

# Guide to Undergraduate Study

2018



**KNOW  
YOUR  
MIND**  
MĀ TE MŌHIO





---

“At Victoria, we’re taught  
*how* to think, not *what*  
to think. We learn skills rather  
than straight facts, which  
really helps to set us up for  
the real world.”

Phillip Leaupepe-Nickel  
Student, Bachelor of Laws and Bachelor of  
Commerce in International Business

---

# KNOW YOUR MIND MĀ TE MŌHIO

HEAR FROM OUR STUDENTS ABOUT THEIR  
EXPERIENCE AT VICTORIA

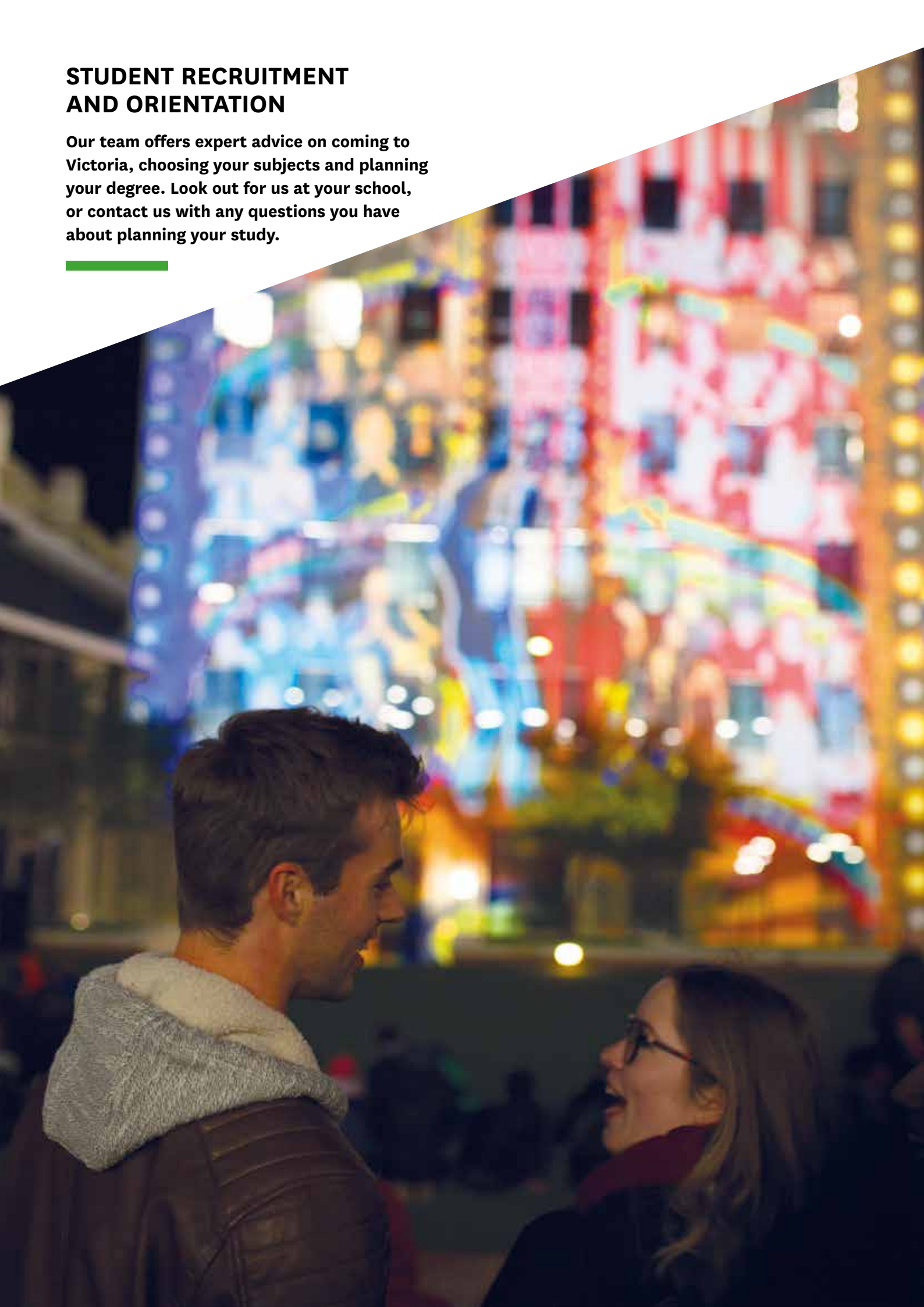
 [www.victoria.ac.nz/why-victoria](http://www.victoria.ac.nz/why-victoria)



## STUDENT RECRUITMENT AND ORIENTATION

Our team offers expert advice on coming to Victoria, 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.

---





# CONTENTS

Welcome to Victoria .....	4
Victoria at a glance .....	5
Why Victoria? .....	6

## THE VICTORIA EXPERIENCE 7

Getting involved .....	8
Preparing for university .....	10
Accommodation .....	12
Supporting your success .....	14
Māori students .....	18
Pasifika students .....	20
International students .....	22

## ADMISSION AND ENROLMENT 23

How to apply .....	24
Admission to Victoria .....	26
Enrolment .....	30
Finance .....	32
Scholarships .....	34
Tohu Māoritanga .....	35

## A VICTORIA DEGREE 37

Exploring your options .....	38
How our degrees work .....	40
Planning your first year .....	42
Bachelor of Architectural Studies .....	44
Bachelor of Arts .....	48
Bachelor of Biomedical Science .....	56
Bachelor of Building Science .....	60
Bachelor of Commerce .....	64
Bachelor of Design Innovation .....	70
Bachelor of Education (Teaching)	
Early Childhood .....	76
Bachelor of Engineering with Honours .....	80
Bachelor of Health .....	86
Bachelor of Laws .....	92
Bachelor of Music .....	96
Bachelor of Science .....	100
Bachelor of Tourism Management .....	108
Primary and secondary teacher education .....	112

## SUBJECTS AND COURSES 115

Subject and course information .....	116
Subject and course index .....	175

## GLOSSARY 176

## KEY DATES 178

## FORMS 179

Plan your first year .....	179
Plan your timetable .....	181

## VICTORIA'S CAMPUSES

AND HALLS ..... inside back cover

CONNECT WITH US ..... inside back cover



## STUDENT RECRUITMENT AND ORIENTATION

### WELLINGTON OFFICE

Level 1, Hunter Building,  
Kelburn Campus, Wellington  
Phone 04-463 5374 or 0800 VICTORIA (842 867)  
Email [course-advice@vuw.ac.nz](mailto:course-advice@vuw.ac.nz)

### AUCKLAND OFFICE

Level 4, 50 Kitchener Street, Auckland  
Phone 09-300 2080 or 0800 VICTORIA (842 867)  
Email [course-advice@vuw.ac.nz](mailto:course-advice@vuw.ac.nz)

**Important notice:** Victoria University uses all reasonable skill and care to ensure the information contained in this document is accurate at the time of being made available. However, matters covered by this document are subject to change due to a continuous process of review, and to unanticipated circumstances. The University therefore reserves the right to make any changes without notice. So far as the law permits, the University accepts no responsibility for any loss suffered by any person due to reliance (either whole or in part) on the information contained in this document, whether direct or indirect, and whether foreseeable or not.

Cover: The LUX Light Festival turns Wellington's waterfront and laneways into a captivating celebration of light, technology and design.

# WELCOME TO VICTORIA

**As a student at Victoria University of Wellington, you will be part of a welcoming, supportive and challenging community. Victoria is a place where students discover and pursue their passions and learn that anything—truly anything—is possible.**

As New Zealand's globally ranked capital city university, and one that is in the top 100 universities worldwide for many subjects, Victoria 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 Victoria 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 where you will easily make friends 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 supporting the first-year experience. From access to academic skills workshops, peer-assisted studying and mentoring through to a raft of co-curricular activities and wellbeing initiatives to ensure you feel connected, Victoria offers 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 Victoria 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



**“As New Zealand’s globally ranked capital city university, and one that is in the top 100 universities worldwide for many subjects, Victoria offers you a unique advantage.”**

## GLOBALLY RANKED IN 2017

- Victoria is in the top 2 percent of the world's 18,000 universities.
- Victoria is among the top 1 percent of the world's universities in 14 subject areas.
- Victoria is in the world's top 100 for Accounting and Finance, Arts and Humanities, Education, English Language and Literature, Geography, Law, Management, Performing Arts, Psychology and Social Sciences.



# VICTORIA AT A GLANCE



Victoria has five stars overall in the QS Stars rating of excellence and five stars in each of the eight categories.

**#1 in NZ  
for research  
quality**



## 3 CENTRAL CITY CAMPUSES IN WELLINGTON

### STUDENT POPULATION

- 5,000 first-year students
- 22,000 students
- 3,400 international students from more than 100 different countries

**FOLLOW YOUR PASSION  
MORE THAN 100 SUBJECTS  
TO CHOOSE FROM**

### LIFE ON CAMPUS

Victoria has three city campuses: Kelburn, Pipitea and Te Aro.

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, bank, as well as the Adam Art Gallery, an award-winning building housing a changing programme of exhibitions. This year we're also extending our facilities to include a new, state of the art science block at Kelburn.

From second year onwards, Law and Commerce 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 stunning new hub, which includes the newly refurbished library, study and teaching spaces.

Victoria's Schools of Architecture and Design are located at the Te Aro campus, just around the corner from Wellington's famous Cuba Street with its shops, a great café scene and nightlife.





# WHY VICTORIA?



## 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. Studying at Victoria, you'll become part of the diverse and friendly community of our thriving capital city.

## 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.

## CAPITAL THINKING

Come and experience the benefits of our 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

We operate at the interface between business, innovation and regulation. Victoria has 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.

## 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 Victoria's flexible degree structure means you can try out new subjects and discover where your passions lie.

## AWARD-WINNING EDUCATORS

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

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



# THE VICTORIA EXPERIENCE

Getting involved.....	8
Preparing for university.....	10
Accommodation.....	12
Supporting your success.....	14
Māori students.....	18
Pasifika students.....	20
International students.....	22

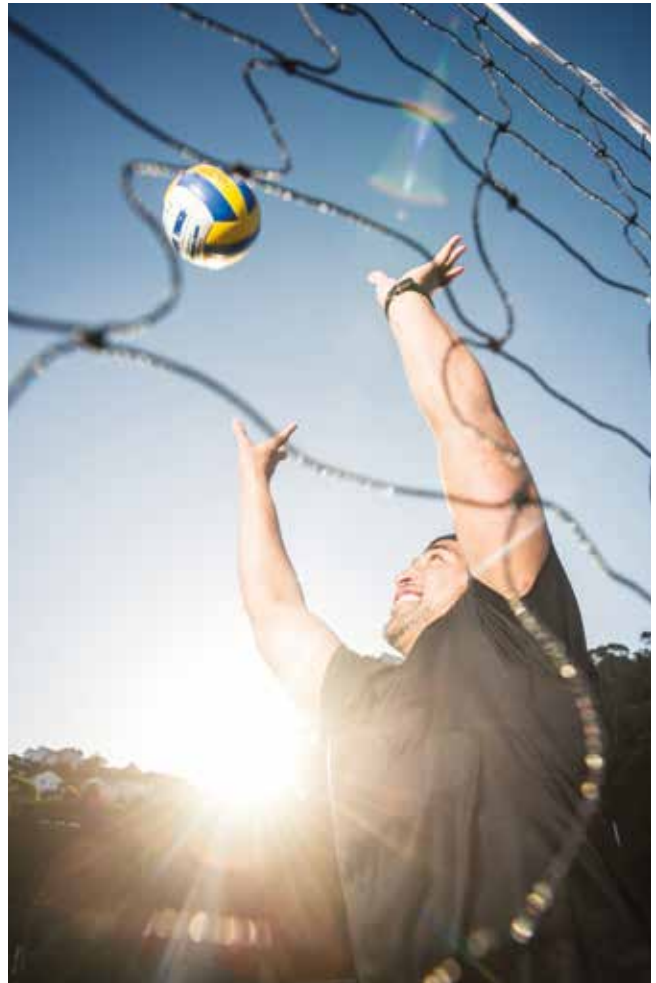


# GETTING INVOLVED

Being a student at Victoria 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](http://www.victoria.ac.nz/get-involved)



## STAY HEALTHY, ACTIVE AND CONNECTED

### Victoria Recreation

Victoria Recreation provides sports, recreation, wellbeing, fitness and club services to the Victoria 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](http://www.victoria.ac.nz/recreation)

### Join a club

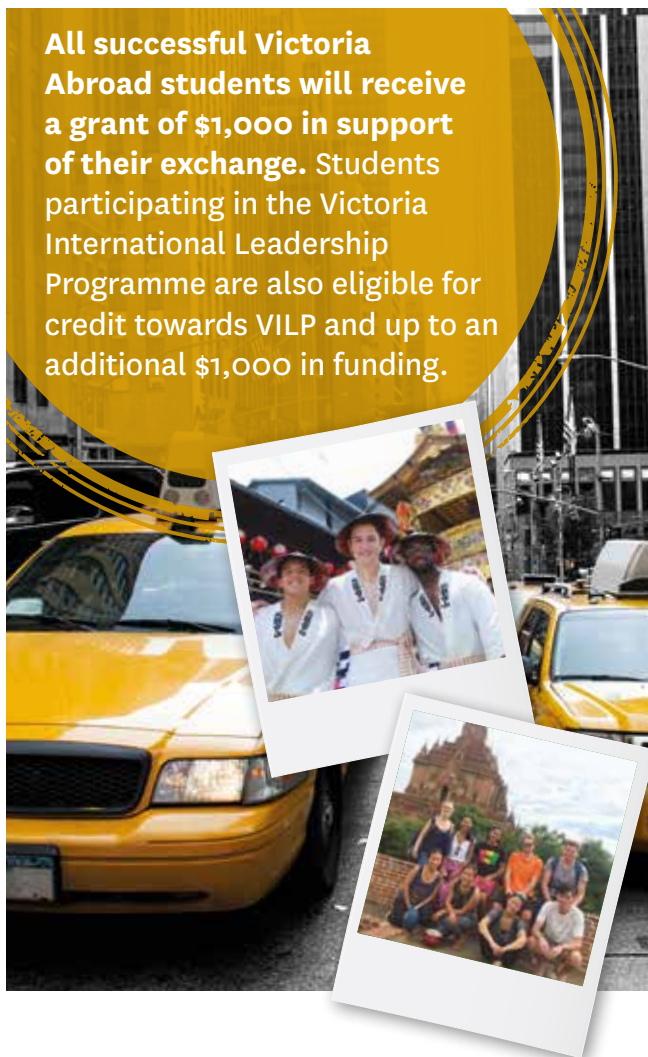
There are more than 140 clubs on campus, including cultural, performing arts, political, religious and sporting groups. For high-performing athletes who require additional assistance, there are staff at Victoria who can help balance training and competition with academic demands.

