori language or culture. In MAOR 101 students work to develop a foundation of basic Māori language speaking, reading and writing skills, approximately equivalent to NCEA Level 1. The course covers the fundamentals of Māori pronunciation, learning vocabulary and basic sentence structures, karakia, waiata and mihimihi. This course includes a noho marae component.

MAOR 102 20 POINTS (2/3) (3/3)
Te Arumanga / Elementary Māori Language

This course is designed for students with some basic Māori language experience, and extends upon the foundations laid in MAOR 101. In MAOR 102, students work to improve their oral and written Māori language competence, reaching a level approximately equivalent to NCEA Level 3. Students are introduced to new vocabulary, extend their knowledge of the structures of te reo Māori and begin to engage in basic conversations on everyday topics. This course includes a noho marae component.

(P) MAOR 101 or passed NCEA Level 2 Māori or equivalent to allow for sufficient Māori language training.

MAOR 111 20 POINTS (1/3)
Wana te Wanawana / Māori Language 1A

This course focuses upon developing a foundation of tertiary-level Māori language learning and academic skills. Throughout MAOR 111, students will work to develop oral and aural confidence in te reo Māori. They will also encounter a range of Māori language literature, and will work to expand their vocabulary and develop accuracy in reading and writing in te reo Māori. Students with NCEA Level 2, Sixth Form Certificate, NCEA Level 3, University Entrance Māori or an equivalent should begin with this course.

(P) MAOR 102 preferred, or equivalent elementary knowledge.
MAOR 322  Te Tāhū o te Reo / Topics in the Structure of Te Reo Māori

MAOR 316  Te Reo Karanga, Te Reo Whaihora / The Language of Karanga and Whaihora

MAOR 311  Tū Te Wana Wana / Māori Language 3

MAOR 302 Te Pumoto o te Tangata Whenua, o te Taiao / The Pumouta Tangata Whenua

MAOR 301 Tā Te Māori Whakahaere Rauemi / Māori Resource Management

MARINE BIOLOGY

See page 110 for major requirements.

Marine Biology, a BSc major, is the study of ocean organisms and how they interact with one another and their environment. New Zealand has one of the most extraordinary and unspoilt marine ecosystems in the world, and Victoria University, which has the closest campus to the sea, is a leader in the field of marine biology.

The University has its own marine field station, the Coastal Ecology Laboratory (VUCEL), and its own research vessels, the tri-hull Raukawa Challenger and three aluminium vessels, Pīpī, Tuatua and Tipa.

The University also benefits from its proximity to New Zealand’s major fishing port, Nelson, and the nation’s aquaculture centre, the Marlborough Sounds. No other university is better placed to study life in the sea.

See Biology (page 124) for BIOL course descriptions.

Related subjects

Biology, Biotechnology, Cell and Molecular Bioscience, Development Studies, Ecology and Biodiversity, Environmental Science, Environmental Studies, Law, Māori Studies, Pacific Studies, Physical Geography, Statistics

Careers

Roles in aquaculture, diving, field ecology, Crown research institutes, Department of Conservation, Ministry of Fisheries, Ministry for the Environment, non-governmental organisations. Job titles include fundraising coordinator, policy analyst, researcher, statistical analyst.

MARKETING

See page 71 for major requirements.

Marketing shapes the opinions of its audiences and creates trends in the marketplace. At Victoria University, we know that marketing has a dynamic and vibrant role in business. Marketing is where commerce and creativity meet.

You can take Marketing as a major or minor for your BCom, and either specialise in Marketing alone or combine it with another major such as International Business, Management or Economics. You can also take a minor or second major in Marketing in the BA or BSc. There are many courses offered in all aspects of marketing (for example, advertising, internet marketing, consumer behaviour, marketing strategy, tourism marketing and international marketing).

Whichever courses you choose, you’ll have a qualification that’s in demand by employers wanting to generate excitement about their products and services. You’ll be set up for a career that’s creative, innovative and always changing.
First-year course

MARK 101 15 POINTS (1/3) (2/3) (3/3)
Principles of Marketing
An introduction to the study of marketing and its role in developing a strategic customer/client focus within commercial, public sector and not-for-profit organisations.

200-level courses
MARK 201  Marketing Management
MARK 202  Consumer Behaviour
MARK 203  Market Research

300-level courses
MARK 301  Marketing Communications
MARK 302  International Marketing
MARK 303  Strategic Marketing Management
MARK 310  Arts Marketing
MARK 312  Internet Marketing
MARK 315  Services Marketing
MARK 316  Social Marketing
MARK 317  Marketing Decision Support
MARK 319  Brand Management
MARK 320  Business Relationship Management
MARK 321  Retail Marketing
MARK 322  Marketing in Asia

Related subjects

Careers
Roles in advertising, exporting, internet marketing and digital strategy, and retailing. Job titles include brand manager, communications manager, marketing manager, marketing planner, market researcher, product coordinator, public relations consultant, sales coordinator.

MATHEMATICS
See pages 56 and 110 for major requirements.

Could a computer answer every mathematical question? Can we find equations to model the actions of the human heart? What shape is the universe? Mathematics tackles some of the most fascinating issues you can imagine. Starting at a basic and accessible level, the BSc Mathematics major can take you anywhere you want to go.

Mathematics is a major in thinking clearly and independently, solving problems and communicating your answers. Our Mathematics courses can cater to your interests, from pure mathematics like the logic used in computer programs or the underlying concepts of geometry, to applied mathematics, where the skills you learn are targeted directly at issues from economics to earthquakes, cryptography to combustion.

You’ll be studying under mathematicians of international calibre, who communicate their knowledge enthusiastically and supportively to their students. A major in Mathematics prepares you for the modern digital world, where mathematics underpins the developing technologies and opens opportunities in a wealth of professions.

First-year courses

MATH 132 15 POINTS (1/3) (3/3)
Introduction to Mathematical Thinking
An introduction to some fundamental ideas and methods in mathematics, including solving equations and inequalities in one and two variables, matrix arithmetic and algebra, trigonometry, sets, relations and logic, the basic ideas of calculus. For students with little or no mathematics background, MATH 132 is also offered during November and December 2018 and provides entry to MATH 141, 151, 161 and ENGR 121.

Entry requirement: MATH 132 is open to students who have met the University Entrance numeracy requirements, preferably with NCEA Level 2 Mathematics achievement standard 2.6 Algebra (AS91261).

MATH 141 15 POINTS (1/3)
Calculus 1A
The properties of functions of one variable and their use for modelling continuous phenomena, including ideas and applications of differential and integral calculus.

Entry requirements: For direct entry into MATH 141, students need to have passed 16 NCEA Level 3 achievement standard credits in Mathematics.

Acceptance into MATH 141 is conditional on a minimum of D or better in Mathematics in the A level Cambridge International Examinations or a B or better in Mathematics in the AS level Cambridge International Examinations.

Acceptance into MATH 141 is conditional on a minimum of 4 or better in Mathematics on the International Baccalaureate grade scale.

MATH 142 15 POINTS (2/3)
Calculus 1B
Further topics in differential and integral calculus, including l’Hôpital’s Rule; Taylor polynomials; implicit, parametric and polar representation of curves; the Riemann integral, techniques of integration; differential equations; functions of two variables and their properties.

Entry requirements: For direct entry into MATH 142, students need to have successfully completed the following achievement standards in Mathematics:

- 3.6 Differentiation (AS91578)
- 3.7 Integration (AS91579)
and one of:
- 3.1 Conics (AS91573)
- 3.3 Trigonometry (AS91575)
- 3.5 Algebra (AS91577)
and at least two of the three required standards with Merit or Excellence, one of them in either Differentiation or Integration.

Acceptance into MATH 142 is conditional on a minimum of C or better in Mathematics in the A level Cambridge International Examinations or a B or better in Mathematics, including P2 pure mathematics, in the AS level Cambridge International Examinations.

Acceptance into MATH142 is conditional on a minimum of 6 or better in Mathematics on the International Baccalaureate grade scale.
MATH 151 15 POINTS (1/3)
Algebra
An introduction to linear algebra, including matrices and vectors, complex numbers, eigenvectors and algebraic structures.

Entry requirements: For direct entry into MATH 151, students need to have passed 16 NCEA Level 3 achievement standard credits in Mathematics.

Acceptance into MATH 151 is conditional on a minimum of D or better in Mathematics on the International Baccalaureate grade scale.

MATH 161 15 POINTS (2/3)
Discrete Mathematics and Logic
An introduction to mathematical logic, including proofs, sets and relations. Polynomials, complex numbers and basic number theory will also be covered. The second half of the course is an introduction to graph theory, including trees and networks.

Entry requirements: For direct entry into MATH 161, students need to have passed 16 NCEA Level 3 achievement standard credits in Mathematics.

Acceptance into MATH 161 is conditional on a minimum of D or better in Mathematics in the A level Cambridge International Examinations or a B or better in Mathematics in the AS level Cambridge International Examinations.

Acceptance into MATH 161 is conditional on a minimum of 4 or better in Mathematics on the International Baccalaureate grade scale.

MATH 177 15 POINTS (2/3)
Probability and Decision Modelling
An introduction to probability models in statistics, decision-making and operations research including key concepts of probability, random variables and their distributions, decision theory and queuing systems. Goodness of fit tests are used to check the validity of fitted models.

Entry requirements: For direct entry into MATH 177, students need to have passed 16 NCEA Level 3 achievement standard credits in Mathematics, including:

- 3.6 Differentiation (AS91578)
- 3.7 Integration (AS91579).

Acceptance into MATH 177 is conditional on a minimum of D or better in Mathematics in the A level Cambridge International Examinations or a B or better in Mathematics in the AS level Cambridge International Examinations.

Acceptance into MATH 177 is conditional on a minimum of 4 or better in Mathematics on the International Baccalaureate grade scale.

200-level courses
MATH 211 Foundations of Algebra, Analysis and Topology
MATH 243 Multivariable Calculus
MATH 244 Ordinary Differential Equations
MATH 245 Computational Mathematics
MATH 251 Linear Algebra
MATH 261 Discrete Mathematics 2
MATH 277 Mathematical Statistics

300-level courses
MATH 301 Differential Equations
MATH 309 Mathematical Logic
MATH 311 Algebra
MATH 312 Real and Complex Analysis
MATH 313 Topology
MATH 321 Applied Mathematics I
MATH 322 Applied Mathematics II
MATH 323 Mathematics for Earth Sciences
MATH 324 Coding and Cryptography
MATH 335 Computability and Complexity
MATH 353 Optimization
MATH 361 Graph Theory
MATH 377 Probability and Random Processes

Related subjects
Actuarial Science, Computer Science, Economics, Engineering, Finance, Geophysics, Philosophy, Physics, Statistics, Teaching

Careers
Roles in actuarial science, banking, finance, government security, information technology, investment management, meteorology, policy analysis, research and development, teaching.

MEDIA DESIGN
See page 77 for major requirements.

New media technology has opened up enormous opportunities, and you can be a part of these exciting developments by studying Media Design. The Media Design major within the BDI will explore contemporary theory and practice, and focus on the creative potential of interactive and dynamic media.

Students will gain a sound knowledge of key theoretical and practical approaches and precedents in the field of media design, its parameters and its relationship to other design disciplines. Graduates will be able to convincingly communicate design concepts in digital formats and have an understanding of the tools of media design and, more importantly, how to alter and redirect these tools to create new research processes.