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





**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 VILP and up to an additional \$1,000 in funding.**



## GO ON AN OVERSEAS EXCHANGE

### Victoria Abroad

Victoria Abroad is a student exchange programme offering you the opportunity to broaden your horizons while studying towards your degree. Victoria Abroad has more than 140 partner universities stretching across five continents, giving you the opportunity to study in some of the world's most prestigious educational institutes.

Through Victoria Abroad you could be studying anywhere, including Argentina, Canada, Fiji, France, Hong Kong, 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. Travel, immersing yourself in another culture and gaining a new academic perspective is just the beginning. The benefits of participating in a Victoria Abroad exchange will stay with you for life and may even help shape your career.

Victoria Abroad provides individual support to students from their first enquiry to returning to Victoria. 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 VILP and up to an additional \$1,000 in funding.

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

## TAKE ON A LEADING ROLE

Given the right opportunities, everyone can develop leadership skills. Victoria's 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 want to get involved and make a significant contribution to volunteering and student support work within the Victoria and the Wellington communities.

You undertake the programme alongside your degree and successful completion is acknowledged on your academic transcript. Victoria Plus is a free programme, open to all current students. You can tailor the programme to suit your schedule, studies and interests and be involved from your first year. There are two levels of achievement—Certificate and Award. Both levels require:

- engagement in extracurricular activities
- attendance at professional and personal development workshops
- reflection on learning using an ePortfolio.

You will develop a range of skills and graduate attributes that enhance your CV and employability. You will build an understanding of social responsibility and leadership and have the opportunity to network, meet people and connect with your community.

 [www.victoria.ac.nz/victoria-plus](http://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 VILP 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 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: studying and volunteering abroad, internships with embassies and international organisations, cross-cultural buddy programmes and professional and personal development opportunities both in Wellington and overseas are just some examples.

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



# PREPARING FOR UNIVERSITY

## COME TO ORIENTATION

Victoria's New Students' Orientation (NSO), held from 26 February to 2 March 2018, is your opportunity to connect with each other, Victoria and the wider Wellington community. Find your way around, meet new people and pick up some vital academic preparation skills. 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.

▶ [www.victoria.ac.nz/new-students](http://www.victoria.ac.nz/new-students)

## SIGN UP FOR CAMPUS COACHES

Starting university is an exciting journey. The Campus Coaches programme is designed to help you get connected with Victoria by helping you find your way around, connect with other students from your faculty and help you with the transition into university life and study.

We know that many of you will be overwhelmed with the number of different ways to connect with Victoria when you first arrive—moving into a hall, joining a club and engaging with the various class and faculty groups on offer. The Campus Coaches want to make your transition as smooth as possible, which is why they offer two different options of engagement, depending on what you need and want.

▶ [www.victoria.ac.nz/campus-coaches](http://www.victoria.ac.nz/campus-coaches)

## 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 Victoria. 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/wgtn-hall](http://www.victoria.ac.nz/wgtn-hall)





In the transition from secondary school to life at university, you will have many new experiences. **Victoria is dedicated to helping you succeed by providing a range of student services and support from the moment you arrive on campus.**





# ACCOMMODATION

Finding the right place to live is important for making the most of your Wellington and Victoria experience. The Accommodation Service at Victoria University can help you make the best choice. We process applications for all the halls of residence, arrange homestays for international students 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 2018 *Accommodation Guide* has been sent to all New Zealand secondary schools. 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.

Students who are awarded a Victoria school-leaver scholarship are also guaranteed an offer of a place in one of our halls of residence.

You can apply online from **1 August 2017** to live in a hall of residence from February 2018. In all cases, you must complete an application for accommodation by **1 October 2017**. You will have to pay a non-refundable \$75 application fee and have a satisfactory confidential reference from your school. 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.

Students who are offered a place in a hall will then need to pay a deposit of approximately \$500–\$600, 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](http://www.victoria.ac.nz/halls)







## CATERED HALLS

Hall	Weekly fee*	Yearly fee^	Residents	Walking times to campuses
<b>Boulcott Hall</b>	\$369–\$385	\$14,022–\$14,630	180	Kelburn—10 minutes Te Aro—15 minutes Pipitea—10 minutes
<b>Capital Hall</b>	\$369–\$385	\$14,022–\$14,630	310	Kelburn—10 minutes Te Aro—10 minutes Pipitea—15 minutes
<b>Helen Lowry Hall</b>	\$195–\$265	\$7,410–\$10,070	124	Kelburn—40 minutes Free shuttle to Kelburn campus
<b>Joan Stevens Hall</b>	\$369–\$385	\$14,022–\$14,630	242	Kelburn—10 minutes Te Aro—15 minutes Pipitea—10 minutes
<b>Katharine Jermyn Hall</b>	\$369–\$385	\$14,022–\$14,630	390	Kelburn—10 minutes Te Aro—15 minutes Pipitea—10 minutes
<b>Te Puni Village</b>	\$369–\$385	\$14,022–\$14,630	398	Kelburn—2 minutes Te Aro—15 minutes Pipitea—25 minutes
<b>Victoria House</b>	\$280–\$364	\$10,640–\$13,832	179	Kelburn—5 minutes Te Aro—15 minutes Pipitea—20 minutes
<b>Weir House</b>	\$260–\$369	\$9,880–\$14,022	309	Kelburn—5 minutes Te Aro—15 minutes Pipitea—20 minutes
<b>Willis Street Halls— Cumberland House</b>	\$289–\$385	\$10,982–\$14,022	227	Kelburn—15 minutes Te Aro—5 minutes Pipitea—20 minutes



## SELF-CATERED HALLS

Hall	Weekly fee*	Yearly fee^	Residents	Walking times to campuses
<b>Everton Hall</b>	\$195–\$295 plus expenses	\$7,410–\$11,210	194	Kelburn—5 minutes Te Aro—20 minutes Pipitea—20 minutes
<b>UniLodge Stafford House</b>	\$220 plus electricity	\$8,360	301	Kelburn—15 minutes Pipitea—5 minutes
<b>University Hall</b>	\$190–\$240	\$7,220–\$9,120	242	Kelburn—10 minutes Te Aro—15 minutes Pipitea—10 minutes
<b>University Hall— Whānau Housing*</b>	\$160–\$195	\$6,080–\$7,410	14	Kelburn—5–10 minutes
<b>Willis Street Halls— Education House</b>	\$265	\$10,070	108	Kelburn—15 minutes Te Aro—5 minutes Pipitea—20 minutes

\* All fees quoted are based on 2017 fees. Fees may vary for 2018.

+ 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.



## OTHER ACCOMMODATION

The Accommodation Service 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](http://www.victoria.ac.nz/accommodation)

# SUPPORTING YOUR SUCCESS

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





## ACCOMMODATION

The Accommodation Service can help you find a flat, flatmates or a hall of residence (see page 12 for more information).

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

## BOOKS AND COURSE MATERIALS

Vic Books is the ideal place to buy your textbooks and course notes (collections of readings specific to each course). Vic Books also buys back and sells second-hand textbooks for students wanting a bargain, and stocks loads of contemporary and classical fiction, poetry and non-fiction, cards, stationery, gifts and university memorabilia. It is also a Post Shop and dry-cleaning agency. You'll find Vic Books in the Hub at Kelburn campus and in Rutherford House at Pipitea campus.

▶ [www.vicbooks.co.nz](http://www.vicbooks.co.nz)

## CAREERS

Careers and Employment helps you achieve your career goals by offering 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. The Alumni as Mentors programme matches final-year students with successful graduates who can offer valuable tips and advice for transitioning from study to the world of work.

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

## CHAPLAINS

The University chaplains offer pastoral and practical support for all, regardless of belief. They also seek to nurture the spirituality of students and staff at Victoria. The chaplains are in Ramsey House, 8 Kelburn Parade, Kelburn campus and on Level 1, Rutherford House, Pipitea campus. Both are warm, welcoming spaces to hang out between lectures, have lunch, study, pray and worship. Ramsey House is also the home of the not-for-profit café, Koha Coffee—which claims to be the most rejuvenating café on campus.

▶ [www.anglicanchaplaincy.org.nz](http://www.anglicanchaplaincy.org.nz)

▶ [www.facebook.com/AngChap](https://www.facebook.com/AngChap)

## COMPUTING

Information Technology Services (ITS) has more than 1,200 computers for student use and wireless internet coverage across all our campuses. As demand for the student computers can be high, we highly recommend you have access to a laptop or portable device.

The University's student portal gives you a single point of access to all your digital information and files. From there, you can enrol for courses, update your personal details and much more. Victoria's student computers are available on all campuses and can be used for everything from course assignments to free internet access and printing (charges apply). As a student, you also have access to software such as Microsoft Office and Microsoft OneDrive.

You also have access to Blackboard, where you can view course material online, download lecture notes and exchange messages and documents with your study groups.

▶ [www.victoria.ac.nz/student-computing](http://www.victoria.ac.nz/student-computing)

## DISABILITY SERVICES

Victoria strives to create an environment that values diversity. Disability Services works alongside approximately 1,300 students with impairments each year and should be your first point of contact. If you are Deaf, have an impairment, injury, medical condition, mental illness or specific learning disability that affects your learning, participation and enjoyment, tailored assistance is available.

We can help 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, mobility parking, accessible transport between campuses and access suites in which students with impairments can study and rest. We welcome visits from parents and whānau, particularly during the transition to Victoria.

Contact Disability Services as early as possible before your course begins. We publish a guide to all our services, and have a range of resources for students available online, or by contacting us.

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

## EARLY CHILDHOOD EDUCATION

There are two centres available. They are located at either end of the Kelburn campus. Hours are structured to fit in with lecture times and student needs. Rates are competitive and parents are encouraged to contact the centres as soon as possible to secure a place.

▶ [www.victoriakids.co.nz](http://www.victoriakids.co.nz)

FIND OUT MORE ▶ [www.victoria.ac.nz/students-support](http://www.victoria.ac.nz/students-support)



## 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](http://www.victoria.ac.nz/careerhub)

### Student Job Search

Student Job Search helps students and prospective students find casual/part-time work during term time and full-time work during the university holidays. Job vacancies are listed on the Student Job Search website. Start your job hunt online today.

▶ [www.sjs.co.nz](http://www.sjs.co.nz)

## FINANCIAL ADVICE

Student finance advisers provide confidential budget advice and can help you take control of your finances. The team administers the Hardship Fund, which provides short-term assistance if you are facing financial difficulties. The finance advisers can also assist you with problems associated with Student Loan applications as well as advice on benefit entitlements.

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

## HEALTH AND WELLBEING

### Counselling

Counsellors are available at all campuses to discuss personal and academic issues that affect your general sense of wellbeing, your relationships or your learning. There are specialist counsellors for Māori and international students.

▶ [www.victoria.ac.nz/counselling](http://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 health care, illness and injury care, preventative care and referrals to specialist care. Student Health is a Very Low Cost Access practice, giving you the option of enrolling with Compass Health (a primary health organisation), through Student Health. If you choose to do this, you will be able to receive most of our health care services at no charge.

▶ [www.victoria.ac.nz/student-health](http://www.victoria.ac.nz/student-health)

### Physiotherapy

The on-campus physiotherapy clinic is run by Willis Street Physiotherapy. Appointments are available at Kelburn campus and at 57 Willis Street, Wellington. Our experienced physiotherapists specialise in treating all kinds of pain, discomfort and injury.

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



## INFORMATION

Victoria Info Ihonui are places where you can ask questions and get the information you need. At Kelburn campus, they are in the Hunter Building and at the Kelburn Library entrances on Levels 1 and 2 of the Hub. At Pipitea campus, there is one on the ground floor of Rutherford House; at the Te Aro campus there is one on the ground floor; and one on the fourth floor of our Auckland premises. Friendly staff will answer your questions and refer you to the right place as needed.

▶ [www.victoria.ac.nz/student-support](http://www.victoria.ac.nz/student-support)

## LANGUAGES

The Language Learning Centre is a hub for all language learners at Victoria. It offers students helpful advice on language learning and provides self-study resources spanning more than 60 different languages, including all those taught at Victoria: Chinese, English, French, German, Italian, Japanese, Māori, New Zealand Sign Language, Samoan and Spanish. The Centre has everything from course texts and graded readers to audio materials, DVDs and software, as well as a comprehensive collection of online language learning links. All students are welcome to use the Centre.

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

## LEARNING SUPPORT

Success at university requires independent academic study and skills you may not have used at secondary school.