You’ll have access to a dedicated media design studio with state-of-the-art equipment. Your first year comprises general courses designed to give you basic design strategies and skills. Following this you will then take courses closely aligned to your specialisation. You also have the option to include a minor from a range of design-related disciplines offered by other faculties.

The BDI is a three-year programme that leads into a two-year Master of Design Innovation for students wishing to deepen their studies. The programme will ensure you have the skills to become an effective digital media designer or developer, or project or content manager, within many settings. Your skills and insights will be valuable in a wide range of industries: entertainment and game design, interaction and experience design, education, and special effects training, business and the public sector.

A minor and specialisation are optional for Media Design students.

Check www.victoria.ac.nz/courses for 200- and 300-level prerequisites.
Specialisations

Design students can complete specialisations within their major.

**Game Design** deals with both the theory and practical development of digital games. Our studio-based team-work approach allows students to build their own games, using modern, industry-relevant game development tools and processes.

**Creative Coding** unifies design and computation and blends computer programming and scripting with practical studio approaches to produce exciting, new modes of creative visualisation relevant to the Video FX, games and data visualisation industries.

**Interactive Design** is about shaping digital things for people’s use—a process of connecting the digital world to the human one. It is design for the future of the web, mobile and computing.

**3D Design and Animation** covers the design and practical creation of digital assets. The specialisation covers how to design, animate and render 3D characters and scenes, using them to make captivating digital experiences.

**Video Design** opens up the new world of digital filmmaking and video production. Gain technical skills such as how to conceive, shoot, edit and remix digital video-based projects to explore creative storytelling.

Related minors with possible careers

<table>
<thead>
<tr>
<th>Minor subject</th>
<th>Careers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art History</td>
<td>Curator, exhibition designer</td>
</tr>
<tr>
<td>Computer Science</td>
<td>Game developer, information architect, 3D animator, motion graphics designer, special effects artist</td>
</tr>
<tr>
<td>Film</td>
<td>Filmmaker, mobile media developer, videographer, web broadcaster, content developer</td>
</tr>
<tr>
<td>Engineering</td>
<td>Experience designer, mechatronics designer, virtual interaction designer</td>
</tr>
<tr>
<td>Media Studies</td>
<td>Curator, media critic, TV producer</td>
</tr>
<tr>
<td>Music</td>
<td>Sonic artist, spatial designer</td>
</tr>
</tbody>
</table>

Courses

See Design (page 133) for BDI courses, course descriptions and points values.

Related subjects


Careers

Content developer, creative director, 3D artist, filmmaker, video designer, special effects artist, game developer, information architect, interaction designer, motion graphics designer, experience designer

**MEDIA STUDIES**

See page 56 for major requirements.

A BA major in Media Studies allows you to engage with one of the primary means by which we know ourselves and our society. We study a variety of media—ranging from print media to television, the internet and popular music—as well as media policy and industries, media audiences, media technologies and media history. We make connections with theories that clarify our experience of the mediated world.

Our range of courses is broad, covering subjects such as advertising, television drama, news culture and media policy. Students can elect to focus on particular areas by choosing pathways in popular culture (including popular music), media in Aotearoa New Zealand, media and subjectivity or identity, television, digital media, media and politics (including news media) or visual culture. Media Studies is distinctive in drawing from both the Humanities and the Social Sciences and, like others in the Faculty of Humanities and Social Sciences, all our courses develop skills in written and spoken communication, independent research and the critical analysis of texts, practices and cultures that have a clear relevance for a variety of career paths. Our graduates have gone on to careers in media production and analysis, public service and non-governmental organisations, teaching and research.

Our programme is ranked first among Media Studies programmes in New Zealand for research in the Performance-Based Research Fund rankings and we maintain clear and relevant links between our research and our teaching. We have strong ties with government agencies and policy bodies, industry and producers and non-governmental organisations, as well as with the wider academic community. In addition, there are clear affinities between our subject area and the related disciplines of Film, English, Theatre, Political Science, Māori Studies, Pacific Studies, Music, Art History, Sociology, Philosophy, Marketing, Design and Education.

First-year courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MDIA 101</strong></td>
<td>20</td>
</tr>
<tr>
<td>Media: Texts and Images</td>
<td></td>
</tr>
<tr>
<td><em>Not offered in 2019.</em></td>
<td></td>
</tr>
<tr>
<td><strong>MDIA 102</strong></td>
<td>20 (2/3)</td>
</tr>
<tr>
<td>Media, Society and Politics</td>
<td></td>
</tr>
<tr>
<td>This is an introductory course for students interested in exploring the role of the media in shaping society and politics. The course discusses the rise of the mass media, the control and regulation of media institutions and the role of the media in shaping public opinion. It will also assess the impact of current developments such as independent media, convergence, digitisation, globalisation and the concentration of media ownership.</td>
<td></td>
</tr>
<tr>
<td><strong>MDIA 103</strong></td>
<td>20 (1/3)</td>
</tr>
<tr>
<td>Popular Media Culture</td>
<td></td>
</tr>
<tr>
<td>The course is an introduction to the study of popular media culture, with reference to the relationship between cultural theory and selected popular media forms. The course centres on critically examining the production and consumption of popular media culture. Particular attention is paid to issues relating to the social function and value of popular media culture.</td>
<td></td>
</tr>
<tr>
<td><strong>MDIA 104</strong></td>
<td>20 (3/3)</td>
</tr>
<tr>
<td>Social and Interactive Media</td>
<td></td>
</tr>
<tr>
<td>This course traces the history of social and interactive media from pre-internet forms to the present. It considers the shift from analogue to digital, the development of interactive technologies, the web’s evolution to a dynamic social mediascape and public debate about the value of social and interactive media. Adopting a critical and historical lens, this course examines how social and interactive media have transformed our understanding of the world, the production of knowledge, conceptualisations of space and place, and modes of communication and self-presentation.</td>
<td></td>
</tr>
</tbody>
</table>

Check [www.victoria.ac.nz/courses](http://www.victoria.ac.nz/courses) for 200- and 300-level prerequisites.
200-level courses
MDIA 201  Media in Aotearoa New Zealand
MDIA 202  Television Studies
MDIA 203  Visual Culture
MDIA 205  Popular Music Studies
MDIA 206  Media and Digital Cultures
MDIA 207  News Analysis
MDIA 208  Media Audiences and Identity
MDIA 221  Special Topic: Place, Race, Media

300-level courses
MDIA 301  Media Theory and Cultural Production
MDIA 302  Television Narrative
MDIA 304  News Culture
MDIA 305  A Social History of Popular Music
MDIA 306  Media, Gender & Sexuality
MDIA 308  Māori Media
MDIA 309  New Media: Theory and Practice
MDIA 310  Cultural Identity and the Media
MDIA 312  Media, Money and Power
MDIA 313  Media, Technologies and Surveillance
MDIA 314  Critical Approaches to Advertising and Consumer Culture
MDIA 321  Special Topic: Media and Crisis
MDIA 322  Special Topic: Food and Drink—The Other Social Media

Related subjects
Art History, Design, Education, English Literature, Film, History, International Relations, Law, Māori Studies, Marketing, Music, Pacific Studies, Philosophy, Political Science, Sociology, Theatre

Careers
Roles in advertising, broadcasting, communications, journalism, marketing, public relations. Job titles include communications adviser, copywriter, journalist, librarian, media assistant, news editor, press secretary, reviewer/critic, teacher.

MODERN LANGUAGE STUDIES
See page 56 for major requirements.
Foreign language competence, an awareness of cultures and an understanding of the structure of language itself is a compelling combination of skills that will make you attractive to many employers.
Modern Language Studies combines study of a modern language with courses in Linguistics to provide a comprehensive language package. You can study Chinese, French, German, Italian, Japanese, Māori, Samoan or Spanish—whichever inspires you the most.
Through our supportive and well-designed courses, you'll soon be speaking and writing the language you want.
A BA with a major in Modern Language Studies is the doorway into new and fascinating cultures, and provides an entrée to a variety of interesting careers.

Related subjects
International Business, Internation Relations, Language and Culture Studies, Linguistics, Māori Studies, Media Studies, Pacific Studies, TESOL

Careers
Roles in banking, external relations, government, international agencies, international business, tourism. Job titles include interpreter, journalist, librarian, teacher, technical translator.

MUSIC
See pages 56 (BA) and 102 (BMus) for major requirements.
The BMus at Victoria University offers the widest breadth and greatest depth of any music programme in New Zealand. You can also take Music as a BA major, or as a minor (subject to approval) or Music electives in any degree. Study in Music offers both practical skills for a range of professions and transferable skills that can be combined with other fields to enhance your career options.

Bachelor of Music
The BMus is comprehensive and inspirational and will help you become the musician you want to be. Within the BMus, you can major in a range of disciplines, including Classical Performance, Composition (Instrumental/Vocal or Sonic Arts), Jazz, or the broadly-based Bachelor of Music in Music Studies. The Music Studies major includes specialisations in Ethnomusicology, Jazz Studies and Musicology.
Classical Performance students can receive one-to-one tuition in all the standard orchestral instruments as well as baroque cello, baroque flute, baroque violin, fortepiano, guitar, harpsichord, organ, piano, recorder, saxophone and voice. Exceptional students may be allowed to study a second instrument. Students have opportunities to perform in a range of ensembles, including chamber music, orchestra, opera and solo concerts.
Instrumental/Vocal Composition teaches students to notate music professionally, write for instruments idiomatically, orchestrate imaginatively and develop musical ideas into substantial, coherent works. You can even choose to take a specialisation in film scoring. You'll have many collaborative opportunities and will be invited to compose for ensembles such as the New Zealand String Quartet and the NZSM Orchestra, as well as other professional ensembles that regularly visit the NZSM.
Jazz has a comprehensive curriculum that encompasses instrumental performance techniques in both group workshops and in one-to-one lessons, improvisation classes, ensemble performance, composition, jazz theory and musicianship. You can choose to study from all the jazz instruments, including bass, brass, drums and percussions, guitar, keyboards, piano, woodwind and voice. Performance opportunities for Jazz majors include two jazz big bands, guitar ensemble, jazz combos and a jazz choir with rhythm section.
Music Studies offers interdisciplinary study in the areas of jazz studies, ethnomusicology, musicology, performance, theory and analysis. You can engage in areas as diverse as New Zealand music, European art music, music ethnography, Māori, Pacific and Asian music, film music, historically informed performance practice, popular music and jazz. A number of courses require no prior musical knowledge.
Sonic Arts and Music Technology explores the creative potential of sound and music through the medium of music technology. You’ll learn how to record, mix, produce, synthesise, compose and code in a broad range of creative and technological situations. You can include other courses in your degree from areas such as computer science, engineering, design and film.

Check www.victoria.ac.nz/courses for 200- and 300-level prerequisites.
Bachelor of Arts in Music

In the BA in Music, up to half of your degree may be made up of Music courses, leaving space for study in one or more other subjects.

The Music major allows you to explore different aspects of music, including historical, critical, technical or creative. You may choose to combine courses of different types in a way that suits you. Some courses require no prior musical knowledge. The range of performance courses includes courses in Pasifika and Asian gamelan music.