Student Learning can help with:

- transition to university
- one-to-one appointments with a learning adviser
- workshops on academic writing, study skills, mathematics and statistics
- peer-assisted study sessions (PASS) groups
- specialist support for Māori, Pasifika, international and refugee-background students and students with disabilities.

▶ [www.victoria.ac.nz/student-learning](http://www.victoria.ac.nz/student-learning)

## LIBRARIES

Good research skills are vital to success at university, so make sure you take advantage of the range of services to help you use the Library effectively. There are tours, classes, online subject guides and tutorials and knowledgeable staff available to help you. Victoria has excellent library facilities on all our campuses, with friendly staff available to help you access the information you need, whether it's in a book or DVD on the Library's shelves, in an online journal or electronic database or held in a library on the other side of the world.

The four campus libraries are:

- Kelburn Library in the Rankine Brown Building, Kelburn campus
- Architecture and Design Library at Te Aro campus, Vivian Street
- Commerce Library in Rutherford House, Pipitea campus
- Law Library in Government Buildings, Pipitea campus.

The Library's website gives you 24-hour access to Te Waharoa, the gateway to search across the Library's range of physical and electronic resources.

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

## MATURE STUDENTS

Are you over the age of 20 and starting out at university? Mature students often have different needs when starting university-level study. For tips on balancing work, life and study commitments, and to meet fellow students, check out the Mature Students' Orientation session during New Students' Orientation Week in February.

## MENTORING PROGRAMMES

See pages 18 and 20 for details about programmes offered by Te Pūtahi Atawhai and Te Rōpū Āwhina (Āwhina).

## MUSLIM PRAYER ROOMS

Prayer rooms for Muslim students are available at all campuses. To get access to the prayer rooms at the Kelburn and Pipitea campuses, students are required to be a member of VicMuslims Club. To connect with other students, contact the Muslim Students' Association at vicmuslimsclub@gmail.com

## SCHOLARSHIPS

Victoria offers a range of scholarships to help you fund your study. See page 34 for more information.

## STUDENTS' ASSOCIATION

The Victoria University of Wellington Students' Association (VUWSA) was set up by students, for students, in 1899. The founding students knew they were the only people who could represent themselves and their fellow peers and ensure the University was delivering the quality of education, experience, community and facilities that students needed. Each year, students elect a 10-member executive that represents students at all levels of the University. Today, VUWSA is funded by the Student Services Levy to provide a range of services for all students, including advocacy, class representative training and support, student events, welfare support and student media. The weekly student magazine *Salient*, which is editorially independent, is produced by VUWSA. You can choose to become a member of this association when you enrol at Victoria, or sign up online.

▶ [www.vuwsa.org.nz/join-vuwsa](http://www.vuwsa.org.nz/join-vuwsa)

### Advocacy

VUWSA's Advocacy Service provides professional, independent and confidential support for students on any issue that might interrupt their academic success. The Advocacy Service provides students with information on any issue, including academic and administrative concerns such as academic misconduct, grade appeals and grievances and personal issues such as employment, tenancy and StudyLink support.

▶ [www.vuwsa.org.nz](http://www.vuwsa.org.nz)

▶ [www.salient.org.nz](http://www.salient.org.nz)

▶ [www.vuwsa.org.nz/advocacy](http://www.vuwsa.org.nz/advocacy)



# MĀORI STUDENTS

## Nau mai, Haere mai ki Te Whare Wānanga o Te Ūpoko o Te Ika a Māui.

Here at Victoria, you are family from the moment you set foot on our campus—we have a supportive whānau environment waiting to welcome you. Make yourself even more employable by learning from quality lecturers in both te reo Māori and English.

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

📞 04-463 6668

✉️ [tayla.cook@vuw.ac.nz](mailto: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, 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’. Its staff can provide a range of support and assistance while you study, in a welcoming whānau-based environment.

**He kaiakiaki/Māori success coordinators** are available to discuss your academic choices, create personal learning and time management plans and tailor individual learning packages to support your success at university.

An **academic mentoring programme** is available for Māori and Pasifika 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 Māori and Pasifika students enrolled in degrees or courses in the Faculties of Science, Engineering, 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 Māori and Pasifika community development and leadership. We do this by providing academic mentoring and holistic support to Māori and Pasifika students in our faculties, from first year to postgraduate.

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

📞 04-463 6305

✉️ [karli.rickard@vuw.ac.nz](mailto:karli.rickard@vuw.ac.nz)

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

**Student Counselling** (see page 16) has a kairauhi taurira (Māori students’ counsellor).

FIND OUT MORE  [www.victoria.ac.nz/study/maori](http://www.victoria.ac.nz/study/maori)



## MĀORI STUDENT ASSOCIATIONS

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

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

**Ngā Rangahautira**, the Māori law students' association, is a group that is passionate about developing skilled Māori law students with a commitment to kaupapa Māori.

## MARAE

**Te Herenga Waka** is the University's marae at 46 Kelburn Parade on the Kelburn campus. It is a multi-purpose teaching, learning, research and engagement hub. It is a gathering place where students and staff can meet from across the University.

We provide lunches every day at 12 noon (in Trimesters One and Two) in the wharekai (dining room), we have a computer suite, meeting rooms and places to study. We also manage whānau housing, which is affordable accommodation for Māori students.

▶ [www.victoria.ac.nz/maori-at-victoria](http://www.victoria.ac.nz/maori-at-victoria)

## DEPUTY VICE-CHANCELLOR (MĀORI)

The Deputy Vice-Chancellor (Māori) provides strategic advice to ensure Victoria meets its obligations under the Treaty of Waitangi.

**Professor Rawinia Higgins**

☎ 04-463 5303

✉ [rawinia.higgins@vuw.ac.nz](mailto:rawinia.higgins@vuw.ac.nz)

## OUR SCHOOLS

Te Kawa a Māui offers courses in Māori language, culture and society. The School offers the Tohu Māoritanga / Diploma in Māoritanga (see page 35) 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](http://www.victoria.ac.nz/maori)

Te Kura Māori is the school in the Faculty of Education that contributes to all teacher education programmes by preparing students to teach Māori children (mainstream, bilingual, enrichment and total immersion).

▶ [www.victoria.ac.nz/te-kura-maori](http://www.victoria.ac.nz/te-kura-maori)



## STUDIES RELATED TO AOTEAROA NEW ZEALAND

Victoria offers 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 and Māori media. The Tohu Māoritanga / Diploma in Māoritanga can be studied full time in one year or part time over two years (see page 35).

## GRANTS AND SCHOLARSHIPS

There are a number of scholarships available for Māori students. These include the Victoria Achiever Scholarships, two scholarships for Māori students at Weir House (a hall of residence) and specific scholarships for students who attended Māori boarding schools or total immersion schools.

The kaitakawaenga Māori/Māori liaison officer has details of grants to assist Māori students, including those from the Māori Education Trust.

▶ [www.victoria.ac.nz/scholarships](http://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 Victoria before lectures start.

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

# PASIFIKA STUDENTS

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. 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 at Victoria. 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.

📞 04-463 6670

✉️ [tapu.vea@vuw.ac.nz](mailto:tapu.vea@vuw.ac.nz)



## 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** encourage and 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 in 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, 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 holistic support to Pasifika and Māori students in our faculties, from first year to postgraduate.

**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.

📞 04-463 6303

✉️ [lgi.tuimavave@vuw.ac.nz](mailto:lgi.tuimavave@vuw.ac.nz)

FIND OUT MORE  [www.victoria.ac.nz/study/pasifika](http://www.victoria.ac.nz/study/pasifika)



## PASIFIKA STUDENT ASSOCIATIONS

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

✉ [pasifikavuw@outlook.com](mailto:pasifikavuw@outlook.com)

📘 [www.facebook.com/pasicouncil/](https://www.facebook.com/pasicouncil/)

Victoria has several clubs for Pasifika students, including the:

- 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
- 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](http://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.

## ASSISTANT VICE-CHANCELLOR (PASIFIKA)

The Assistant Vice-Chancellor (Pasifika) provides strategic direction and advice to ensure Victoria can support Pasifika students and staff.

**Associate Professor Hon. Luamanuvao Winnie Laban**

📞 04-463 6152

✉ [winnie.laban@vuw.ac.nz](mailto:winnie.laban@vuw.ac.nz)



## STUDIES RELATED TO THE PACIFIC

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

Va'aomanu 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 Achiever Scholarships, the Tumaau Awards and the Pacific Islands Polynesian Education Foundation scholarships. Contact the Scholarships Office for more information.

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

## ORIENTATION

The Pasifika orientation, held during New Students' Orientation in February, helps Pasifika students prepare for a successful journey. 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 Victoria before lectures start.

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

# INTERNATIONAL STUDENTS

The Victoria International office is the first point of contact for many international students choosing to study at Victoria. The International Marketing and Recruitment team can provide advice on living in Wellington and study and programme advice. International student applications are assessed by the Admissions team at Victoria International. There is also a team dedicated to providing support for international students during their studies, and it runs an International Orientation at the beginning of each trimester. Victoria International publishes the *International Prospectus*, which contains information about university programmes of study, New Zealand and Wellington, the University support services, international student admission requirements, medical and travel insurance and visa requirements.

## Victoria International

📞 04-463 5350

✉️ [victoria-international@vuw.ac.nz](mailto:victoria-international@vuw.ac.nz)

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

## ENTRY REQUIREMENTS

To study at Victoria, you will need to have a good record of academic achievement as well as a good command of the English language. For students coming from New Zealand secondary schools, National Certificate of Educational Achievement (NCEA) University Entrance (or equivalent) applies, including the literacy and numeracy requirements (see page 27). Further information on international minimum academic requirements for undergraduate admission is on the Victoria International website.

## PREPARING FOR STUDY

The School of Linguistics and Applied Language Studies offers courses in English proficiency to help improve students' English language skills before enrolling in a degree programme. Courses are taught at an intermediate or advanced level of English. The School does not teach beginners (see page 29 for details).

## MEDICAL AND TRAVEL INSURANCE

All international students must have appropriate medical and travel insurance while studying in New Zealand. International students at Victoria are automatically signed up to a comprehensive insurance plan when they enrol. If you already have medical and travel insurance, or wish to purchase an alternative policy, it is essential that you check this first with Victoria International. You will not be allowed to enrol unless you have insurance that meets our minimum standards.

## STUDENT VISA

Before coming to study at a New Zealand university, you will need a valid student visa. 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](http://www.immigration.govt.nz)

## ACADEMIC SUPPORT

Preparation for Academic Life and Study (PALS) is a study-skills programme especially for students from diverse cultural backgrounds. The programme will help you understand some of the ways in which study at Victoria differs from school study or from university study in other countries. Student Learning offers weekly programmes for international students on topics such as grammar troubleshooting and academic speaking. You can also attend weekly conversation groups to meet New Zealand students and practise speaking English. Look out for details in the *Student Guide* publication or on the website.

▶ [www.victoria.ac.nz/student-learning](http://www.victoria.ac.nz/student-learning)

## SCHOLARSHIPS

New Zealand Development Scholarships are offered to people from selected developing countries by the New Zealand Ministry of Foreign Affairs and Trade. The scholarships fund undergraduate and postgraduate study in areas identified as priority development sectors in the applicant's home country.

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

## INTERNATIONAL ORIENTATION

During Orientation, new international students are welcomed to the University, introduced to study at Victoria and given opportunities to meet other students and staff.

## CERTIFICATE IN FOUNDATION STUDIES

Victoria'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 Victoria's undergraduate programmes.

The programme offers flexibility with four intakes per year and six-, eight- and twelve-month course options (two, three or four terms), depending on your academic background and level of English. The curriculum develops subject knowledge and skills as well as entrepreneurial enterprise, leadership and team skills to equip you for university.

When you apply for the programme you will receive two offers of place at the time of application:

- a letter of offer for the foundation programme and a conditional letter of offer for an undergraduate degree at Victoria
- an unconditional offer of place will be issued as soon as you have successfully completed the programme and met admission requirements.

Subject choices include Accounting, Biology, Calculus, Chemistry, Communication, Culture, Economics, Marketing, Physics, Statistics and Tourism. The top student completing the programme each term receives a NZ\$5,000 scholarship towards the tuition fees in the first year of their undergraduate degree at Victoria.

▶ [www.victoria.ac.nz/foundation-studies](http://www.victoria.ac.nz/foundation-studies)



# ADMISSION AND ENROLMENT

How to apply.....	24
Admission to Victoria.....	26
Enrolment.....	30
Finance.....	32
Scholarships.....	34
Tohu Māoritanga.....	35



# HOW TO APPLY

Follow these steps to help you apply and get prepared to study at Victoria.

## 1. Check University Entrance requirements

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

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

## 2. Plan your programme

Decide which degree is right for you and what courses you wish to study. See page 43 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 right).

## 3. Apply to enrol

Apply online at [www.victoria.ac.nz/apply](http://www.victoria.ac.nz/apply)

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

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 right).

## 4. Submit supporting documentation

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

Documents are due **20 January 2018**.