Music

First-year courses

MUSC 160 20 POINTS (1/3)
Music Theory and Musicianship 1
Study of the basic elements and procedures of common practice tonal music, including basic training in harmony and counterpoint, aural perception and keyboard skills.

(P) Approved theory qualification or entrance test or B or better in MUSC 160 or equivalent.

MUSC 167 20 POINTS (2/3)
Music Theory and Musicianship 2
Study in the recognition of common practice tonal music procedures and their application, including training in analysis of basic repertory and conventional forms, melodic and rhythmic dictation, aural perception and keyboard skills.

(P) MUSC 166.

Music: Composition

First-year courses

CMPO 101 15 POINTS (2/3)
Introduction to Composition, Sonic Arts and Film Scoring
An introduction to key techniques and concepts in instrumental/vocal composition, sonic arts and film scoring. Students apply and learn these skills through a series of short compositions and sound-based works and scoring a short film. Some knowledge of musical notation and music theory is required.

(P) Approved theory qualification or entrance test or B or better in MUSC 160.

CMPO 130 15 POINTS (1/3)
Instrumentation
An introduction to fundamental knowledge of common Western orchestral instruments, and notational issues specific to the study of composition and orchestration. Some knowledge of musical notation and music theory is required.

(P) Approved theory qualification or entrance test or B or better in MUSC 160.

CMPO 185 15 POINTS (2/3)
Introduction to Digital Music, Sound Synthesis and Audio Effects
An introduction to digital music and audio through computer programming, sound synthesis and audio effects, with a focus on learning through creative work. Students will gain core abilities in computer programming that will enable them to generate and process sound for use in creative disciplines such as interactive game audio, sound design, web sound, sound art and composition. No computer programming experience is required.

(X) CMPO 181.

CMPO 186 15 POINTS (1/3)
Introduction to Recording, Production and Sound Engineering
An introduction to the fundamental skills in sound engineering, recording, synthesis and production. Students will learn a range of basic music technology skills that can be used in disciplines such as audio production and post-production, as well as sound design and synthesis for electronic music production, film and game audio.

(X) CMPO 181.
Music: Performance

First-year courses

PERF 103 15 POINTS (1+2/3)
Performance Second Study 1
Development of technical and musical competency and artistic and stylistic insight, in order to perform repertoire on an instrument or voice as a second study to complement or supplement the primary area of study. A proposal outlining the intended course of study for this paper must be approved by the NZSM director prior to the enrolment deadline.

(P) Audition; (C) for voice PERF 136.

PERF 120 30 POINTS (1+2/3)
Jazz Performance 1
Development, through individual lessons, workshops and self-directed learning, of technical and musical competency on the student’s primary instrument, together with artistic and stylistic insight into the jazz idiom. Development also of basic jazz piano skills.

(P) Audition; (C) PERF 121, 122, MUSC 164.

PERF 121 15 POINTS (1+2/3)
Jazz Improvisation 1
Development of the knowledge and skills required for competent jazz improvisation using standard jazz language.

(P) Audition; (C) MUSC 164.

PERF 122 15 POINTS (1+2/3)
Jazz Ensemble 1
Development of jazz combo ensemble playing techniques, interaction, knowledge of standard jazz repertoire and self-directed rehearsal techniques; development of skills for large jazz ensemble including the reading of charts and sectional playing or singing.

(P) Audition; (C) PERF 120.

PERF 123 10 POINTS (1+2/3)
Fusion Ensemble
Development of practical skills for jazz-rock fusion ensemble playing, and of knowledge of jazz-rock fusion repertoire.

(P) Audition.

PERF 130 30 POINTS (1+2/3)
Classical Performance 1
Development of technical and musical competency and artistic and stylistic insight to perform repertoire of the student’s chosen instrument or voice.

(P) Audition; (C) MUSC 166.

PERF 132 10 POINTS (1+2/3)
Accompanying 1
An introduction to accompanying and collaborative skills for pianists or Baroque instrumentalists through the study, rehearsal and public performance of prescribed works.

(P) Audition; (C) PERF 130.

PERF 133 10 POINTS (1+2/3)
Small Ensemble 1
An introduction to the preparation and presentation of music for small ensembles.

(P) Audition.

PERF 134 10 POINTS (1+2/3)
Large Ensemble 1
Preparation and presentation of repertoire for a large ensemble appropriate to the student’s instrument.

(P) Audition.

PERF 136 10 POINTS (1+2/3)
Diction and Language 1
An introductory study of diction and language for singers selected from the following range: English diction, Italian, French and German.

(P) Audition; (C) PERF 130 in Voice or Piano or PERF 120 or PERF 103 in Voice.

PERF 151 15 POINTS (2/3)
Māori Music Performance
Introductory performance study of Māori music with an understanding of the cultural contexts.

(X) MUSC 151.

Music

200-level courses

MUSC 236 Music in the 18th Century: Enlightenment and Revolution
MUSC 237 Music in the 19th Century
MUSC 245 Music in the 20th Century
MUSC 247 Film Music
MUSC 248 Popular Music Perspectives
MUSC 249 Music in New Zealand Society
MUSC 264 Jazz Theory 2
MUSC 266 Music Theory and Musicianship 3

Music

300-level courses

MUSC 309 Special Topic: Music and Conflict
MUSC 329 Studies in Jazz: Global Jazz
MUSC 331 Studies in Instrumental Music: The Worlds of the Orchestra
MUSC 340 Historical Performance Practice
MUSC 351 Studies in Music and Dance of Oceania

Music: Composition

200-level courses

CMPO 201 Instrumental/Vocal Composition 2: Form, Process, and Materials
CMPO 210 Electronic Music and Experimental Sound Design
CMPO 220 Jazz Composition Principal Study 1
CMPO 230 Projects in Small Ensemble Composition/Orchestration
CMPO 235 Jazz Arranging and Composition 1

Music: Composition

300-level courses

CMPO 301 Advanced Techniques in Instrumental/Vocal Composition
CMPO 305 Topic in Composition/Sonic Arts: Sample-based Orchestration and Creative Live Instrumentation for Film
CMPO 306  Topic in Composition/Sonic Arts
CMPO 310  Electronic Music, Sound Design and Spatial Audio
CMPO 320  Advanced Jazz Composition 1
CMPO 330  Large Ensemble Orchestration
CMPO 335  Jazz Arranging and Composition 2

Music: Performance
200-level courses
PERF 203  Performance Second Study 2
PERF 210  Introduction to Conducting
PERF 220  Jazz Performance 2
PERF 221  Jazz Improvisation 2
PERF 222  Jazz Ensemble 2
PERF 223  Advanced Fusion Ensemble
PERF 224  Latin Ensemble
PERF 229  Classical Performance 2
PERF 232  Accompanying 2
PERF 233  Small Ensemble 2
PERF 234  Large Ensemble 2
PERF 235  Vocal Ensemble and Stagecraft 2
PERF 236  Diction and Language 2
PERF 250  Gamelan Performance

Music: Performance
300-level courses
PERF 303  Performance Second Study 3
PERF 320  Jazz Performance 3
PERF 322  Jazz Ensemble 3
PERF 324  Advanced Latin Ensemble
PERF 330  Classical Performance 3
PERF 332  Accompanying 3
PERF 333  Small Ensemble 3
PERF 334  Large Ensemble 3
PERF 335  Vocal Ensemble and Stagecraft 3
PERF 336  Diction and Language 3

Related subjects
Art History, Asian Studies, Creative Writing, Cultural Anthropology, English Literature, Film, History, Māori Studies, Media Studies, Modern Language Studies, Pacific Studies, Theatre

Careers
Arts manager, broadcaster, composer, librarian, music therapist, music producer, musician, publisher, teacher

NEW ZEALAND SIGN LANGUAGE
New Zealand Sign Language (NZSL) is the language of the Deaf community which was formally recognised in 2006 as an official language of New Zealand. It is used by more than 20,000 people.

Victoria University offers study of the language, community and cultural experiences of Deaf people. You can add a minor in NZSL to many degree programmes, and postgraduate research opportunities are available.

We cater for both learners and teachers of NZSL. Courses in NZSL attract undergraduate students from a wide range of arts, social science and science majors, while other NZSL courses are designed for members of the Deaf community to train as NZSL teachers.

First-year courses
NZSL 101  Introduction to New Zealand Sign Language 20 POINTS (1/3)
A beginners’ course in NZSL, emphasising acquisition of basic receptive and expressive skills in sign language for everyday conversations. The course also includes information about aspects of grammatical structure and the Deaf community and culture.

NZSL 102  Elementary New Zealand Sign Language 20 POINTS (2/3)
This course further develops beginners’ skills in understanding and using NZSL, and extends students’ understanding of the Deaf community and culture in New Zealand.

(P) NZSL 101 (DEAF 101) or equivalent proficiency in NZSL.

200-level courses
NZSL 201  Intermediate New Zealand Sign Language A
NZSL 202  Intermediate New Zealand Sign Language B

300-level course
NZSL 311  Structure and Use of New Zealand Sign Language

Related subjects
Cultural Anthropology, Education, Languages and Cultures, Linguistics, Modern Language Studies, Psychology, Sociology, TESOL

Careers
Roles in interpreting, policy analysis, research, social services, social work, teaching.

PACIFIC STUDIES
See page 56 for major requirements.

The Pacific Studies programme provides students the chance to develop critical perspectives on knowledge about the diverse cultures and communities of the Pacific. New Zealand is part of the Pacific region, and this is reflected in the BA major in Pacific Studies.

In the Pacific Studies major you will use a range of scholarly tools and methods to critically and creatively reflect on the past, present and future of Pacific peoples and places. You will develop your ability to effectively communicate your expanding knowledge of the Pacific, and confidently and competently communicate Pacific perspectives. You will also take at least one Pacific Island language: Samoan, Māori or French.

New Zealand has traditionally had a close relationship with the Pacific and remains an important political, economic and cultural gateway to the Pacific today. There is a high demand in the workforce for students who recognise and understand Pacific issues and ways of working with Pacific people. Pacific Studies gives you the tools to make an important contribution to this region we call home.

First-year course
PASI 101 20 POINTS (1/3)
The Pacific Heritage
This is a survey course covering a range of Pacific topics and nations, drawing on sociocultural, geographical, economical, historical and creative approaches, including indigenous perspectives.
200-level courses

ARTH 214  Art in the Pacific
CREW 256  Special Topic: Māori and Pasifika Creative Writing Workshop / Te Hiringa a Tuhi
EDUC 224  Pacific Nations Education
HIST 219  Pacific History
MAOR 212  Te Ao Hangarau, ā Rēhia / Culture, Performance and Technology
MAOR 216  Te Tiriti o Waitangi / The Treaty of Waitangi
MAOR 217  Te Puwhenuatanga o Te Moana-nui-a-Kiwa / The Peopling of Polynesia
MUSC 251  Perspectives on Music and Dance of Oceania
PASI 201  Comparative History in Polynesia
PASI 202  Globalisation and Popular Culture in the Pacific
SAMO 201  Samoan Language and Oratory
SAMO 202  Samoan Literature / Fa'asinomaga ma Tusitusiga Samoa

300-level courses

ANTH 308  Anthropology in Oceania
ARTH 336  Topics in Pacific Art
EDUC 322  Multiethnic Education
EDUC 323  Contemporary Issues in Indigenous Education Aotearoa
HIST 336  The Pacific Islands after 1945
LAWS 347  Pacific Legal Studies
MUSC 351  Studies in Music and Dance of Oceania
PASI 301  Framing the Pacific: Theorising Culture and Society
PASI 303  Migration, Diaspora and Identity in the Pacific
SAMO 301  Samoan Language and Customs
SAMO 302  Interpreting and Translation

Related subjects

Art History, Cultural Anthropology, Development Studies, Education, English, French, History, International Relations, Māori Studies, Media Studies, Political Science, Samoan Studies, Social Policy, Sociology

Careers

Roles in arts and heritage industries, civil service, creative industries, diplomacy, education, government, human resources, international relations, journalism, media and communications, museums and galleries, non-governmental organisations, Pacific services management, policy analysis, research, social services, teaching, tourism

Performance Music

See Music.

Philosophy

See page 56 for major requirements.

Philosophy focuses on fundamental issues about what we believe, about meaning and truth, about what we know and what might be possible. Many of the questions dealt with spring naturally out of everyday things we say and do, but some spring from the natural and social sciences.

Philosophy courses are invaluable in analysing and presenting arguments. These skills and approaches can be powerfully applied to many other subjects, and used in many careers. You can choose to major in Philosophy within a BA, or be confident that whatever your choice of major, there will be Philosophy courses relevant to it.

Analysing issues from multiple perspectives, thinking creatively and logically and synthesising information are skills you can use in any career and any situation. Improve your mental fitness with Philosophy, the ultimate workout for your brain.

First-year courses

PHIL 104  Minds, Brains and Persons  20 POINTS
PHIL 105  The Big Questions  20 POINTS (1/3)
PHIL 106  Contemporary Ethical Issues  20 POINTS (2/3)
PHIL 107  Philosophy of Media and the Arts  20 POINTS
PHIL 123  Critical Thinking  20 POINTS (3/3)

200-level courses

PHIL 201  Knowledge and Reality
PHIL 202  Ethics
PHIL 211  Introduction to Logic
PHIL 264  Ethics and International Affairs
PHIL 265  Mind and Cognition
PHIL 267  Great Philosophers

300-level courses

PHIL 302  Ethical Theory
PHIL 313  Philosophy of the Arts
PHIL 331  Language and the World
PHIL 335  Logic
PHIL 361  Bioethics
PHIL 371  Paradoxes
PHIL 372  Free Will and Moral Responsibility
PHIL 373  Experimental Philosophy
POLS 360  A Topic in Political Philosophy: Feminist Theory

Related subjects

**Careers**

Roles in business, advertising, ethics, human resources, management, journalism, law. Job titles include business analyst, communications adviser, event manager, human resources manager, library manager, market researcher, policy analyst, project manager, research analyst, research assistant.

**PHYSICAL GEOGRAPHY**

*See page 110 for major requirements.*

Physical geography is the study of the Earth's surface features and processes. It aims to explain the geographic pattern of landforms, soils, vegetation, hydrology, coasts and climate by understanding processes that work at the surface of the Earth.

Victoria University offers New Zealand's only undergraduate major and postgraduate degrees in Physical Geography. The major focuses on understanding the evolution and processes driving alpine, glacier, hill-slope, river and climate systems. An extensive field and laboratory programme occurs in combination with lectures. The major also includes skills and techniques, particularly in the visualisation of geographic information, research design and field methods. All these skills are in high demand from employers.

**First-year courses**

**ESCI 111** 15 POINTS (1/3)

*The Earth System: An Introduction to Physical Geography and Earth Sciences*

The course focuses on the physical processes that have shaped the Earth from its birth during the formation of the solar system, through geological time, to the contemporary landscape. A one-day field trip takes advantage of Wellington's dynamic landscape to observe and describe active Earth-surface processes.

**ESCI 112** 15 POINTS (2/3)

*Fundamentals of Geology*

An introduction to geology, Earth and planetary history, rock-forming processes and geological time through the study of minerals, fossils, rocks and geological maps.

**GEOG 112** 15 POINTS (2/3)

*An Introduction to Human Geography and Development Studies*

An introduction to the basic concepts and processes of human geography and development, using case studies from the Asia Pacific region and New Zealand's place within it.

**GEOG 114** 15 POINTS (1/3)

*Environment and Resources: The Foundations*

The course integrates the physical, social, economic and political factors associated with environmental change. Students gain the foundations for understanding and analysing the complexity of contemporary environmental issues.

**200-level core courses**

**GEOG 222** 15 POINTS

Ecology and Environment

and two of:

**GEOG 215** 15 POINTS

Introduction to Geographic Information Systems (GIS) and Science

**GEOG 220** 15 POINTS

Hydrology and Climate

**GEOG 224** 15 POINTS

Geomorphology

**300-level core courses**

**GEOG 324** 15 POINTS

Research Design

**GEOG 325** 15 POINTS

Field Methods

and two of:

**GEOG 318** 15 POINTS

Quaternary Environmental Change

**GEOG 319** 15 POINTS

Applied Geomorphology

**GEOG 321** 15 POINTS

Ice and Climate

**Related subjects**

Biology, Chemistry, Development Studies, Environmental Science, Environmental Studies, Geology, Geophysics, Physics

**Careers**

Project manager, resource developer, modeller, policy analyst, researcher, teacher and related positions in government ministries, city and regional councils, Crown research institutes, mining companies, consulting companies and schools.

**PHYSICS**

*See page 110 for major requirements.*

Physics is about everything. It is the most fundamental of all the sciences and aims to understand how nature is put together and how it works—from fundamental particles to complex materials, from the kinetic energy of a speeding car to the nuclear energy released by fusion in the core of a star. The basic concepts of physics, the effect of a force for example, can be applied in multitudes of different situations—mechanical, electrical, magnetic, astronomical, chemical or biological. Physics is therefore the foundation on which all the other sciences are built. It also teaches principles essential in many applied disciplines such as engineering, architecture, environmental studies, information technology.

In addition to the BSc majors in Physics and Applied Physics, Physics courses are also required for some specialisations in the BE(Hons) degree, and for majors in Electronic and Computer Systems and Geophysics.

The School of Chemical and Physical Sciences is proud to host the MacDiarmid Institute for Advanced Materials and Nanotechnology, one of New Zealand's first Centres of Research Excellence. Other research areas include condensed matter physics, astrophysics, geophysics, environmental and theoretical physics.

**First-year courses**

**PHYS 114** 15 POINTS (1/3)

*Physics 1A*

PHYS 114 develops the subjects of non-relativistic mechanics, wave motion, fluids and quantum physics. The course is taught through a wide range of real-world applications, demonstrations and laboratory work.

Acceptance into PHYS 114 is conditional on 18 NCEA Level 3 achievement standard credits in Physics, including:

- 3.4 Mechanical Systems (AS91524) and
- 3.6 Electrical Systems (AS91526) and either
- 3.3 Wave Systems (AS91523) or
- 3.1 Practical Investigation (AS91521)

and at least 12 NCEA Level 3 achievement standard credits in
Mathematics, including:
- 3.6 Differentiation (AS91578)
- 3.7 Integration (AS91579).

Acceptance into PHYS 114 is conditional on a minimum of D or better in both Physics and Mathematics in the A level Cambridge International Examinations.

Acceptance into PHYS 114 is conditional on a minimum of 4 or better on the International Baccalaureate grade scale in both Physics and Mathematics.

PHYS 115 15 POINTS (2/3)
**Physics 1B**

PHYS 115 covers the theory and applications of geometrical and physical optics, thermal physics and properties of matter and electromagnetism.

Acceptance into PHYS 115 is conditional on 18 NCEA Level 3 achievement standard credits in Physics including:
- 3.4 Mechanical Systems (AS91524) and
- 3.6 Electrical Systems (AS91526) and either
- 3.3 Wave Systems (AS91523) or
- 3.1 Practical Investigation (AS91521)
and at least 12 NCEA Level 3 achievement standard credits in Mathematics, including:
- 3.6 Differentiation (AS91578)
- 3.7 Integration (AS91579).

Acceptance into PHYS 115 as per PHYS 114 requirements above.

PHYS 122 15 POINTS
**Introduction to Physics for Scientists and Engineers**

Not offered in 2019.

PHYS 131 15 POINTS (1/3)
**Energy and Environmental Physics**

PHYS 131 is an introduction to the applications of physics to everyday energy issues and real-world environmental problems. It also serves to teach fundamental concepts of physics through these examples. Topics covered include a scientific and environmental evaluation of different energy resources, Earth’s energy balance, including the greenhouse effect and global warming, simple climate theory and radiation hazards. Areas of physics covered are mechanics, electricity, heat, light and electromagnetic radiation, atomic physics and radioactivity. PHYS 131 is very relevant to Environmental Science students; it also provides the background in physics concepts necessary for PHYS 114 and PHYS 115. It is suitable for students with a general background in high school science and mathematics.

PHYS 132 15 POINTS (2/3)
**Introductory Astronomy**

Topics include ancient and classical astronomy, elementary spherical astronomy, astronomical observations and techniques, planets, stars, compact stars, galaxies and elementary cosmology.

SARC 122 15 POINTS (2/3)
**Introduction to Applied Physics, Numerical Methods and Statistics for Designers**

Applied physics, algebra and statistics relevant to the study of design and the built environment. This course is part of the BAS and the BBSc.

200-level courses

- PHYS 209  Physics of the Earth and Planets
- PHYS 217  Applied Physics
- PHYS 221  Relativity and Quantum Physics
- PHYS 222  Electrons and Photons
- PHYS 223  Classical Physics

300-level courses

- PHYS 304  Electromagnetism
- PHYS 305  Thermal Physics
- PHYS 307  Quantum Physics
- PHYS 309  Solid State and Nuclear Physics
- PHYS 339  Experimental Techniques
- PHYS 343  Topics in Applied Physics

Related subjects

Architecture, Chemistry, Computer Science, Engineering, Geophysics, Mathematics, Teaching

Careers

Roles in aviation, electronics, engineering, information technology, instrumentation, medical physics. Job titles include lab demonstrator, meteorologist, operations researcher, research scientist, software designer, statistical analyst, teacher, traffic engineer.

POLITICAL SCIENCE AND INTERNATIONAL RELATIONS

See pages 56 for major requirements.

How can we resolve conflicts between states? How do the people who govern and the people who are governed really behave and why? Can our political systems, domestically and internationally, be improved? How can we do it?

These are fundamental questions that are asked and answered in Political Science and International Relations. And it isn’t just theory. We use contemporary examples of countries from around the world to show you what governments are and how they use their power. You can choose to major in either Political Science or in International Relations, unique to Victoria University. There are four streams: international relations; comparative politics; political theory; and New Zealand politics.

In your first year, you’ll be offered introductions to political systems, ideas and world politics. From there you can go into the theory and ethics that determine how we are governed, or you can study revolutions and dictators or contemporary organisations such as the European Union. It has never been more important to have a broad knowledge of world politics—you know it, and employers everywhere know it too. Where better than the capital to study politics?
First-year courses

POLS 111  20 POINTS (1/3)
Introduction to New Zealand Government and Politics
The aim of this course is to develop knowledge of New Zealand politics and government through the lens of political science. We focus on key themes and current developments, and because we are situated in Wellington we are able to call on politicians and other political actors to contribute to the course.