## 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 Victoria 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 accept 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](http://www.studylink.govt.nz)
- find accommodation: [www.victoria.ac.nz/accommodation](http://www.victoria.ac.nz/accommodation)
- collect your student ID card: [www.victoria.ac.nz/student-id](http://www.victoria.ac.nz/student-id)
- come to Orientation, 26 February–2 March 2018: [www.victoria.ac.nz/orientation](http://www.victoria.ac.nz/orientation)

## GET IN TOUCH

### Admission Office

For help with admission:

📞 **0800 VICTORIA (842 867)**

✉ [admission-office@vuw.ac.nz](mailto: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](mailto: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](mailto:course-advice@vuw.ac.nz)

▶ [www.victoria.ac.nz/steps-to-apply](http://www.victoria.ac.nz/steps-to-apply)



## KEY DATES

**1 AUG 2017**

Halls of residence applications open for 2018



**15 SEP 2017**

Victoria school-leaver scholarship applications due

**1 OCT 2017**

Enrolment opens  
Halls of residence applications close

**1 DEC 2017**

Deadline for limited-entry courses and limited-entry programmes (not applicable to school leavers)

**10 DEC 2017**



School leavers should apply to enrol by this date to ensure a place in their preferred courses

**20 JAN 2018**

Enrolment applications due  
Documents due

**2 MAR 2018**

Fees due



**5 MAR 2018**

Trimester One begins

# ADMISSION TO VICTORIA

To study at Victoria, you need to gain admission and apply to enrol. There are eight types of admission for 2018. 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 29.

## GAINING ADMISSION

If you achieve University Entrance, you will have admission to Victoria. To be accepted into Victoria, you will need to:

- achieve University Entrance—the following pages explain what is required for each admission type
- apply to enrol by **10 December 2017** to ensure a place in your preferred courses. Enrolment applications are due **20 January 2018**.

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 Victoria 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 115).



## Guaranteed Entry Score

To be automatically accepted 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 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 to a degree at Victoria. 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 Victoria.

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 2018

There are various ways you can gain admission to Victoria University of Wellington. The following admission types apply to New Zealand or Australian citizens and New Zealand permanent residents. International students should see page 29.

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, or 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 entrance qualification**  
For applicants who have completed the Victoria Foundation Studies Programme or the Tohu 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 over 20 years of age 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](mailto:admission-office@vuw.ac.nz)



# 1. NCEA

An NCEA Level 3 Certificate		
14 credits at Level 3 in an approved subject	14 credits at Level 3 in an approved subject	14 credits at Level 3 in an approved subject
<b>Literacy</b> 10* credits at Level 2 or above (5 in reading, 5 in writing)		<b>Numeracy</b> 10* credits at Level 1 or above

\* From specified lists of standards. See [www.nzqa.govt.nz](http://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			
Approved subject	Excellence credits (worth 4 points each)	Merit credits (worth 3 points each)	Achieved credits (worth 2 points each)
English	8	4	6
History	-	6	10
Statistics	4	4	16
Geography	-	10	10
French	-	-	24
Subtotals	12	24	66
Best 80 credits	12	24	44
Calculate points	48 pts (12 x 4)	72 pts (24 x 3)	88 pts (44 x 2)
Rank score			208 pts

## Guaranteed Entry Score

The Guaranteed Entry Score for 2018 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, and
- 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 GSCE 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.

Level	Grade A*	Grade A	Grade B	Grade C	Grade D	Grade E
A	140 pts	120 pts	100 pts	80 pts	60 pts	40 pts
AS	-	60 pts	50 pts	40 pts	30 pts	20 pts

An example of a rank score for CIE					
Syllabus	Level	Subject units	Grade	Tariff point	Rank score
English Literature	A	2	D	60	60
Mathematics	A	2	C	80	80
Geography	AS	1	C	40	40
French	AS	1	E	20	20
History#	AS	1#	E	20#	nil#
Rank score	-	-	-	-	200

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

### Guaranteed Entry Score

The Guaranteed Entry Score for 2018 from CIE for all undergraduate degrees is 160 points, except for the Bachelor of Architectural Studies and the Bachelor of Building Science, which 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 2018 from IB for all undergraduate degrees is 28 points, except for the Bachelor of Architectural Studies and the Bachelor of Building Science, which 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 grade average of B+ is required for guaranteed entry to the Bachelor of Architectural Studies and the Bachelor of Building Science
- 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](http://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 ENTRANCE QUALIFICATION

You will be admitted to Victoria if you have one of the following:

- a Victoria Certificate in Foundation Studies
- a Tohu Māoritanga / Diploma of Māoritanga (see page 35).



## 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 over 20, 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.

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 January 2018**. 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 Victoria, you may wish to consider undertaking further study and re-applying later. If you have special circumstances or questions about admission to Victoria, contact Student Recruitment and Orientation (see page 24).

## 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 a Foundation Studies programme.
- If you have not studied at a New Zealand secondary school, you will need to meet Victoria's 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.

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

## 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 24).

## TOHU MĀORITANGA / DIPLOMA IN MĀORITANGA

This programme 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. See page 35 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.

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

## Foundation Studies programme

For more information about Victoria University's Certificate in Foundation Studies, see page 22.

## 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 2018 from **1 October 2017**. 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.

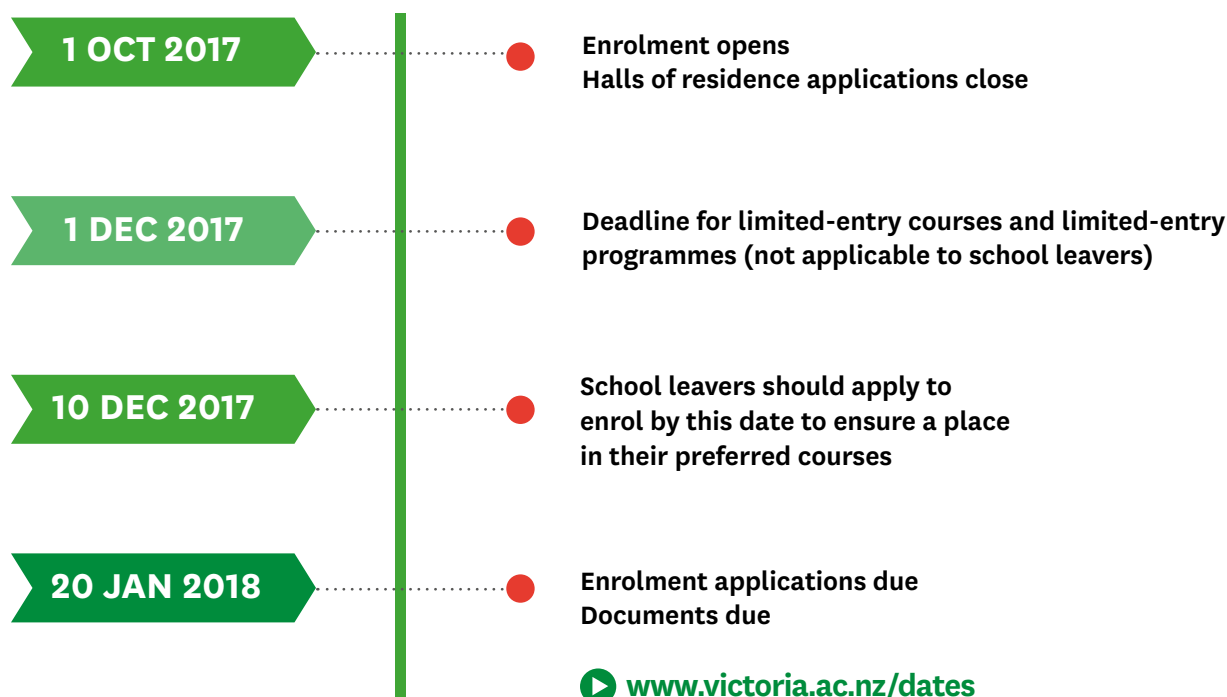
After you apply online, we will communicate with you by email. Make sure you have an up-to-date personal email address that you can access easily and frequently during the enrolment process, even if you are away on holiday. Do not use your school email address or a family email address.

▶ [www.victoria.ac.nz/steps-to-apply](http://www.victoria.ac.nz/steps-to-apply)



## KEY DATES

The following dates are provisional—go to our website for updates.



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

## Trimester Two

If you want to start studying at Victoria 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 22 for more information.

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

## Privacy

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

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



## RECEIVING YOUR OFFER OF STUDY

In response to your enrolment application, you will be sent an Offer of Study. This will be a Conditional Offer if you are still awaiting NCEA or other results or if you apply under Special Admission.

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 2017 and some students may not receive an offer until early 2018.

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 2018**. 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're using a different name from that on your birth certificate or passport
- proof of citizenship, residency status or permanent residency status, if applying as a domestic student
- official transcripts of previous academic records if 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.jpfd.org.nz](http://www.jpfd.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 **10 January 2018**. After this date, you will need to wait until after **1 February 2018** (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 Allowance, and may delay you becoming fully enrolled.

## DECLINING AN OFFER OF STUDY

If you decide not to study at Victoria, you can decline the online Offer of Study, return your Offer of Study (crossed out and signed), email or write to 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 from Victoria. This will confirm the details of your programme of study and show any changes you may have made to your Offer of Study. The Confirmation of Study will also include details of your timetable and lecture rooms.

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 at Victoria. The *Getting Started* publication outlines what you need to know to help you succeed as a student and will be sent automatically to you.

---

FIND OUT MORE  [www.victoria.ac.nz/apply](http://www.victoria.ac.nz/apply)

Enrolment Office | 📞 0800 VICTORIA 842 867 | ✉ [enrolment-enquiries@vuw.ac.nz](mailto:enrolment-enquiries@vuw.ac.nz)

# FINANCE

## TUITION FEES

Tuition fees at Victoria are charged on a per-point basis and vary by faculty or subject. Each year, you are charged for the courses you enrol in 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.

### Fees estimate

Here's an example of how fees would be calculated for the first year of a Bachelor of Commerce, showing individual charges by course and additional fees for student support services.

This information on costs is a general guide only. The fees shown here are for 2017—fees for 2018 will be set in October 2017.

These fees are for undergraduate courses for New Zealand citizens and permanent residents.

Courses	Points	Fees
ACCY 130 Accounting for Decision Making	15	\$788.25
ECON 130 Microeconomic Principles	15	\$788.25
ECON 141 Macroeconomic Principles	15	\$788.25
FCOM 111 Government, Law and Business	15	\$788.25
INFO 101 Foundations of Information Systems	15	\$788.25
MARK 101 Principles of Marketing	15	\$788.25
MGMT 101 Introduction to Management	15	\$788.25
QUAN 102 Statistics for Business	15	\$788.25
Tuition fees (total)		\$6,306.00
Student Assistance Levy		\$24.00
Student Services Levy		\$730.50
<b>Total</b>		<b>\$7,060.50</b>

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-calculator](http://www.victoria.ac.nz/fees-calculator)

### International students

For international student fees, contact Victoria International.

▶ [www.victoria.ac.nz/international-fees](http://www.victoria.ac.nz/international-fees)

### 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.

[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.

#### Student Fees Advisers

☎ 04-463 5484

✉ [student-finance@vuw.ac.nz](mailto:student-finance@vuw.ac.nz)

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

## 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 Allowance, contact the student finance advisers.

#### StudyLink

☎ 0800 889 900

fax 0800 883 388

▶ [www.studylink.govt.nz](http://www.studylink.govt.nz)

FIND OUT MORE ▶ [www.victoria.ac.nz/money](http://www.victoria.ac.nz/money)



## 2017 TUITION FEES FOR DOMESTIC STUDENTS

Area of study	Per-point cost	Average first-year cost based on taking 120 points
Architecture	\$62.10	\$7,452.00
Design	\$55.82	\$6,698.40
Chemical, Physical, Biological and Earth Sciences	\$56.42	\$6,770.40
Commerce	\$52.55	\$6,306.00
Education	\$44.67	\$5,360.40
Engineering	\$65.38	\$7,845.60
Humanities and Social Sciences	\$44.67	\$5,360.40
Law	\$52.55	\$6,306.00
Mathematics and Statistics	\$49.10	\$5,892.00
Music	\$56.52	\$6,782.40
Psychology and Computer Science	\$55.82	\$6,698.40

In addition to tuition fees, students are also required to pay Student Levy fees of around \$755 per year. Fees and levy details for 2018 are available online after 1 October 2017.

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

## BUDGET ADVICE

Student finance advisers provide practical advice on how to plan and manage financially. They also assist with scholarship applications that require financial statements. Student Finance also publishes the *Financial Survival Guide*. Download it from the website or contact us for a copy to be sent to you.

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

Annual costs	Hall—38 weeks	Flatting—39 weeks	My budget
Rent	\$14,022	\$7,020	
Snacks	\$1,140	\$1,170	
Entertainment	\$1,140	\$1,170	
Power	\$0*	\$780	
Transport—bus pass	\$0 <sup>v</sup>	\$1,443	
Phone	\$190	\$195	
Internet	\$0*	\$234	
Food	\$0*	\$2,730	
Bond	\$600 <sup>^</sup>	\$525	
Set-up allowances (eg. whiteware, furniture)	–	\$400	
Subtotal	\$17,092	\$15,667	
<b>Fixed costs</b>			
Average tuition fee	\$6,500	\$6,500	
Student services fees and levies	\$754.50	\$754.50	
Subtotal	\$7,254.50	\$7,254.50	
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	\$300	\$300	
Subtotal	\$2,750	\$2,750	
Total cost	\$27,097	\$25,672	

\* Included in rent.

<sup>v</sup> Walking distance.

<sup>^</sup> Approximate cost, includes bond, activities fee and administration fee.

Note: Hall of residence costs are based on a single room at Te Puni Village for 38 weeks at \$369 per week. Flatting costs are for 39 weeks at an average of \$180 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 2017 costs.

# SCHOLARSHIPS

Victoria has a range of scholarships and awards available to students. Scholarships are available for students 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](http://www.victoria.ac.nz/scholarships)

## SCHOOL LEAVER SCHOLARSHIPS

Victoria offers two main scholarships for school leavers, the Victoria Excellence Scholarship and the Victoria Achiever Scholarship. These are awarded to hundreds of first-year undergraduate students each year. Successful applicants for both of these scholarships will also be guaranteed an offer of a place in one of our halls of residence, provided an accommodation application is received by **1 October 2017**.