POLS 112  20 POINTS (2/3)
Introduction to Political Ideas
This course offers an overview of major political ideologies, concepts and debates. It is intended to provide students with a solid base in the political ideas that have a prominent place in a variety of POLS and INTP courses. Topics covered range from justice and equality to the morality of war.

POLS 114  20 POINTS (1/3)
Introduction to Comparative Politics
What can we learn by comparing the politics and government of different countries? This course examines competing explanations for democratic and authoritarian regimes including economic, cultural and institutional theories of state development. These theories are then applied to several case studies.

INTP 113  20 POINTS (1/3)
Introduction to International Relations
This course is an introduction to the principal concepts, issues and theoretical debates within the field of International Relations. Topics covered include: power, diplomacy, the United Nations, arms control, terrorism, developmental politics, civil society and international political economy. Upon completion of the course, students should have a good basic understanding of international relations and a solid foundation for taking upper-level courses on the subject.

INTP 115  20 POINTS (2/3)
Introduction to Security Studies
Why do some countries fear for their safety or survival? Are other states or non-state actors the main problems? Are all security problems about violence? And how do policymakers analyse security issues? In posing these, and other questions, this course will reveal key issues and perspectives in security studies.

200-level courses

INTP 204  International Relations Theory: World Order and its Critics
INTP 244  New Zealand in the World
INTP 245  Foreign Policy Analysis
INTP 247  International Relations: Wealth and World Affairs
INTP 248  International Security
INTP 261  Political Philosophy and International Relations
POLS 203  East Asian Politics
POLS 205  The New Europe
POLS 207  American Politics
POLS 208  Political Change in Southeast Asia
POLS 209  Dictatorships and Revolutions
POLS 231  Governing Divided Societies
POLS 252  Citizens’ Politics: Public Opinion and Elections
HIST 249  New Zealand Political History
PHIL 264  Ethics and International Affairs

300-level courses

INTP 301  Special Topic: The Politics and Foreign Policy of Japan
INTP 302  International Politics of the Environment
INTP 303  Critical Global Politics
INTP 346  International Politics of Development
INTP 351  Power and Policies in the European Union
INTP 352  U.S. Strategy towards Asia and the Middle East
INTP 354  International Relations of East Asia
INTP 363  Human Rights
INTP 371  Human Security
INTP 372  International Organisations: Change and Continuity
INTP 378  Special Topic: China Field Study
INTP 379  The Rise and Fall of Great Powers
POLS 353  Growing Pains: New Zealand Politics 1975 to Present
POLS 362  A Topic in Political Philosophy: Feminist Theory
POLS 364  The Media and Election Campaigns: A Comparative Survey
POLS 383  Research Methods in Political Science
HIST 321**  International History: The Cold War World, 1945–1991
HIST 336  The Pacific Islands after 1945
MAOR 316***  Tōrangapū Māori / Māori Politics
PHIL 303***  Contemporary Political Philosophy

** Available only for students enrolled in the International Relations major, not the Political Science major.

*** Available only for students enrolled in the Political Science major, not the International Relations major.

Related subjects
Asian Studies, Economics, Geography, History, Languages and Culture, Law, Media Studies, Pacific Studies, Philosophy, Public Policy, Social Policy, Sociology

Careers
Roles in broadcasting, government, journalism, international organisations, politics, public relations. Job titles include communications adviser, historian, journalist, legal and research officer, market researcher, policy analyst, press secretary, researcher.

POPULATION HEALTH, POLICY AND SERVICE DELIVERY
See page 92 for major requirements.
See Health.

PROJECT MANAGEMENT
See page 65 for major requirements.
See Building Science.
PSYCHOLOGY

See pages 57 and 110 for major requirements.

How can we explain how people react to different situations? What’s normal?

Students of Psychology ask questions about normal and abnormal behaviours and try to provide answers that incorporate an understanding of the way we think, the way we interact with others, our cultural identity, our biological make-up, our environment and our experiences. You’ll study under staff with international reputations, and explore topics like abnormal psychology, how the brain and behaviour are linked, how memory works and how children gather their language as they begin to speak.

Because psychology is both a social science and a science, we offer a major in Psychology for a BA or a BSc. It is easy to combine another major with Psychology or, if you have a wide range of interests, you may wish to take both a BA and a BSc. Graduates with degrees in Psychology are sought after by employers for their insight and scientific understanding of complex human behaviours.

PSYC 101 is offered online during the 2018–19 summer trimester, and, although not a requirement, offers an introduction to the field of psychology.

First-year courses

PSYC 121 15 POINTS (1/3)
Introduction to Psychology 1
An introduction to methods of research in psychology, social processes, individual differences, abnormal behaviour, human development and language.

PSYC 122 15 POINTS (2/3)
Introduction to Psychology 2
An introduction to the biological basis of behaviour, psychophysics, perception, attention, learning, memory and applied psychology.

200-level courses

PSYC 221 Social Psychology
PSYC 231 Cognitive Psychology
PSYC 232 Research Methods in Psychology
PSYC 233 Brain and Behaviour
PSYC 235 Abnormal Psychology
PSYC 248 Lifespan Development

300-level courses

PSYC 322 Memory
PSYC 324 Child Cognition and Development in Psychology
PSYC 325 Advanced Research Methods
PSYC 326 Discourse and Social Psychology
PSYC 327 Cognitive and Behavioural Neuroscience
PSYC 331 Perception and Attention
PSYC 332 Behaviour Analysis
PSYC 333 Applied Social Psychology
PSYC 334 Industrial and Organisational Psychology
PSYC 335 Psychology, Crime and Law
PSYC 337 Family Psychology
PSYC 338 Cross-Cultural Psychology

Related subjects


Careers

Applied researcher, behaviourist, clinical practitioner, community support worker, copy editor, counsellor, human resource manager, marketing, market researcher, psychologist, recruitment consultant, research assistant, risk assessment coordinator, service organisations, special education teacher, speech therapist, sound engineer, youth worker

PUBLIC POLICY

See pages 57 and 71 for major requirements.

The study of Public Policy focuses on what decisions governments must make on behalf of ‘the people’, and how they can best make these decisions. What better place to study the policy of government than right in the political heart of Wellington, the capital city? At Rutherford House, the School of Government is based within a few hundred metres of Parliament, the Beehive, the High Court and government departments and policy ministries—the places where the policy agenda is shaped, and where policy decisions are made.

A major in Public Policy can be within a BCom or a BA. Your first year may start with introductory courses in Economics, Political Science, Public Management or Public Policy. After that, you will specialise in courses that deal directly with how and why governments at various levels make the policy they do. You’ll examine the relationship between the state and the individual, the policy process, accountability of the public sector and the problems in managing public sector organisations.

Whatever you choose to focus on, a major in Public Policy is a valuable tool in understanding government and policy-making from the inside out.

First-year course

PUBL 113 20 POINTS (1/3)
Social and Public Policy: Values and Change

This course focuses on the values and ideologies that underpin social policy and public policy in New Zealand. The course will examine the economic, political and institutional arrangements within New Zealand which impact upon policy development and implementation.

(D) SPOL 113

200-level courses

PUBL 201 Introduction to Public Policy
PUBL 203 Introduction to Public Economics
PUBL 205 Development Policy and Management
PUBL 209 Introduction to Public Economics
PUBL 210 Policy Analysis Methods and Practice
PUBL 211 Introduction to Public Management

300-level courses

PUBL 303 Public Sector Economics
PUBL 304 Cabinet Government
PUBL 307 Environmental Policy and Governance
PUBL 310 Innovations in Public Policy
PUBL 311 Emerging Perspectives in Public Management

Related subjects

Economics, Education, Environmental Studies, Geography, International Relations, Law, Management, Political Science, Social Policy

Check www.victoria.ac.nz/courses for 200- and 300-level prerequisites.
CAREERS

Community organisations, complaints investigator, compliance analyst, government departments and ministries, iwi organisations, local government, policy analyst, politics, press secretary, regional government, social science researcher, workplace services officer

RELIGIOUS STUDIES

See page 57 for major requirements.

Religion remains central to politics, society and culture in our world today. In Religious Studies, we look at the role of religion in conflict and peace-making, politics and law, and morality and ethics. As a discipline in the humanities, we study religion to better understand ourselves and others.

We are global in our outlook, with courses on Buddhism, Christianity, Hinduism, Islam and Judaism. Our students learn about myths, rituals, values and beliefs, and we teach a range of approaches to the study of religion. Advanced courses explore themes based on the research interests of our world-class academic staff, such as psychology of religion, religion and politics, and religion and identity. Many of our students creatively combine their Religious Studies major with courses in other subjects, such as Law, Political Science, Anthropology, Asian Studies and International Relations.

Religious Studies teaches writing, research and thinking skills that employers value highly. Our graduates have successful careers in private industry, law, government departments and education. Many of our graduates draw on their knowledge of other cultures and an appreciation of human diversity to pursue jobs with international dimensions.

First-year courses

RELI 106 20 POINTS
Religious experience
Not offered in 2019.

RELI 107 20 POINTS (3/3)
Religion, Law and Politics
This course examines the interplay of religion, law and politics in the contemporary world. Themes include the relationships between religion and politics, religious freedom, religion and conflict. Case studies explore different religions focusing on current debates, including the role of religion in contentious legislation and in forms of political violence.

RELI 108 20 POINTS (1/3)
The World's Religions
This course introduces students to the major religious traditions: Buddhism; Christianity; Hinduism; Islam; and Judaism. We study the most important religious texts, spiritual leaders and ritual practices in history, and we also explore contemporary issues and controversies.

RELI 113 20 POINTS (2/3)
What is Religion?
Religion is central to society, politics and culture in our world today. We look at the role of religion in shaping current debates about vital issues in New Zealand and overseas, such as fundamentalism and extremism, religion, politics, economy and religious diversity. We look at contemporary moral questions such as same-sex marriage, euthanasia and the death penalty.

200-level courses

RELI 210 Special Topic
RELI 221 Politics and Religion
RELI 226 Psychology of Religion
RELI 227 Special Topic
RELI 228 Evil and Salvation
RELI 229 Confronting Death
RELI 230 Ecology and Spirituality
RELI 231 Identity, Communities and Traditions
RELI 232 Violence and Conflict
RELI 233 Reading Religious Texts

300-level courses

RELI 310 Special Topic
RELI 327 Special Topic
RELI 335 Arguing about Religion
RELI 336 Islam
RELI 337 Indian Religions
RELI 338 Buddhism
RELI 339 Judaism
RELI 340 Religion in New Zealand and the Pacific
RELI 341 Christianity

Related subjects

Art History, Asian Studies, Classical Studies, Cultural Anthropology, History, Law, Media Studies, Music, Philosophy, Political Science, Psychology, Sociology

Careers

Roles in community organisations, education, government, health and journalism. Job titles include consultant, counsellor, journalist, policy analyst, social worker.

RENEWABLE ENERGY SYSTEMS*

Majors under both the BEng(Hons) and the BSc degrees are currently under development and planned to be offered in 2019.

* Subject to regulatory approval.

SAMOAN STUDIES / MATĀʻUPU TAU SĀMOA

See page 57 for major requirements.

The Samoan Studies / Matāʻupu tau Sāmoa programme offers the opportunity to learn, practise and study Samoan language, culture, history, literature and politics.

The programme runs language learning classes alongside academic analyses of Samoan phenomena. It promotes student engagement with Samoan language and English language writings and other media commentaries on Samoan-related topics. These include Samoan oratory, Samoan literature, the fāmatatī (Samoan's chiefly system), tatau (traditional Samoan tattooing culture), Samoan myths and legends, Samoan music and arts, Samoan diasporic communities, Samoans in sport and so on. The programme encourages group and individual learning and actively supports the national Samoan Language Week.

The Samoan Studies / Matāʻupu tau Sāmoa programme draws on other topics such as Art History, Cultural Anthropology, Education, History, Law, Linguistics, Music, Politics and Religious Studies. Our courses contribute to majors in Pacific Studies and Modern Language Studies.
First-year courses
SAMO 101  20 POINTS (1/3)
Introduction to Samoan Language
An introduction to speaking, understanding, reading and writing Samoan with emphasis on spoken language skills. Acceptance into SAMO 101 is conditional on the results of language-placement testing to be held in the week beginning 25 February 2019 (New Students’ Orientation).

SAMO 102  20 POINTS (2/3)
Conversational Samoan
A course aimed at developing oral skills and confidence in pronunciation of Samoan vocabulary, speaking and understanding conversational Samoan. There are no prerequisites for entry. Acceptance into SAMO 102 is conditional on the results of language-placement testing to be held in the week beginning 25 February 2019 (New Students’ Orientation).

SAMO 111  20 POINTS
Samoan Society and Culture
Not offered in 2019.

200-level courses
SAMO 201  Samoa Language and Oratory
SAMO 202  Samoan Literature / Fa‘asinomaga ma Tusitusiga Samoa

300-level courses
SAMO 301  Samoan Language and Customs
SAMO 302  Interpreting and Translation

Related subjects

Careers
Roles in arts and heritage industries, civil service, community organisations, creative industries, diplomacy, education, export-import, government, health sector, housing sector, human resources, international relations, journalism, media and communications, museums and galleries, non-governmental organisations, Pacific services management, policy analysis, research, social services, teaching, tourism, translation and interpreting

SCIENCE IN CONTEXT
Science in Context is offered as a minor for students across a range of disciplines. It explores the relationships between science and technology, scientists and society, the history and philosophy of science and the communication of scientific ideas and issues to different audiences through a range of media. It is available as a minor subject for a BSc, BA, BCom or BDI.

Courses provide science students with a broader perspective on their discipline and provide non-science students with an introduction to scientific concepts and issues. Most courses are fully online and feature pre-recorded lectures and online discussion forums, allowing students to work at their own pace, and from wherever they want.

Study for the Science in Context minor begins at 200 level. However, SCIS 101, an online course that looks at a broad range of contemporary scientific concepts relevant to everyday life, is also offered.

100-level course
SCIS 101  Science in Everyday Life

200-level courses
ESCI 201  Climate Change and New Zealand’s Future
SCIS 211  Contemporary Issues in Science and Society
SCIS 212  Energy, Society and the Future

300-level courses
CREW 352  Creative Writing Workshop: Science Writing
SCIS 310  Innovation and Entrepreneurship in Science
SCIS 311  Science Communication (Core course)
SCIS 312  Revolutions in Science
SCIS 313  Antarctic Science and Culture

And other approved courses above 100 level (for example, MAOR 202, 302 or PHIL 318).

Related subjects
Criminology, Data Science, Economics, Education, Gender and Sexuality Studies, Geography, History, Law, Political Science, Public Policy, Social Policy, Statistics

Careers
Journalist, management consultant, market researcher, policy analyst in community or government organisations, social science researcher, union worker

SOCIAL POLICY
Social Policy is available as a minor. It is concerned with the study of the needs and wellbeing of the population and how a society organises to meet such needs. Social Policy includes social issues such as the alleviation of poverty, the provision of healthcare, the allocation of housing resources, equity in education and the Treaty of Waitangi debate. Those seeking careers in government departments and the non-profit sector will find it useful to include Social Policy in their degrees.

Staff research interests include: social movements; policy-making and political processes; women and political representation in New Zealand; childcare and unpaid work; social inequality; sexual and gender-based violence; and philanthropy and the non-profit sector.

First-year course
SPOL 113  20 POINTS (1/3)
Social and Public Policy: Values and Change
This course focuses on the values and ideologies that underpin social policy and public policy in New Zealand. The course will examine the economic, political and institutional arrangements within New Zealand which impact upon policy development and implementation. Also taught as PUBL 113.

(X) SPOL 111, 112; (D) PUBL 113.
200-level courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SACS 201</td>
<td>Methods in Social and Cultural Research</td>
</tr>
<tr>
<td>SACS 202</td>
<td>Topic in Feminist Theory: Key Thinkers and Perspectives</td>
</tr>
<tr>
<td>SPOL 203</td>
<td>Special Topic: Social Policy in Times of Crisis and Change</td>
</tr>
<tr>
<td>SPOL 209</td>
<td>Social Policy and the Family</td>
</tr>
<tr>
<td>SPOL 220</td>
<td>Comparative Welfare Regimes</td>
</tr>
<tr>
<td>SOSC 221</td>
<td>Special Topic</td>
</tr>
</tbody>
</table>

300-level courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPOL 306</td>
<td>Social Inequality</td>
</tr>
<tr>
<td>SOSC 318</td>
<td>Social Movements and the State</td>
</tr>
<tr>
<td>SOSC 319</td>
<td>Knowledge, Power and Social Research</td>
</tr>
</tbody>
</table>

Related subjects

- Criminology, Data Science, Economics, Education, Gender and Sexuality Studies, Geography, History, Law, Political Science, Public Policy, Social Policy, Statistics

Careers

- Journalist, management consultant, market researcher, policy analyst in community or government organisations, social science researcher, union worker

SOCIOMETRY

See page 57 for major requirements.

Sociology is the study of social life. Sociologists examine all kinds of group situations, from interpersonal relationships to global links between peoples, in order to understand and explain social patterns in our own and other societies.

Sociologists explore many aspects of the social world, asking challenging questions about it. For example: How do we view and use our bodies? What shapes our identities? Why do we hold the beliefs that we do? Why do things change or remain the same? In seeking answers, you will encounter a range of different social theories and acquire a variety of useful research skills and perspectives.

Sociology is an exciting discipline, with ideas and methods that add fresh insights into the major issues confronting our world and our ability to deal with them. In the process, it opens up new life experiences and opportunities for a wide range of career paths.

First-year courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOSC 102*</td>
<td>20 POINTS (2/3) Doing Sociology</td>
</tr>
<tr>
<td>SOSC 111</td>
<td>20 POINTS (1/3) Sociology: Foundations and Concepts</td>
</tr>
</tbody>
</table>

SOFTWARE ENGINEERING

See page 86 for major requirements.

See Engineering.

SONIC ARTS AND MUSIC TECHNOLOGY

See page 102 for major requirements

See Music.

SPANISH

See page 57 for major requirements.

Studying the language and cultures of Spain and Latin America can take you to 20 countries where Spanish is officially spoken. Spanish and Latin American Studies opens up a world of opportunities and is the logical choice for a career with an international focus.

Spanish combines well with other subjects; for example, with Law as part of a conjoint BA/LLB, or in double majors or degrees with Art History, Development Studies, International Relations, Media Studies, Political Science, Public Policy, Social Policy, Statistics

Careers

- Community support worker, journalist, market researcher, mental health support worker, policy analyst in government or community organisations, resource manager, social science researcher, social worker, teacher, town planner, union worker

* Subject to regulatory approval.
literature and cultural studies including gender, historical memory, national identity, race and women writers, as well as literary translation and crime fiction.

First-year courses

SPAN 111  20 POINTS (1/3)
Introduction to the Spanish Language
This course is designed to introduce absolute beginners to the basics of the Spanish language through practice in speaking, listening, reading and writing. This course is for absolute beginners. It may not be taken by students with prior knowledge of the language.

(X) Prior knowledge as determined by academic staff teaching in the major.

SPAN 112  20 POINTS (2/3)
Elementary Spanish
This course builds on SPAN 111, consolidating and increasing students’ knowledge of and proficiency in both written and oral Spanish.

(P) SPAN 111 or NCEA Level 2 in Spanish.

200-level courses

LANG 201  Capital Cities: Their Culture and Stories
SPAN 214  Topic in Hispanic Studies
SPAN 215  Spanish Language 2A
SPAN 216  Spanish Language 2B
FHSS 210  Language Study Abroad

300-level courses

SPAN 312  Hispanic Literary Studies: 20th- and 21st-century Texts
SPAN 313  Special Topic
SPAN 315  Spanish Language 3A
SPAN 316  Spanish Language 3B
FHSS 310  Study Abroad for Language Students

Related subjects

Careers
Roles in banking, diplomacy, education, finance, government, international agencies, international business, international law, journalism, librarian, tourism, translation and interpreting

SUSTAINABLE ENGINEERING SYSTEMS

See page 65 for major requirements.
See Building Science.

STATISTICS

See page 110 for major requirements.
The amount of data in the world is exponentially increasing. Statistics and computational modelling are key to this growth; these disciplines are concerned with the collection, analysis and interpretation of data, the modelling and simulation of systems and processes, providing mathematical and computational tools for understanding and decision-making in an information-rich world.

A Statistics major is an extremely useful complement to other subject areas such as Biology, Computer Science, Engineering, Finance, Geography, Geophysics, Health, Linguistics, Psychology and Social Policy, as well as many other sciences. The Statistics major in the BSc has a flexible structure and allows the student to choose to concentrate on mathematical, applied or computational aspects of statistics and modelling.

With increasing amounts of data being collected, employers big and small, public and private have a growing need for graduates who are confident with data. They need people who know how to display, analyse, model and interpret data to enable deeper understanding and to assist decision-making.

First-year courses

MATH 177  15 POINTS (2/3)
Probability and Decision Modelling
An introduction to probability models in statistics, decision-making and operations research including key concepts of probability, random variables and their distributions, decision theory and queuing systems. Goodness of fit tests are used to check the validity of fitted models.

Entry requirement: 16 NCEA Level 3 credits in Calculus or Statistics, including Level 3 achievement standards 3.6 Differentiation (AS91578) and 3.7 Integration (AS91579), or successful completion of MATH 141.

STAT 193  15 POINTS (1/3) (2/3) (3/3)
Statistics in Practice
An applied statistics course for students who will be advancing in other disciplines as well as those majoring in Statistics. Topics covered include estimation and comparison of means and proportions, simple regression and correlation, and analysis of variance. It is particularly suitable for students majoring in Biological Science subjects, Geography, Health, Linguistics, Psychology and social sciences such as Education.

QUAN 102 is similar to STAT 193, and can be substituted if necessary.

200-level courses

MATH 277  Mathematical Statistics
OPRE 253^  Operations Research
STAT 292  Applied Statistics 2A
STAT 293  Applied Statistics 2B

300-level courses

MATH 353  Optimisation
MATH 377  Probability and Random Processes
OPRE 354^  Simulation and Stochastic Models
STAT 332  Statistical Inference
STAT 335  Statistical Models for Actuarial Science
STAT 391  Mathematical Methods for Applied Statistics
Related subjects

Careers
Roles in actuarial science, banking, bioinformatics, business analysis, computational modelling, data analysis, data mining, database coordination, demography, economic analysis, financial analysis, government, management consultancy, marketing research, research and development, planning and performance analysis, policy analysis, project management, quality management, social science research, statistical analysis, statistical consultancy, statistics, survey design, teaching.