Applicants should intend to enrol full time in a Bachelor's degree at Victoria University in 2018. The scholarships can be put towards tuition fees or Victoria University hall of residence costs.

 [www.victoria.ac.nz/school-leaver-scholarships](http://www.victoria.ac.nz/school-leaver-scholarships)

## VICTORIA EXCELLENCE SCHOLARSHIP

Applications for the Victoria Excellence Scholarships close on 15 September 2017. These scholarships are awarded competitively, and all applicants will be notified of the outcome of their application after this date. Note that this year we will be considering only students' academic results attained during Year 12. Students with one of the following levels of achievement are encouraged to apply:

- NCEA Level 2 Certificate endorsed with Excellence
- a score of at least 230 points on the UCAS Tariff across their best four subjects at AS or A level in the CIE
- an expected score of at least 37 points on their IB diploma—students will be notified of the outcome of their application after their IB results are released.

In 2018, the majority of these scholarships will be awarded at \$5,000 for the first year of study, with 20 Vice-Chancellor's Excellence Scholarships worth \$20,000 (over three years) being awarded to the top applicants.

## VICTORIA ACHIEVER SCHOLARSHIP

Victoria Achiever Scholarships aim to encourage students who may otherwise be unable to attend Victoria. Applicants must be from one or more of the following groups: Māori students; Pasifika students; students with a disability; students who can demonstrate financial hardship; and students who were educated at a decile 1 to 3 secondary school. Applications close on **15 September 2017**. These scholarships are awarded competitively, and all applicants will be notified of the outcome of their application after this date.

Students with one of the following levels of achievement from Year 12 are encouraged to apply:

- NCEA Level 2 Certificate endorsed with Merit
- a score of at least 170 points on the UCAS Tariff across their best four subjects at AS or A level in the CIE
- an expected score of at least 31 points on their IB diploma—students will be notified of the outcome of their application after their IB results are released.

In 2018, the majority of these scholarships will be awarded at \$5,000 for the first year of study, with five Vice-Chancellor's Achiever Scholarships worth \$20,000 (over three years) being awarded to the top applicants.

## OTHER SCHOLARSHIPS

Other scholarships are available through the University for first-year students.

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

The givME database is another source of information on awards, grants and scholarships.

 [www.generosity.org.nz/giv-me](http://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](http://www.teachnz.govt.nz)

## Sports scholarships

For up-to-date information about sports scholarships, contact [karl.whalen@vuw.ac.nz](mailto:karl.whalen@vuw.ac.nz)

## Bachelor of Health Inaugural Scholarships

The Faculty of Health is offering Bachelor of Health Inaugural Scholarships that will be awarded at a value of up to \$5,000 with a minimum scholarship of \$1,000. Applications for these scholarships close on 15 September 2017 and, provided approval from the Committee on University Academic Programmes is obtained, will be awarded competitively on the basis of academic merit and other criteria. Applicants will be notified of the outcome of their application after this date.

FIND OUT MORE  [www.victoria.ac.nz/scholarships](http://www.victoria.ac.nz/scholarships)



# TOHU MĀORITANGA

## TOHU MĀORITANGA / DIPLOMA IN MĀORITANGA

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. You must pass 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 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 is a course within the Tohu Māoritanga programme, and it 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. Students 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. Students will also develop research skills through the exploration of waiata with individual significance.

### MAOR 003 **20 POINTS (1/3)**

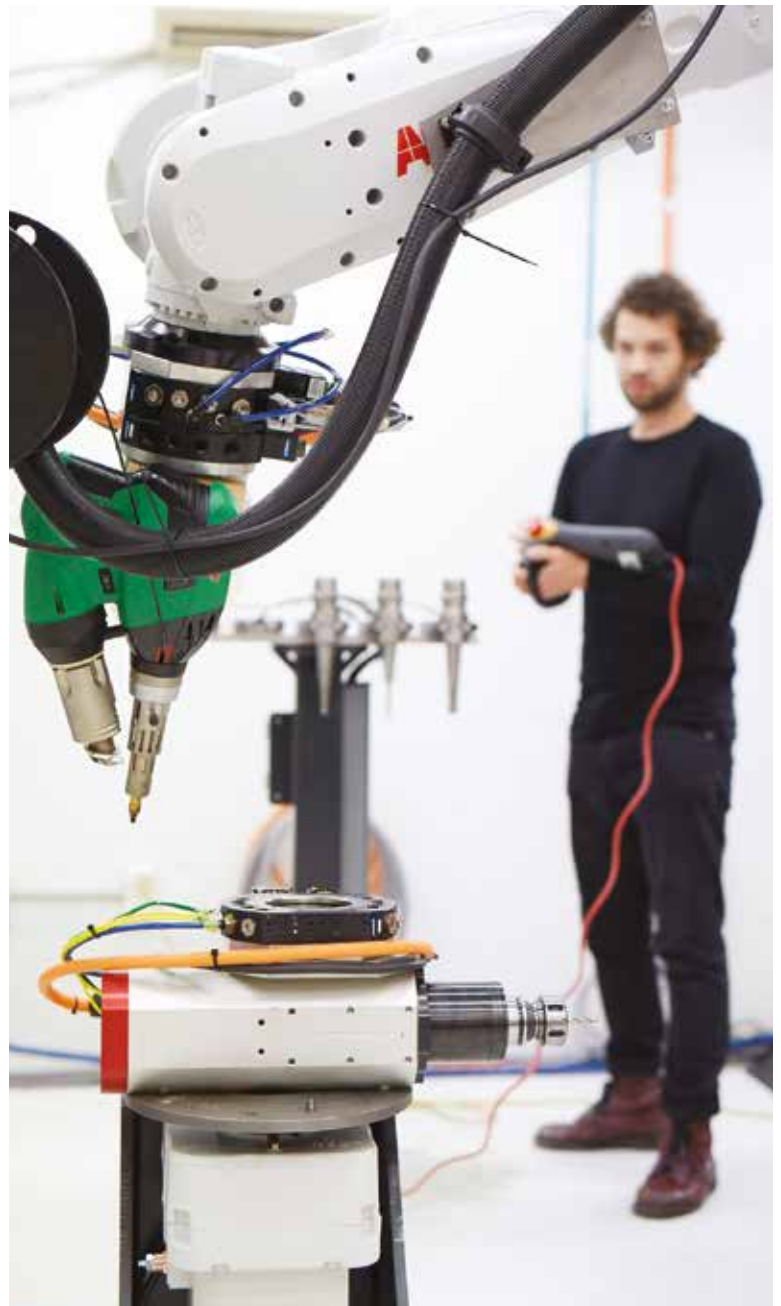
#### Whakakokoi Mātauranga / Academic Study Skills

This course is tailored to the Tohu Māoritanga programme and introduces students to competencies needed for university such as critical thinking, academic writing, independent learning, personal management, note-taking, goal setting, presentations and library skills. Students will also learn to read academic texts and follow ethical study practices. Essential computing skills are also covered and students will develop and refine their study strategies.

For information about MAOR 101, MAOR 102, MAOR 111, MAOR 112 and MAOR 123, see the subjects and courses pages (from page 115).

FIND OUT MORE  [www.victoria.ac.nz/tohu-maoritanga](http://www.victoria.ac.nz/tohu-maoritanga)

TE KAWA A MĀUI / SCHOOL OF MĀORI STUDIES | 📞 04-463 5314 | ✉️ [maori-studies@vuw.ac.nz](mailto:maori-studies@vuw.ac.nz)





# A VICTORIA DEGREE

Exploring your options.....	38	Bachelor of Engineering with Honours.....	80
How our degrees work.....	40	Bachelor of Health.....	86
Planning your first year.....	42	Bachelor of Laws.....	92
Bachelor of Architectural Studies.....	44	Bachelor of Music.....	96
Bachelor of Arts.....	48	Bachelor of Science.....	100
Bachelor of Biomedical Science.....	56	Bachelor of Tourism Management.....	108
Bachelor of Building Science.....	60	Primary and secondary	
Bachelor of Commerce.....	64	teacher education.....	112
Bachelor of Design Innovation.....	70		
Bachelor of Education (Teaching)			
Early Childhood.....	76		



# EXPLORING YOUR OPTIONS

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 from page 115. 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](http://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, engineer and IT specialist.

▶ [www.careers.govt.nz](http://www.careers.govt.nz)

▶ [www.futureintech.org.nz](http://www.futureintech.org.nz)

### What can I do with my degree?

Victoria's Careers and Employment website has some great career development tools to help you on your way—learn about making career decisions, what you can do with your degree, graduate employment and more.

▶ [www.victoria.ac.nz/careers](http://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. Successful people have a flexible outlook and take advantage of opportunities.

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. The right attitude to life, study and work is what gives you a competitive edge when applying for jobs.

Our statistics show that our graduates are employed in a variety of sectors. Our latest annual Careers and Employment Job Report shows that in 40 percent 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 Victoria degree widens your career options.

## VICTORIA'S GRADUATE PROFILE

Victoria prepares its graduates to be scholars who:

- have a specialised understanding of their chosen field(s) of study
- exhibit well-developed skills in critical and creative thinking
- communicate complex ideas effectively and accurately in a range of contexts
- demonstrate intellectual autonomy through independence of thought, openness to ideas and information and a capacity to manage their own learning
- demonstrate intellectual integrity and understand the ethics of scholarship.

Victoria prepares its graduates to be active and engaged global citizens who:

- demonstrate international perspectives
- can engage constructively with their local and international communities
- are able to work both independently and collaboratively with others
- know how to set and achieve personal and professional goals for themselves.

▶ [www.victoria.ac.nz/graduate-profile](http://www.victoria.ac.nz/graduate-profile)





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



Image: WellingtonNZ.com

# HOW OUR DEGREES WORK

Many of Victoria's degrees are very 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.

## DEGREES

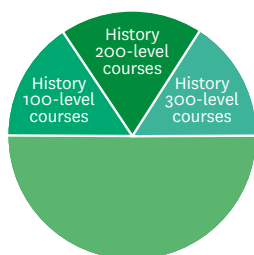


A degree is a qualification awarded when you complete a programme of university study. Your first university degree is called an undergraduate, or Bachelor's degree. Each degree has its own set of requirements that you need to complete in order to graduate.

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, the Bachelor of Laws takes four years.

## MAJORS

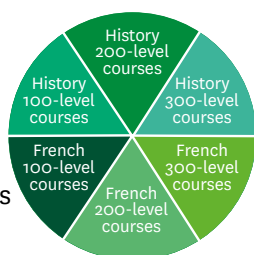
120–150 points



Majors are the subject(s) you focus on throughout your degree. For example, you can take a Bachelor of Arts (BA) with a major in History, or a Bachelor of Science (BSc) with a major in Marine Biology. 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 have 'streams' within them, called specialisations. These allow you to focus more on a particular area (for example, you can major in Media Design, with a specialisation in 3D Design and Animation).

## DOUBLE MAJORS

240–300 points



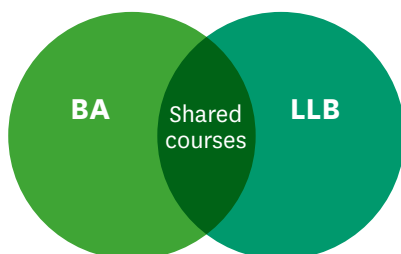
With a double major, you focus on two subjects within one degree—for example, a BA with a double major in History and French. This requires the same number of points as a degree with only one major, and should not take any extra time. Some of our degrees let you take a second major from another degree—for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

## MINORS

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, Bachelor of Science and Bachelor of Tourism Management.

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.

## CONJOINT PROGRAMMES



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. For example, a conjoint BA/LLB would take five years to complete.

At Victoria, any two undergraduate degrees can be studied together in a conjoint programme. However, Victoria's 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.

## ELECTIVES

If you still have room in your programme, you can include other subjects in which you are interested (often called electives).





FIND OUT MORE

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

# PLANNING YOUR FIRST YEAR

Once you've selected your degree(s) and the subjects you want to study, you can plan your first year.

## 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 online 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 some students may benefit from taking fewer points in their first year—particularly in their first trimester.

▶ [www.victoria.ac.nz/study/course-planning](http://www.victoria.ac.nz/study/course-planning)

## Sample course plan

Below is an example of a first-year plan.

<b>Degree: Bachelor of Arts</b>			
<b>Majors:</b> History, Political Science			
<b>Minor:</b> Film			
Trimester One (1/3)	Points	Trimester Two (2/3)	Points
HIST 112	20	HIST 118	20
POLS 111	20	POLS 112	20
FILM 101	20	FILM 102	20
<b>Trimester One points</b>	60	<b>Trimester Two points</b>	60
<b>Total points</b>			120

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

You can find other examples for specific degree programmes from page 44.





## HOW TO PLAN YOUR FIRST YEAR

### 1. Check your degree requirements

Check the requirements for your degree, from page 44.

### 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 online course finder 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 115). 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](http://www.victoria.ac.nz/courses)



## 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, CHEM 113 is a Chemistry 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.

Trimester One	(1/3)	March to July
Trimester Two	(2/3)	July to November
Trimester Three	(3/3)	November to February

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 176 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

☎ 04-463 5374 or 0800 VICTORIA (842 867)


Auckland Office, Level 4, The Chancery,  
50 Kitchener Street, Auckland

☎ 09-300 2080 or 0800 VICTORIA (842 867)

✉ [course-advice@vuw.ac.nz](mailto:course-advice@vuw.ac.nz)



# BACHELOR OF ARCHITECTURAL STUDIES



**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—Victoria's Bachelor of Architectural Studies (BAS) 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 60).