TE REO MĀORI
See page 57 for major requirements.
See Māori Studies.

TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES (TESOL)
See page 57 for major requirements.
From business people wanting to trade in other countries to refugees forging new lives abroad, millions of people need a second language. The teaching of a second—or third or fourth—language is a specialised skill, much in demand throughout the world. Our TESOL programme is specifically designed to provide sound academic preparation for TESOL teachers and for teachers of other languages. Students majoring in TESOL will learn to describe language in a way that helps second language learners to understand it. They will understand the psychological processes of learning and using a second language, and know how to provide effective learning opportunities for language learners.

This major is useful for those who are considering a career in TESOL/second language teaching. Although the main focus is on teaching English to speakers of other languages, the content is also applicable to teaching other languages.

Students majoring in TESOL will also need to take either LING 101 or LING 111, as well as 20 points in a language other than English in the first year, or have equivalent language-learning experience.

200-level courses
LALS 201 Understanding Language Learning and Teaching
TSOL 202 Vocabulary and Grammar for TESOL
TSOL 203 Text and Cultural Context

300-level courses
TSOL 301 Language Teaching: Principles to Practice
TSOL 302 Critical Perspectives on the Second Language Curriculum
TSOL 303 Special Topic

Related subjects
Roles in cultural Anthropology, Education, English Literature, Linguistics, Māori Studies, Modern Language Studies, Pacific Studies, Psychology, Samoan Studies, Sociology

Careers
Roles in community organisations, education, foreign language teaching, government, policy analysis, resettlement work, TESOL (Teaching English to Speakers of Other Languages)

THEATRE
See page 57 for major requirements.
Theatre at Victoria University means learning by doing. From writing scripts, to directing performance, to designing visuals and music, to mastering vocal and physical skills, Theatre students learn how to generate new ideas, perform under pressure and act purposefully in—and on—the world around us. In addition to learning conventional methods of research and enquiry, such as critical writing and analyses of real and fictional texts and performances, Theatre students learn to

Related subjects
Accounting, Commercial Law, Economics, Finance, International Business, Law, Management

Careers
Accountant, business adviser, business developer, business owner, financial planner, tax administrator, tax consultant, tax law drafter, tax policymaker
identify and solve problems using creative and collaborative modes of enquiry. Studying Theatre helps students develop cognitive, emotional, imaginative, physical and sensory resources, and encourages self-reliance and resourcefulness.

Wellington hosts New Zealand’s most vibrant theatre community, and our Theatre programme staff and students are at its centre. Theatre lecturers work both locally and internationally as directors, designers and playwrights, and our programme is also ranked first among Theatre programmes in the national Performance-Based Research Funding rankings. Teaching and research are closely connected in the Theatre programme, and students are often directly involved in research projects. In addition, students can develop and pursue their own interests, using the resources of the Theatre programme's own fully equipped theatre, Studio 77. In addition to performing in productions on campus, our Theatre students and alumni feature regularly on Wellington's stages.

Our Theatre programme strives to create a positive, engaging community with students at its heart. Theatre courses are relatively small, and coursework creates abundant opportunities for both peer-to-peer and student-teacher interaction, which fosters the development of strong student cohorts. This sense of community has both personal and professional benefits: several successful New Zealand theatre companies were kindled in Victoria University’s Theatre classrooms.

A BA in Theatre offers students opportunities to study and practise performance, directing, design and scenography, dramaturgy, theatre of Aotearoa New Zealand, Asian theatre and scriptwriting. Our graduates are well-represented in Wellington's creative industries, and many have received full scholarships to pursue advanced training at world-renowned international institutions. In addition to offering pathways into the professional arts and entertainment industries, the BA in Theatre also offers pathways to further studies in Honours or Master’s level study in Theatre and can be useful in the related subjects listed below.

First-year courses

THEA 101 20 POINTS (1/3)
The Live Act: Introduction to Theatre
An introduction to drama, theatre and performance. The course will provide an overview of primarily Western theatre history as a basis for introducing standard theatre terminology and critical approaches. These approaches will be applied in lectures to plays from a variety of periods and genres, normally including at least one non-Western example, and be explored both dramaturgically and practically in tutorials. The course will also include criticism of live performance. At least one practical workshop will be held during the course.

THEA 113 20 POINTS (2/3) (3/3)
Playing for Real (Acting and Performance Skills)
This course introduces key performance skills that provide foundations for various acting methods while also transferring to other contexts, such as public speaking. Skills developed include: vocal technique; text analysis and delivery; openness to fellow players and ensemble; working an audience; impulse and improvisation and working with props, costumes and staging configurations.

200-level courses

THEA 203  Space, Light and the Body
THEA 204  Classic Theatre Workshop
THEA 205  Dramaturgies of the West
THEA 206  Dramaturgies of the World
THEA 207  Classic Theatre
THEA 210  Scenography: Introduction to Theatre Technologies and Performance Design
THEA 211  From Whare Tapere to the Globe: Theatre of Aotearoa/New Zealand
ENGL 208  Shakespeare

300-level courses

THEA 301  Company
THEA 302  Conventions of Drama and Theatre
THEA 303  Composition, Production, Performance
THEA 304  Directing
THEA 305  Dramaturgies of the West
THEA 306  Dramaturgies of the World
THEA 307  Physical Theatre Methodologies
THEA 308  Scenography: The Scenographic Imagination
THEA 311  Collaborative Production

Related subjects
Art History, Classical Studies, Cultural Anthropology, Design, Education, English Literature, Film, History, Language Studies, Law, Māori Studies, Marketing, Media Studies, Music, Pacific Studies, Philosophy, Political Science, Sociology

Careers
Actor, arts administrator, broadcaster, director, journalist, playwright, production manager, script editor, scriptwriter, stage manager, teacher, theatre and media producer

TOURISM MANAGEMENT

See page 71 for major requirements.

As a tourist destination, New Zealand’s beauty, environment and culture attract an increasing number of visitors, especially those who wish to experience the freedom and adventure activities the country has to offer. Studying Tourism Management prepares you for employment in this growing international industry with the specialist knowledge sought by employers locally and around the world. You’ll be studying how tourism works, how tourism businesses operate, the behaviour of the tourist and the impacts of visitors on a country. You’ll be looking in depth at the industry, so you can enter it with a firm grasp of how it has grown, how it works and how it is continuing to develop.

You can take a major in Tourism Management for a BCom, or as a second major for a BA or BSc. A minor in Tourism Management is an excellent addition to any other programme. Tourism Management encourages cross-disciplinary study and provides transferable skills and knowledge. You will have the opportunity to strengthen your analytical skills by taking advantage of studying a dynamic globally integrated industry with the effective use of big data related to tourists, products, firms, destinations and more.

Check www.victoria.ac.nz/courses for 200- and 300-level prerequisites.
First-year courses

TOUR 101 15 POINTS (1/3)
Introduction to Tourism
An introduction to tourism, one of the world’s largest industries. The course considers the demand, supply and linkage components of tourism, and takes a stakeholder perspective on tourists, host communities, employers and employees and the public, private and non-profit sectors.

TOUR 102 15 POINTS (2/3)
Tourism Trends
A systematic analysis of the external tourism environment using a political, economic, social, technological, environmental and legal (PESTEL) framework so that students can understand the key trends from global, ethical and New Zealand perspectives.

200-level courses

TOUR 201 Tourist Behaviour
TOUR 202 Tourism Organisations
TOUR 203 Tourist Destination Management

300-level courses

TOUR 302 Tourism Live Project
TOUR 303 Event Management
TOUR 304 Tourism Research and Analytics
TOUR 305 Tourist Experiences
TOUR 306 Destination Futures
TOUR 315 Sustainable Tourism Study Tour
TOUR 320 Tourism Practicum
TOUR 370 Special Topic

Related subjects


Careers

Roles in business, ecotourism, hotel management, local and regional government, marketing, and tourism. Job titles include business owner, conference coordinator, consultant, events manager, passport officer, policy analyst.

WRITING (ACADEMIC AND PROFESSIONAL)

Writing skills are essential to your success at university and beyond. You need to communicate your ideas as powerfully and clearly as possible, so we offer tailor-made courses in writing at first- and second-year levels. Our courses provide you with individual attention and feedback in personal, collaborative workshops. Our Writing courses can be credited to any degree.

Most professional jobs require excellent skills in report-writing and the ability to support your ideas with effective evidence. Writing courses are a great way of acquiring skills vital for your university success and follow-on careers.

Writing at University
This course develops the academic writing skills of students from all university disciplines. You will practise techniques for generating research questions and for drafting and revising essays and reports, based on individual feedback from tutors and peers, prior to assessment. Research and referencing abilities are taught to help writers meet the expectations of university audiences. Three hours of workshop attendance each week will be timetabled.

WRIT 151 20 POINTS (1/3) (2/3)
Writing in English as a Second Language
This course is designed to improve the writing of students for whom English is a second or other language. During the course, you will practise techniques for generating, drafting and revising writing for a range of purposes, with an emphasis on addressing problems faced by second language writers. Three hours of workshop attendance each week will be timetabled.

200-level courses

WRIT 202 Writing for Business
WRIT 203 Writing for Media
WRIT 251 Academic Writing in English as a Second Language

Related subjects

Creative Writing, English Literature, Film, Linguistics, Management, Marketing, Media Studies, Public Policy, Social Policy, Theatre

Careers

Roles in advertising, communications, copywriting, editing, journalism, marketing, policy analysis, public relations, publishing, teaching.
GLOSSARY

(1/3): A first-trimester course that runs from March until June.

(1+2/3): A course that runs for the first two trimesters, from March until October.

(2/3): A second-trimester course that runs from July until October.

(3/3): A summer, or third-trimester, course that runs from November until February.

admission: This describes the process where your eligibility to attend Victoria University is assessed. There are different admission types depending on your previous qualifications. You need to ensure you apply by the due dates and satisfy any other specific degree requirements. See pages 24–29.

approved courses: Specified courses that are listed within your degree plan.

Bachelor's degree: A first, or undergraduate, degree. We also use the terms ‘degree programme’ or ‘programme of study’ to refer to the overall programme you are studying.

Blackboard: Many lecturers put lecture notes and other important information on Blackboard, which is accessed online.

Certificate of Proficiency: You can enrol in a Certificate of Proficiency if you want to do a course without counting it towards a Victoria University degree. You still need to gain admission to the University.

conjoint degree/programme: A specialised programme in which you study courses for two Bachelor's degrees at the same time. Students must maintain a B– grade average each year to remain in a conjoint programme. The degrees are awarded together.

corequisite (C): A course that must be taken at the same time as, or before, another course. Can be waived in certain cases.

course: A block of work in a subject that carries a certain number of points. If you pass the course, you gain the points.

course code: Each course has a code of four letters and three numbers. The letters show the subject, and the numbers show the level. For example, CHEM 113 is a Chemistry course at 100 level; ENGL 234 is an English Literature course at 200 level.

course outline: Information about assessment and assignments—handed out by teaching staff at the start of a course and also usually available online and/or on Blackboard.

course reference number (CRN): A number that identifies each course. Not the same as a course code, as it also identifies the stream (see 'stream'). A CRN can be three, four or five digits long and is always preceded by the letters CRN; for example, CRN 2166.

cross credit: A course is cross credited when it counts towards more than one degree—this applies to students studying for two degrees. Talk to your faculty's student administrator about cross crediting.

degree: A qualification gained by completing certain requirements, including the number of points, level of study and subject combinations. Sometimes referred to as a programme. A Bachelor's degree takes at least three years of full-time study.

degree programme: See ‘programme of study’.

diploma: A qualification that can be at undergraduate or postgraduate level.

direct entry: If you have high academic results from school, you may be able to skip some 100-level courses and be admitted to 200-level courses by direct entry.

Discretionary Entrance: A form of admission for students wanting to enrol at university directly from Year 12, students making an application following an exchange to an overseas secondary school or students who wish to enrol in preparatory courses at the University during the summer trimester before their entrance results are available. See page 29.

double major: When you major in two subjects within the same degree.

elective: An optional course of study.

enrolment: The process of applying (usually online) to study at Victoria University. See pages 24–31.

faculty: A section of a university, comprising a number of schools. Victoria University has eight teaching faculties: Architecture and Design, Education, Engineering, Health, Humanities and Social Sciences, Law, Science and Victoria Business School. They each teach and administer a range of programmes.

first-year student: A student who has never studied at a New Zealand university.

full-time student: For Student Allowance/Student Loan purposes, a full-time student is one studying at least 96 points in a full year (during Trimesters One and Two), or at least 48 points in a half year. Part-time students do fewer than 96 points a year.

graduate certificate: A graduate certificate is a convenient qualification for students who wish to undertake a limited amount of study in an area of interest at an advanced undergraduate level.

graduate diploma: A graduate diploma is a convenient qualification for students who wish to undertake a limited amount of study in an area of interest at an advanced undergraduate level.

Guaranteed Entry Score (GES): The rank score you need to be automatically accepted into a Victoria University degree. See pages 26–29.

lab: See ‘tutorial’.

lecture: A university class where all students enrolled in a course are taught by a lecturer. Can include as many as 350 students.

limited entry: A course or programme where a limit is placed on numbers of students. Limited-entry courses have earlier application dates than open-entry courses.

major: The subject you specialise in and take to 300 level. You can also do a double major, specialising in two subjects within the same degree.

minor: A smaller concentration in one subject area than a major. You can do minors in the BA, BCom, BSc and BDI. See page 44.
\textbf{myVictoria}: Victoria University’s secure web portal for students and staff. Manage your online record, check your student email and access course information on Blackboard.

\textbf{NZSM}: New Zealand School of Music.

\textbf{Offer of Study}: Victoria University’s response to your Enrolment Application, informing you of the programme(s) and courses in which the University is offering you a place, and how much this will cost you. Your Offer of Study is usually conditional on you meeting certain requirements such as supplying documentation and meeting admission requirements (for example, when your results are available). You must accept your Offer of Study by the due date in order to be fully enrolled. See page 30.

\textbf{points}: Every course is worth a certain number of points. Each course you pass gives you points towards the total required for your degree. Most courses are worth either 15 or 20 points.

\textbf{postgraduate}: Study done at a higher level after you have completed a degree.

\textbf{postgraduate diploma}: A postgraduate diploma provides an alternative to Honours for graduates who wish to extend their knowledge and expertise in a subject area.

\textbf{prerequisite (P)}: A course that must be passed before you can take another particular course.

\textbf{primary enrolment period}: For 2019, this is from 1 October 2018 to 20 January 2019. All students intending to study during Trimester One, Two or Three in 2018 should apply during this period.

\textbf{programme of study}: The overall group of courses you enrol in for your degree—including the required courses for the major(s) or specialisation(s) you wish to complete. A programme is made up of courses, and completion of a programme results in a qualification.

\textbf{qualification assessment}: If you have qualifications from another tertiary institution or from outside New Zealand, your qualification may be assessed for admission to Victoria University. See page 28.

\textbf{restricted course (X)}: A course that is so similar to another course that you cannot have both counted towards your degree.

\textbf{restricted enrolment}: The requirements under the Academic Progress Statute that restrict or limit students enrolling in further courses if they are not making adequate progress.

\textbf{returning student}: A student whose most recent enrolment was at this university.

\textbf{schedule}: A list of courses that are offered for a particular qualification. Degree schedules and full degree regulations can be found in the University’s Calendar at www.victoria.ac.nz/calendar

\textbf{Special Admission}: A form of admission. See page 29.

\textbf{specialisation}: A stream within a major.

\textbf{stream}: Some courses are taught in streams to accommodate large numbers of students. The same course may be taught at different campuses, or at different times of the week.

\textbf{studio}: See ‘tutorial’.

\textbf{subject code}: Each course has a code of four letters and three numbers. The letters show the subject and the numbers show the level of the course; for example, LAWS 121 is a Law course at 100 level.

\textbf{transfer of credit}: If you have already started a degree, or have done some study at degree level (either at Victoria University or at another university) you may be able to transfer some of the points you have completed into a Victoria University degree. Check carefully with your Faculty Student and Academic Services Office about regulations.

\textbf{transferring student}: A student whose most recent enrolment was at another New Zealand university. Transferring students are subject to the Academic Progress Statute.

\textbf{trimester}: Victoria University has three trimesters. Trimester One is from March until June, Trimester Two is from July until October and Trimester Three (the summer trimester) is from November until February. The trimesters are often written as 1/3, 2/3 and 3/3.

\textbf{tutorial}: A university class led by a tutor (teacher) in which a small group of students discuss topics from their course and get individual help. Students studying some sciences and ‘hands on’ subjects such as Architecture or Design will also have practical classes, called labs or studios.

\textbf{undergraduate degree}: A Bachelor’s, or first, degree.
## KEY DATES

<table>
<thead>
<tr>
<th>2018</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>August</strong></td>
<td><strong>January</strong></td>
</tr>
<tr>
<td>Liaison officers visit schools for course planning (through to October).</td>
<td>20 Jan—Enrolment applications due.</td>
</tr>
<tr>
<td>1 Aug—Hall of residence applications open for 2019.</td>
<td>20 Feb—Application due date for all 2019 Discretionary Entrance and Special Admission applications. Any applications accepted after this date may be waitlisted and subject to a late application fee.</td>
</tr>
<tr>
<td>31 Aug—Open Day.</td>
<td>18–22 Feb—International Students’ Orientation. Check your offer letter for specific dates.</td>
</tr>
<tr>
<td><strong>September</strong></td>
<td><strong>February</strong></td>
</tr>
<tr>
<td>15 Sep—Victoria Tangiwai and Victoria Totoweka Scholarship applications due.</td>
<td>1 Oct—Online enrolment opens.</td>
</tr>
<tr>
<td>15 Sep—Halls begin to review applications.</td>
<td>1 Oct—Halls of residence applications due.</td>
</tr>
<tr>
<td><strong>October</strong></td>
<td><strong>March</strong></td>
</tr>
<tr>
<td>1 Oct—Online enrolment opens.</td>
<td>1 Mar—Due date for payment of fees for the majority of courses.</td>
</tr>
<tr>
<td>1 Oct—Halls of residence applications due.</td>
<td>4 Mar—Trimester One begins.</td>
</tr>
<tr>
<td><strong>November</strong></td>
<td><strong>April</strong></td>
</tr>
<tr>
<td>1 Nov—Application due date for courses in 2018/19 Trimester Three, including Discretionary Entrance applications for Trimester Three courses starting in November/December 2018.</td>
<td>15 Mar—No addition of Trimester One and full-year courses after this date for students who are already enrolled. Students giving notice of withdrawal from a Trimester One or full-year course after this date will not receive a refund of their tuition fees. For additional information about withdrawing after this date, go to <a href="http://www.victoria.ac.nz/withdrawals">www.victoria.ac.nz/withdrawals</a>.</td>
</tr>
<tr>
<td>19 Nov—Trimester Three begins.</td>
<td>19 Jul—No addition of Trimester Two courses after this date. Students giving notice of withdrawal from a Trimester Two course after this date will not receive a refund of tuition fees. For additional information about withdrawing after this date, go to <a href="http://www.victoria.ac.nz/withdrawals">www.victoria.ac.nz/withdrawals</a>.</td>
</tr>
<tr>
<td><strong>December</strong></td>
<td><strong>July</strong></td>
</tr>
<tr>
<td>1 Dec—International students’ first-year applications due for March 2019 intake.</td>
<td>8 Jul—Trimester Two begins.</td>
</tr>
<tr>
<td>1 Dec—Deadline for limited-entry courses and limited-entry programmes (not applicable to school leavers).</td>
<td>19 Jul—No addition of Trimester Two courses after this date. Students giving notice of withdrawal from a Trimester Two course after this date will not receive a refund of tuition fees. For additional information about withdrawing after this date, go to <a href="http://www.victoria.ac.nz/withdrawals">www.victoria.ac.nz/withdrawals</a>.</td>
</tr>
<tr>
<td>10 Dec—School leavers should apply to enrol by this date to ensure a place in their preferred courses.</td>
<td>10 Oct—Lectures cease for all courses.</td>
</tr>
<tr>
<td>10 Dec—Applications due for Discretionary Entrance for Trimester Three courses starting in January 2019.</td>
<td>9 Nov—Examinations end.</td>
</tr>
</tbody>
</table>

### FIND OUT MORE
www.victoria.ac.nz/dates
COURSE-PLANNING TEMPLATE

First degree

Major(s) (Minor(s))

Second degree

Major(s) (Minor(s))

<table>
<thead>
<tr>
<th>Trimester One (1/3) March–July</th>
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Total points

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Summer Trimester (3/3) November–February (optional for most students)

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COURSE PLANNING TIPS

- Check the requirements for your degrees, majors and minors from page 48.
- Choose your courses from page 117.
- Balance your workload. Choose three or four courses, totalling about 60 points, per trimester.
- Aim for about 120 points over two trimesters. This may be more for conjoint programmes.
- The minimum workload for StudyLink purposes is 96 points over two trimesters.
- Ensure your first-year courses meet the prerequisites for 200-level courses so you can advance your studies in your second year.
- Create your timetable (see Timetable template for Kelburn Campus) and check for timetable clashes using the course finder.

www.victoria.ac.nz/courses

NEED HELP WITH COURSE PLANNING?
Contact Student Recruitment and Orientation.
0800 VICTORIA (842 867) | course-advice@vuw.ac.nz
You’ll be able to check course timetable information at [www.victoria.ac.nz/courses](http://www.victoria.ac.nz/courses) from September.
- Use this template to plan a balanced, clash-free programme of study.
- There is a 10-minute gap between classes, allowing you time to get from one class to another.
- Use this side for Kelburn campus time slots.
- See reverse for Pipitea and Te Aro campus time slots.
- Once you have received your Confirmation of Study, go to timetable.victoria.ac.nz to check your personal timetable.

### Trimester One (1/3)

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Courses at the Pipitea and Te Aro campuses start on the half hour. Use the template below to plan your programme of study.

Trimester One (1/3)

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KNOW WHAT
YOU STAND FOR.
KNOW WHERE
YOUR PASSIONS LIE.
KNOW YOUR
NEXT MOVE.

KNOW YOUR MIND
MĀ TE MŌHIO