## POTENTIAL CAREERS

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

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

FACULTY OF ARCHITECTURE AND DESIGN | 139 Vivian Street, Wellington

☎ 04-463 6200 | ✉ [architecture@vuw.ac.nz](mailto:architecture@vuw.ac.nz) | [www.victoria.ac.nz/architecture](http://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.

Students wanting an accredited professional degree in Architecture or Landscape Architecture, or a professionally recognised Master of Interior Architecture, 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/fad/postgraduate](http://www.victoria.ac.nz/fad/postgraduate)

## RECOMMENDED SCHOOL SUBJECTS

These 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.

## MAJORS

**Architecture** explores the design of the built world as an expression of culture. Studying architecture is about gaining a breadth of knowledge about the social, environmental and political contexts of building and developing the skills to creatively apply that knowledge to architectural design.

**Architecture History and Theory** is a theory-based major encompassing concepts wider than the professionally oriented practical Architecture major. This major is designed for those who are interested in the historical and theoretical concepts that frame the built environment.

**Interior Architecture** deals with our physical, cultural and emotional interaction with spaces. The study of the intimate connection between people and their environments is fundamental. Topics covered include commercial, residential and institutional spaces.

**Landscape Architecture** focuses on the creation of landscapes that are culturally, socially, economically and environmentally responsive. Students develop an understanding of issues relating to place, scale, landscape processes, time, strategy and synthesis.

Major	Code
Architecture	ARCI
Architecture History and Theory	AHTY
Interior Architecture	INTA
Landscape Architecture	LAND

## 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)

Trimester One (1/3)	Trimester Two (2/3)
SARC 111	SARC 112
SARC 131	SARC 121
SARC 151	SARC 122*
SARC 161	SARC 162

\* 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 311	ARCH 312
ARCI 251	SARC 223	SARC 321	SARC 352
SARC 222	Elective (15 points)	SARC 351	Elective (15 points)
SARC 221		SARC 362	

### Major in Interior Architecture

Second year		Third year	
INTA 211	INTA 212	INTA 311	SARC 352
SARC 221	SARC 223	SARC 362	INTA 312
INTA 251	Elective (15 points)	SARC 323	INTA 321
INTA 261		Elective (15 points)	

### Major in Landscape Architecture

Second year		Third year	
LAND 211	LAND 212	LAND 311	SARC 352
LAND 251	LAND 222	SARC 351	LAND 312
LAND 221	Elective (15 points)	SARC 362	LAND 321
LAND 261		Elective (15 points)	

### Major in Architecture History and Theory

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

## DEGREE EXAMPLES

### BAS majoring in Architecture

Year 1		Year 2		Year 3	
1/3	2/3	1/3	2/3	1/3	2/3
SARC 111 15 points	SARC 112 15 points	ARCI 211 15 points	ARCI 212 30 points	ARCI 311 15 points	ARCI 312 30 points
SARC 131 15 points	SARC 121 15 points	ARCI 251 15 points		SARC 351 15 points	
SARC 151 15 points	SARC 122 15 points	SARC 221 15 points	SARC 223 15 points	SARC 362 15 points	SARC 321 15 points
SARC 161 15 points	SARC 162 15 points	SARC 222 15 points	Elective 15 points	Elective 15 points	SARC 352 15 points
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

### BAS majoring in Interior Architecture

Year 1		Year 2		Year 3	
1/3	2/3	1/3	2/3	1/3	2/3
SARC 111 15 points	SARC 112 15 points	INTA 211 15 points	INTA 212 30 points	INTA 311 15 points	INTA 312 30 points
SARC 131 15 points	SARC 121 15 points	INTA 251 15 points		SARC 323 15 points	
SARC 151 15 points	SARC 122 15 points	INTA 261 15 points	SARC 223 15 points	SARC 362 15 points	INTA 321 15 points
SARC 161 15 points	SARC 162 15 points	SARC 221 15 points	Elective 15 points	Elective 15 points	SARC 352 15 points
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

### BAS majoring in Landscape Architecture

Year 1		Year 2		Year 3	
1/3	2/3	1/3	2/3	1/3	2/3
SARC 111 15 points	SARC 112 15 points	LAND 211 15 points	LAND 212 30 points	LAND 311 15 points	LAND 312 30 points
SARC 131 15 points	SARC 121 15 points	LAND 221 15 points		SARC 351 15 points	
SARC 151 15 points	SARC 162 15 points	LAND 251 15 points	LAND 222 15 points	SARC 362 15 points	LAND 321 15 points
SARC 161 15 points	Elective 15 points	LAND 261 15 points	Elective 15 points	Elective 15 points	SARC 352 15 points
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

#### Key

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



# CELINE CHENG

Student, Bachelor of Architectural  
Studies in Architecture

---

“Knowing that I could fully explore a programme and change my intended path at the end of first year was one of the reasons I was attracted to study Architecture at Victoria.”

## Creative campus

I came to Victoria for its Architecture programme. The facilities and the campus looked amazing, with the workshops and studios all filled with modern equipment. The Te Aro campus is dedicated to Architecture and Design students, which means you are constantly surrounded by creative minds who always push you to go further.

## Flexible pathways

I liked that in first year you could get a taste of all the different disciplines—Architecture, Building Science, Interior Architecture and Landscape Architecture. Then, at the end of the year, I could choose which path I wanted to pursue. Knowing that I could fully explore a programme and change my intended path at the end of first year was one of the reasons I was attracted to study Architecture at Victoria.



## Get involved

Don't be worried about starting university—everyone else around you is in the same position as you. Try out new things, like a sport, where you can meet more people from around the University. I was involved in the dance club in my first year, which was really fun, and I made a lot of new friends.

## Favourite course

My favourite course so far has been BILD 331 Sustainable and Regenerative Design. I learnt about how important looking after our planet is, and how we need to not only design for today's society but also for future generations who will be affected by our actions and designs.

## New friendships

During my studies, I have made lots of good friends, and we spend most of our time together in the studio working on our projects. The programme has definitely lived up to my expectations—I have learnt a lot through all the assignments, including how to use different types of software and new technologies. I have also learnt how to work as part of a team through many group projects and I love being around people who have the same passion as me.



# BACHELOR OF ARTS

A Bachelor of Arts (BA) from Victoria's Faculty of Humanities and Social Sciences encourages you to intentionally explore a range of subjects in order to discover your passions and develop a truly broad base of learning.

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 where we explore how humans interact with each other, such as criminology, international relations or linguistics.

Victoria 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 at Victoria—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.

Victoria has a particularly rich languages programme and we encourage you to try a new language or continue with 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 one of Victoria's other Bachelor's degrees. Combining the BA with other degrees, 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. Our teaching helps you develop flexibility, creativity, imagination and critical and analytical thinking—all attributes New Zealand needs.

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, team work, verbal communication and writing. 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 122), 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](http://www.victoria.ac.nz/working-ba) for further details.

Please note that, due to a recent review of BA major subject requirements, some majors are currently being reworked. This is indicated where relevant. If you require further information, contact the Faculty's Student and Academic Services Office on 04-463 5745 or [fhss-enquiries@vuw.ac.nz](mailto:fhss-enquiries@vuw.ac.nz)

FIND OUT MORE ABOUT THIS DEGREE ► [www.victoria.ac.nz/ba](http://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](mailto:fhss-enquiries@vuw.ac.nz) | [www.victoria.ac.nz/fhss](http://www.victoria.ac.nz/fhss)



## POTENTIAL CAREERS

We encourage you to choose subjects you are interested in, and 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.

▶ [www.victoria.ac.nz/working-ba](http://www.victoria.ac.nz/working-ba)

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

## POSTGRADUATE OPPORTUNITIES

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

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

## 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.

Italian	ITAL	Teaching English to Speakers of Other Languages (TESOL)	TSOL
Japanese	JAPA		
Latin	LATI		
Linguistics	LING	Theatre	THEA

\* Major taught by another faculty.

## Other subjects (not majors)

- Creative Writing (minor)
- Gender and Sexuality Studies (minor)\*\*
- New Zealand Sign Language (NZSL) Studies (minor)
- Social Policy (minor)
- Text Technologies
- Writing (Academic and Professional)

\*\* Subject to approval.

## DEGREE REQUIREMENTS

Three years of full-time study (or longer part time).

A total of 360 points is required:

- at least 240 points must be from courses listed for the BA
- at least 80 points must be from courses numbered 100–199 from the BA Schedule
- a maximum of 180 points must be at 100 level
- at least 180 points must be at 200 and 300 level and, of the 180 points, at least 75 points must be at 300 level and be from Part A of the BA Schedule.

You must satisfy the requirements for at least one major subject.

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

If your major subject is in Part A (the subjects in the table on the left that do not have a star next to them) you may elect to do a second major. In this case:

- Your second major may be chosen from the BA or any other first degree at Victoria.
- 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 on the left (when included as a major for a BA).

If your major subject is in Part B (the subjects in the table on the left that are starred):

- Your degree must include at least 180 points from courses listed for the BA (rather than 240).
- You may not do a second major unless it is from the major subjects in Part A.

## 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'.

## MAJORS

Major	Code	Major	Code
Art History	ARTH	Māori Resource Management	MREM
Asian Studies	ASIA		
Chinese	CHIN	Māori Studies	MAOR
Classical Studies	CLAS	Mathematics*	MATH
Criminology	CRIM	Media Studies	MDIA
Cultural Anthropology	CUAN	Modern Language Studies	MLST
Development Studies*	DEVE	Music	MUSC
Economics*	ECON	Pacific Studies	PASI
Education	EDUC	Philosophy	PHIL
Education and Psychology*	EDPS	Political Science	POLS
English Literature	ENGL	Psychology*	PSYC
Film	FILM	Public Policy*	PUBL
French	FREN	Religious Studies	RELI
Geography*	GEOG	Samoan Studies / Matāupu tau Samoa	SAMP
German	GERM		
Greek	GREE	Sociology	SOSC
History	HIST	Spanish	SPAN
International Relations	INTP	Te Reo Māori	TREO



Bachelor of Arts students may also select up to two minors in undergraduate subject areas offered by Victoria for the BA, Bachelor of Architectural Studies, Bachelor of Commerce, Bachelor of Design Innovation, Bachelor of Science and Bachelor of Tourism Management 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 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](http://www.victoria.ac.nz/courses) for details.

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

## MAJOR REQUIREMENTS

The requirements listed below are the requirements for 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 2018.

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, look in the subjects and courses pages (from page 115).

### Art History (ARTH)

- Two courses from ARTH 100–199.
- Two courses from ARTH 200–299.
- Two courses from ARTH 300–399.
- 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)

- ASIA 101 and further courses worth 20 points from ANTH 101, ANTH 102, CHIN 101, CHIN 102, CHIN 112, FHSS 110, GEOG 112, INTP 113, JAPA 111, JAPA 112, JAPA 113, MUSC 150, RELI 103, RELI 108.
- ASIA 201 and further approved courses worth 20 points.
- ASIA 301 and further approved courses 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<sup>^</sup> (CHIN)

- CHIN 101, CHIN 102, CHIN 112.
- CHIN 211, CHIN 212 and either ASIA 208 or one further course from CHIN 200–299.
- 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<sup>^</sup> (CLAS)

- Two courses from CLAS 100–199.
- Two courses from CLAS 200–299.
- Two courses from CLAS 300–399.
- One further course from CLAS 200–399.

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

### Criminology (CRIM)

- CRIM 111.
- CRIM 212 and either one further course from CRIM 200–299 or SACS 201.
- 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 130).

### Cultural Anthropology (CUAN)

- ANTH 101, ANTH 102.
- Two courses from ANTH 200–299.
- Two courses from ANTH 300–399.

### Development Studies\* (DEVE)

- GEOG 112, one approved regional-based course and one approved subject-based course\*\*.
- GEOG 212, one approved regional-based course and one approved subject-based course.
- GEOG 312, GEOG 316 and one approved 300-level course.

\*\* See page 133.

### Economics\* (ECON)

- ECON 130, ECON 141, QUAN 102 (or MATH 177 or STAT 131/193) and QUAN 111 (or MATH 141/142, or 151).
- ECON 201 and ECON 202 and one course from ECON 211, ECON 212, FINA 201, MATH 277, QUAN 201, QUAN 203.
- Three courses at 300 level from ECON 301–399, FINA 304, FINA 306, PUBL 303.

### Education (EDUC)

- EDUC 101, EDUC 141.
- Courses worth 40 points from EDUC 200–299.
- Two courses from EDUC 300–399.
- Further course(s) worth 20 points from EDUC 200–399.

You cannot take a double major in Education and Psychology (EDPS) and Psychology (PSYC), or Education and Psychology (EDPS) and Education (EDUC).

## Education and Psychology\* (EDPS)

- EDUC 141, either PSYC 121 or PSYC 122, and either STAT 193 or MATH 177.
- EDUC 243, EDUC 244, PSYC 232, and one further course from PSYC 200–299.
- One course from EDUC 300–399, PSYC 325, and one further course from EDUC or PSYC 300–399.

You are not able to do 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)

- Two courses from ENGL 100–199.
- Two courses from ENGL 200–299; and one further course from ENGL 200–299 or CREW 200–299, or THEA 205, or THEA 211.
- One course from ENGL 300–329; and two further courses from (ENGL 300–399 or THEA 305).

## Film (FILM)

- FILM 101, FILM 102.
- Two courses from FILM 200–299.
- Two courses from FILM 300–399.
- 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.

## French^ (FREN)

- FREN 101\*\*, FREN 102\*\*, FREN 104.
- FREN 201, FREN 202, and one further course from FREN 200–299.
- 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)

- GEOG/ESCI 111, GEOG 112, GEOG/ENVI 114, STAT 193 or equivalent.
- GEOG 215, GEOG 217; and one of (GEOG 212, GEOG 214, GEOG 216, GEOG 222).
- GEOG 324, GEOG 325, one course from (GEOG 312–316 or GEOG 320), one further course from GEOG 300–399.

## German^ (GERM)

- GERM 103\*\*, GERM 104\*\*, GERM 114.
- GERM 217, GERM 218 and one further course from GERM 200–299.

- 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)

- CLAS 104 and two further courses from GREE 100–199.
- Two courses from GREE 200–299.
- Two courses from GREE 300–399.

## History (HIST)

- Two courses from HIST 100–199 or CLAS 104 or CLAS 105.
- Two courses from HIST 200–299 or CLAS 207 or CLAS 208.
- Three courses from HIST 300–399 or CLAS 307 or CLAS 308.

You must complete at least five HIST courses from 100–399, including at least two at 300 level.

## International Relations^ (INTP)

- INTP 113, and one course from POLS 100–199.
- Two courses from INTP 200–299.
- One course from INTP 300–399 and one further course from INTP 300–399, HIST 321, HIST 336, POLS 300–399.
- One further course from INTP 200–299, POLS 200–299, HIST 249, PHIL 264, INTP 300–399, POLS 300–399, 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; including, normally, 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.

**Note:** In 2018, students may satisfy the requirement in (a) for 20 points from POLS 100–199 by taking INTP 115.

## Italian^ (ITAL)

- ITAL 114, ITAL 115.
- ITAL 215, ITAL 216 and one further course from ITAL 200–299.
- 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)

- JAPA 111\*\*, JAPA 112\*\*, JAPA 113.
- JAPA 204, JAPA 205 and one further course from JAPA 200–299.
- 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)

- CLAS 105, LATI 103\*\*, LATI 104.
- Two courses from LATI 200–299\*\*\*.
- Two courses from LATI 300–399.

\*\* You may substitute one course from CLAS 100–199 (with the exception of CLAS 105) 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)

- LING 111.
- LING 221, LING 227, LING 228.
- Two courses from LING 300–399.

## Māori Resource Management (MREM)

- MAOR 123 and two courses from (MAOR 101, MAOR 102, MAOR 111 or MAOR 112).
- Two courses at from MAOR 202, MAOR 203, MAOR 217.
- MAOR 301, and one course from (MAOR 302 or MAOR 316).

## Māori Studies (MAOR)

- MAOR 111, MAOR 112, MAOR 123.
- MAOR 211, MAOR 221, and one further course from MAOR 200–299.
- 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)

- MATH 142, MATH 151, MATH 161.
- Four further courses from MATH 200–399.
- Four courses from MATH 300–399.

## Media Studies (MDIA)

- Two courses from MDIA 100–199.
- Two courses from MDIA 200–299.
- Two courses from MDIA 300–399.
- One further course from MDIA 200–399.

## Modern Language Studies (MLST)

- LING 111, and
  - either CHIN 101 and 102, or FREN 101 and 102, or GERM 103 and 104, or ITAL 114 and 115, or JAPA 111 and 112, or MAOR 111 and 112, or SAMO 101 and 102, or SPAN 111 and 112.
- 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.
- Two courses at 300 level: either CHIN 311 and 312, or FREN 301 and 302, or GERM 315 and 316 or GERM 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.

- 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)

- Three courses at 100 level:
  - MUSC 160\*\*
  - one course from MUSC 105–159
  - one further course from (MUSC 100–199, CMPO 100–199, PERF 151).
- Two courses at 200 level:
  - one course from MUSC 200–259
  - one further course from (MUSC 200–299, CMPO 210–299, PERF 250–259).
- Two courses at 300 level:
  - one course from MUSC 300–359
  - one further course from (MUSC 300–399, CMPO 310–399, PERF 350–352).
- At least one further course from the 200- and 300-level courses listed above.

\*\* MUSC 160 must be replaced by another course from MUSC 100–199 if you have either attained Grade V Theory (Trinity, ABRSM or AMEB) or can demonstrate sufficient knowledge of music theory through a placement examination.

## Pacific Studies (PASI)

- Four PASI courses: PASI 101, 201, 202, 301.
- One course in Samoan, Māori or French language.
- 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 on the website.

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

- Two courses from PHIL 100–199.
- Two courses from PHIL 200–299, INTP 261, or POLS 269.
- Three courses from PHIL 300–399, POLS 362.

## Political Science (POLS)

- Two courses from POLS 100–199.
- Two courses from POLS 200–299.
- 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.
- 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're taking a double major in POLS and INTP, you must complete at least 12 POLS and INTP courses, including, normally, 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, PYSC 122, and STAT 193.
- b. PSYC 232 and three further courses from PSYC 200–299.
- c. PSYC 325 and three further courses from PSYC 300–399.

You won't be able to do a double major in Education and Psychology (EDPS) and Psychology (PSYC), or Education and Psychology (EDPS) and Education (EDUC).

### 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)

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

### Samoan Studies / Matāupu tau Samoa (SAMP)

- a. SAMO 101, SAMO 102, SAMO 111.
- b. SAMO 201, SAMO 202.
- c. SAMO 301, 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, SOSC 112.
- b. Two courses from SOSC 200–399, SACS 201 or SACS 202, SPOL 200–299.
- c. Two courses from SOSC 300–399, SPOL 300–399.

### Spanish (SPAN)

- a. SPAN 111, SPAN 112\*\*, SPAN 113.
- b. SPAN 215, SPAN 216 and one further course from SPAN 200–299.
- c. SPAN 315, SPAN 316 and one further course from SPAN 300–399.

\*\* SPAN 111 and SPAN 112 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)

- a. MAOR 101, MAOR 102\*\*, MAOR 111, MAOR 112.
- b. MAOR 211, MAOR 221.
- c. MAOR 311, MAOR 321, MAOR 322.

\*\* MAOR 101 and MAOR 102 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)

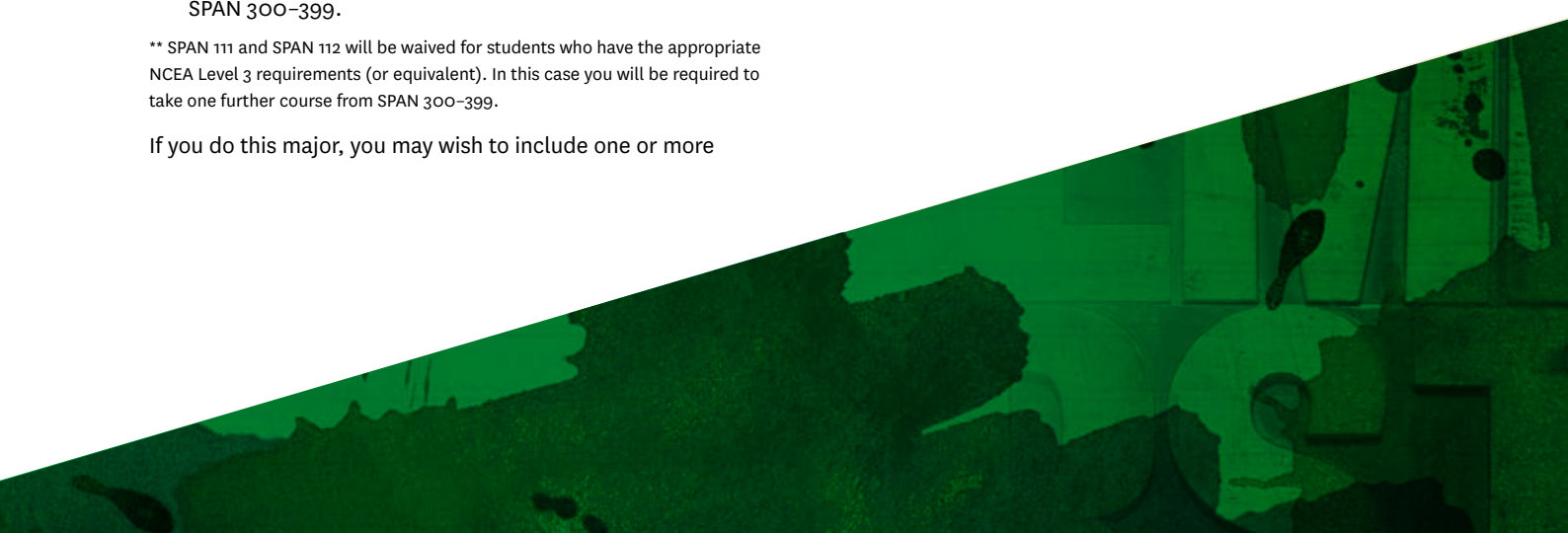
- a. One course in a language other than English, or an equivalent second-language learning experience.
- b. LING 101 or LING 111.
- c. LALS 201, TSOL 202, TSOL 203.
- d. TSOL 301, TSOL 302.

### Theatre (THEA)

- a. THEA 101, 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 requirements are under review.

\* Major taught by another faculty.



## DEGREE EXAMPLES

### BA majoring in Cultural Anthropology and German, with a minor in Linguistics

Year 1		Year 2		Year 3	
1/3	2/3	1/3	2/3	1/3	2/3
ANTH 101 20 points	ANTH 102 20 points	ANTH 200 level 20 points	ANTH 200 level 20 points	ANTH 300 level 20 points	ANTH 300 level 20 points
GERM 103 20 points	GERM 104 20 points	GERM 217 20 points	GERM 218 20 points	GERM 300 level 20 points	GERM 314 20 points
Elective 20 points	LING 111 20 points	GERM 200 level 20 points	LING 227 20 points	LING 221 20 points	GERM 300 level 20 points
					LING 300 level 20 points
40 points	60 points	60 points	60 points	60 points	80 points
100 points		120 points		140 points	

Total points required: 360

Total points completed: 380

### BA majoring in Media Studies and Development Studies (DEVE), with a minor in Cultural Anthropology

Year 1		Year 2		Year 3	
1/3	2/3	1/3	2/3	1/3	2/3
MDIA 100 level 20 points	MDIA 100 level 20 points	MDIA 200 level 20 points	MDIA 200 level 20 points	MDIA 300 level 20 points	MDIA 300 level 20 points
DEVE 100-level regional-based course 20 points	GEOG 112 15 points	ANTH 208, 209, or 215 20 points**	GEOG 212 20 points	MDIA 200 or 300 level 20 points	GEOG 312 20 points
ANTH 101 20 points*	INTP 115 20 points	ANTH 200 level 20 points	DEVE 200-level regional-based course 20 points	GEOG 316 20 points	DEVE 300-level course 20 points
				ANTH 300 level 20 points	
60 points	55 points	60 points	60 points	80 points	60 points
115 points		120 points		140 points	

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

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

Total points required: 360

Total points completed: 375

### BA majoring in Film and Media Studies

Year 1		Year 2		Year 3	
1/3	2/3	1/3	2/3	1/3	2/3
FILM 101 20 points	FILM 102 20 points	FILM 200 level 20 points	FILM 200 level 20 points	FILM 300 level 20 points	FILM 300 level 20 points
MDIA 100 level 20 points	MDIA 100 level 20 points	MDIA 200 level 20 points	MDIA 200 level 20 points	FILM 200 or 300 level 20 points	MDIA 300 level 20 points
MAOR 101 20 points	MAOR 102 20 points	CLAS 105 20 points	MUSC 247 20 points	MDIA 300 level 20 points	MDIA 200 or 300 level 20 points
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

#### Key

First Major	Second Major	Minor	Elective
----------------	-----------------	-------	----------



# JOSHUA CLOKE

Student, Bachelor of Arts in International Relations and Asian Studies

---

*“My first year was challenging, but ultimately successful. I was introduced to new ways of thinking and I was required to take responsibility for my own learning.”*

## Passion for politics

I saw studying at Victoria as a way to immerse myself in the real world of politics and international relations. By studying in the capital, my studies have been enriched by my exposure to the institutions, processes and people that I learn about in my lectures.

## Wonderful Wellington

Coming from a small town, the idea of living in a big city was intimidating. However, Wellington's accessibility, culture, warmth and the constant availability of a decent long black meant that I fitted in almost immediately. Wellington provides many opportunities for immersive experiences, whether that's sitting in on question time at Parliament, attending a public lecture, observing a march or engaging with a local politician. I've also had the opportunity to gain work experience in the public sector, which reflects the advantages of Victoria's location.

## Degree flexibility

My first year was challenging, but ultimately successful. I was introduced to new ways of thinking and I was required to take responsibility for my own learning. The beauty of a BA is your ability to try a diverse range of courses and I have made numerous changes to the structure and focus of my degree to reflect the new interests I've developed and new things I've learnt.

## Getting involved

Victoria has allowed me to engage with opportunities directly relevant to my course of study, thanks to its capital city location. Through extracurricular activities such as the Victoria International Leadership Programme, UN Youth, Victoria Development Society, UNIQ, Campus Coaches, Student Reps and the Back2School programmes, I've been able to tap into a range of networks, including those of politicians, diplomats, activists and academics. These extracurricular activities have allowed me to apply my knowledge outside the classroom, while also enhancing my CV.

## World-class teaching

My lecturers have actively supported me in pursuing my study and research interests, while challenging my views, assumptions and approach to research. Victoria's academics are world class, and having such easy access to their leadership and their expertise has not only enriched my academic life but it has also informed the direction of my career.





# BACHELOR OF BIOMEDICAL SCIENCE

A collage of several petri dishes containing bacterial cultures. The dishes are arranged in a circular pattern, with some showing large, dark, circular colonies and others showing smaller, more dispersed colonies. The background is a light, neutral color.

Antibiotic resistance, global disease, gene-editing technology and drug design are some of the biggest challenges, and opportunities, facing our world.

Victoria's 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 those challenges and opportunities and be engaged at the front line of discovering vital medical developments, technology and knowledge to understand and treat health-care 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 Victoria'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, and physiology, the BBmedSc is the first step towards an innovative research career into human health, or an excellent base for study at medical school of postgraduate medical and clinical training programmes.

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](mailto:science-faculty@vuw.ac.nz) | [www.victoria.ac.nz/sbs](http://www.victoria.ac.nz/sbs)

## 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 or management, and 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 Victoria's 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 take a preparation course at Victoria in Trimester Three in the summer before your first year if you don't have the required background in Chemistry. See page 124.

## MAJORS

In your first year, you'll study a core programme of human biology, human disease, cell biology, chemistry, psychology and statistics. You will then study from a range of specialist courses in your second and third year, 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.

Major	Code
Human Genetics	HGEN
Molecular Pathology	MOLP
Molecular Pharmacology and Medicinal Chemistry	MPMC

## DEGREE REQUIREMENTS

Three years of full-time study.

A total of 360 points is required:

- a maximum of 180 points must be at 100 level
- 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 Victoria.

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 115).

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

### Major in Human Genetics

At 100 level	At 200 level	At 300 level
BIOL 111, 114	BIOL 241, 243, 244	Complete three courses: BIOL 340, BMSC 339, BMSC 343
BMSC 116, 117	BMSC 252	
CHEM 114		
COMP 102 or 112		
STAT 193		
		Complete one further course from BIOL, BMSC or BTEC 200–300
		Complete one further course from BMSC 300–399

### Major in Molecular Pathology

At 100 level	At 200 level	At 300 level
BIOL 111, 114	BIOL 241, 243, 244	Complete five courses: BIOL 340, BMSC 301, BMSC 323, BMSC 334, BMSC 335
BMSC 116, 117	BIOL 252	
CHEM 114		
PSYC 122 or COMP 102 or 112		
STAT 193		

### Major in Molecular Pharmacology and Medicinal Chemistry

At 100 level	At 200 level	At 300 level
BIOL 111, 114	BIOL 241, 243, 244	Complete four courses: BMSC 335, BMSC 354, CHEM 301, CHEM 305
BMSC 117	CHEM 201, CHEM 205	Complete one further course from BIOL, BMSC, BTEC or CHEM 300–399
CHEM 114, 115		
PSYC 122		
STAT 193		

## DEGREE EXAMPLES

### BBmedSc majoring in Human Genetics

Year 1		Year 2		Year 3	
1/3	2/3	1/3	2/3	1/3	2/3
BIOL 114 15 points	BIOL 111 15 points	BIOL 244 20 points	BIOL 241 20 points	BIOL 340 20 points	BMSC 339 20 points
CHEM 114 15 points	BMSC 117 15 points	BIOL 252 20 points	BIOL 243 20 points	BMSC 343 20 points	BMSC 300 level 20 points
COMP 102 15 points	STAT 193 15 points	Elective 20 points	200-level major 20 points	Elective 20 points	Elective 20 points
BMSC 116 15 points	Elective 15 points				
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

### BBmedSc majoring in Molecular Pathology

Year 1		Year 2		Year 3	
1/3	2/3	1/3	2/3	1/3	2/3
BIOL 114 15 points	BIOL 111 15 points	BIOL 244 20 points	BIOL 241 20 points	BIOL 340 20 points	BMSC 323 20 points
CHEM 114 15 points	BMSC 117 15 points	BIOL 252 20 points	BIOL 243 20 points	BMSC 301 20 points	BMSC 334 20 points
COMP 102 15 points	STAT 193 15 points	Elective 20 points	Elective 20 points	BMSC 335 20 points	Elective 20 points
BMSC 116 15 points	Elective 15 points				
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

### BBmedSc majoring in Molecular Pharmacology and Medicinal Chemistry

Year 1		Year 2		Year 3	
1/3	2/3	1/3	2/3	1/3	2/3
BIOL 114 15 points	BIOL 111 15 points	BIOL 244 20 points	BIOL 241 20 points	BMSC 335 20 points	BMSC 354 20 points
CHEM 114 15 points	BMSC 117 15 points	Elective 15 points	BIOL 243 20 points	CHEM 301 15 points	300-level major 20 points
STAT 193 15 points	PSYC 122 15 points	Elective 15 points	CHEM 201 15 points	CHEM 305 15 points	Elective 15 points
Elective 15 points	CHEM 115 15 points		CHEM 205 15 points	Elective 15 points	
60 points	60 points	50 points	70 points	65 points	60 points
120 points		120 points		125 points	

Total points required: 360

Total points completed: 365

### Key

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





# MADELINE GRIFFITHS

Student, Bachelor of Biomedical Science  
in Molecular Pathology

*“This programme has exceeded my expectations—it has not only fuelled the passion that I hold for helping people, but it has also opened up so many opportunities to extend my knowledge further.”*

## Making a difference

When I was nearing the end of my time at high school, one of my family members was diagnosed with cancer. They were told “there is nothing left that we can do”. That’s why I chose to put my passion for helping people into a Biomedical Science degree at Victoria, because I believe that I can work hard to get to a place where we no longer have to tell people suffering from illness that they have no options left.

## Passionate about research

I realised that by undertaking research in a laboratory, I could save potentially thousands of lives. That’s what gets me up every morning and makes me go to university to study, rain, hail or shine. This programme has exceeded my expectations—it has not only fuelled the passion that I hold for helping people, but it has also opened up so many opportunities to extend my knowledge further. I am so lucky to be able to do what I love every day of the week.

## Stepping stone

I enjoyed every minute of my first year. To ease the transition from high school to university, I decided to take an introductory course, CHEM 113 Concepts of Chemistry, to reinforce what I had learnt in high school, as I knew that a solid background in chemistry would be important for Biomedical Science. I found this extremely helpful, as it was an important stepping stone to learning new laboratory techniques and procedures.

## Favourite course

My favourite course had to be BMSC 117 The Biology of Disease. We were taught about virology, bacteriology, parasitology and more. The laboratory work was the most fun however, as it gave me an insight into the future I will have as a molecular pathologist.

## Advice

Discover what your learning style is. Everyone learns in different ways—whether it be flashcards, writing out notes or listening to the audio recordings of the lectures. It is important to find what works for you to ensure your success.

# BACHELOR OF BUILDING SCIENCE

**The quality of our buildings is vital to our economy, our environment and our lifestyle.** Take your interest in the process and business of creating great buildings—from construction methods, materials and systems to project management and contractor relations—and contribute to a more sustainable world.

Image: *The Warrander Studio*, a house project designed and built as part of the SARC 591 Master of Architecture (Professional) Thesis, by Ben Sutherland. Image by Jae Warrander © makers.co.nz

Victoria University is an international leader in the field, 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 areas to major in: 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 44).

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

FACULTY OF ARCHITECTURE AND DESIGN | 139 Vivian Street, Wellington

 04-463 6200 |  [architecture@vuw.ac.nz](mailto:architecture@vuw.ac.nz) | [www.victoria.ac.nz/architecture](http://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 project management, sustainable engineering, building research and development, lighting, heating and acoustics. The BBSc, together with an MBSc, fulfils the academic requirements for professional membership of the New Zealand Institute of Building (NZIOB).

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

## RECOMMENDED SCHOOL

### SUBJECTS

These 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 the following subjects—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.

## 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 heating and lighting to air quality and acoustics, while incorporating the efficient use of sustainable materials and building resources.

Major	Code
Building Project Management	BILD
Building Sustainable Engineering Systems	SSEG

## 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 first year). See below.

Satisfy the requirements for at least one major.

### First year (both majors)

Trimester One (1/3)	Trimester Two (2/3)
SARC 111	SARC 121
SARC 131	SARC 122*
SARC 151	SARC 162
SARC 161	Elective (15 points)

\* 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

Second year	Third year
BILD 251	BILD 322
SARC 221	BILD 364
SARC 222	SARC 321
SARC 223	SARC 362
BILD 231	BILD 321
BILD 232	BILD 331
SARC 221	BILD 364
Two elective courses*	Two elective courses*

\* Students wanting both majors may replace the second- and third-year electives with BILD 261, 262, 361 and 362.

### Specialisation in Project Management

Second year	Third year
BILD 251	BILD 322
SARC 221	BILD 364
SARC 222	SARC 321
SARC 223	SARC 362
BILD 261	BILD 361
BILD 262	BILD 362
Two elective courses*	Two elective courses*

\* Students wanting both majors may replace the second- and third-year electives with BILD 231, 232, 321 and 331.



## DEGREE EXAMPLES

### BBSc majoring in Project Management

Year 1		Year 2		Year 3	
1/3	2/3	1/3	2/3	1/3	2/3
SARC 111 15 points	SARC 121 15 points	SARC 221 15 points	BILD 251 15 points	BILD 364 15 points	BILD 322 15 points
SARC 131 15 points	SARC 122 15 points	SARC 222 15 points	SARC 223 15 points	SARC 362 15 points	SARC 321 15 points
SARC 151 15 points	SARC 162 15 points	BILD 261 15 points	BILD 262 15 points	BILD 361 15 points	BILD 362 15 points
SARC 161 15 points	Elective 15 points	Elective 15 points	Elective 15 points	200- or 300-level elective 15 points	200- or 300-level elective 15 points
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

### BBSc majoring in Sustainable Engineering Systems

Year 1		Year 2		Year 3	
1/3	2/3	1/3	2/3	1/3	2/3
SARC 111 15 points	SARC 121 15 points	SARC 221 15 points	BILD 251 15 points	BILD 364 15 points	BILD 322 15 points
SARC 131 15 points	SARC 122 15 points	SARC 222 15 points	SARC 223 15 points	SARC 362 15 points	SARC 321 15 points
SARC 151 15 points	SARC 162 15 points	BILD 231 15 points	BILD 232 15 points	BILD 331 15 points	BILD 321 15 points
SARC 161 15 points	Elective 15 points	Elective 15 points	Elective 15 points	200- or 300-level elective 15 points	200- or 300-level elective 15 points
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

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

Year 1		Year 2		Year 3	
1/3	2/3	1/3	2/3	1/3	2/3
SARC 111 15 points	SARC 121 15 points	SARC 221 15 points	BILD 251 15 points	BILD 364 15 points	BILD 322 15 points
SARC 131 15 points	SARC 122 15 points	SARC 222 15 points	SARC 223 15 points	SARC 362 15 points	SARC 321 15 points
SARC 151 15 points	SARC 162 15 points	SARC 261 15 points	SARC 262 15 points	BILD 361 15 points	BILD 362 15 points
SARC 161 15 points	Elective 15 points	BILD 231 15 points	BILD 232 15 points	BILD 331 15 points	BILD 321 15 points
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

#### Key

Core	First Major	Second Major	Elective
------	-------------	--------------	----------



# ZOE SO'OTAGA

Student, Bachelor of Building Science  
in Project Management and Sustainable  
Engineering Systems

---

*“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.”*

## 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. 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.

## 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

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.


## 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.





# BACHELOR OF COMMERCE



**Commerce is one of the world's moving forces, shaping societies and connecting people around the globe.** Wherever people are at work, in public organisations or private businesses, they depend on business, financial and managerial expertise to keep their world in motion.

Victoria Business School holds the triple crown of international accreditations of EQUIS ([www.efmd.org](http://www.efmd.org)), AACSB (Business) ([www.aacsb.edu](http://www.aacsb.edu)) and AMBA ([www.mbaworld.com](http://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](http://www.victoria.ac.nz/bcom)

VICTORIA BUSINESS SCHOOL | Ground Floor, Rutherford House, Pipitea Campus, Wellington

 04-463 5376 |  [vbs@vuw.ac.nz](mailto:vbs@vuw.ac.nz) | [www.victoria.ac.nz/vbs](http://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 and software development.

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

## POSTGRADUATE OPPORTUNITIES

Victoria has a range of postgraduate options, including Honours, Master's and PhD programmes for BCom students wishing to continue their studies.

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

## RECOMMENDED SCHOOL SUBJECTS

Accounting, Business Studies, Calculus, Economics, Statistics and essay-based subjects such as English and History are recommended.

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 by Victoria 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 offered by Victoria for the BA, BAS, BCom, BDI, BSc and Bachelor of Tourism Management (BTM). 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](http://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.

## MAJORS

Major	Code
Accounting	ACCY
Actuarial Science	ACTS
Commercial Law	COML
Economics	ECON
Finance	FINA
Human Resource Management and Industrial Relations	HRIR
Information Systems	INFO
International Business	IBUS
Management	MGMT
Marketing	MARK
Public Policy	PUBL
Taxation	TAXN

## Other BCom subjects (not a major)

- Econometrics
- Tourism Management

## 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 right, must be completed (usually in the first year).

## THE BCOM CORE

Course code	Course title
ACCY 111* or ACCY 115 or ACCY 130	Accounting or Accounting for Decision Making
ECON 130	Microeconomic Principles
FCOM 111**	Government, Law and Business
INFO 101	Foundations of Information Systems
MARK 101	Principles of Marketing
MGMT 101	Introduction to Management
QUAN 102	Statistics for Business

\* 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 (eg. 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 Bachelor of Arts or Bachelor of Science, 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.

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

### Actuarial Science (ACTS)

- Complete six courses at 100 level: ACCY 111 or 115, ECON 130, ECON 141, MATH 142\*, MATH 177\*, (MATH 151 or at least a B+ in QUAN 111).

\* Additional prerequisites may be required.

- Complete four courses at 200 level: ACTS 201, ECON 201, FINA 201 or FINA 202, MATH 277.
- Complete four courses at 300 level: ACTS 301, either FINA 306 or FINA 307, STAT 335; and one further course from ECON 301, ECON 314, ECON 339, FINA 304, FINA 305, FINA 306, FINA 307, MATH 377, STAT 332, STAT 393.

### Commercial Law (COML)

If you are a first-year student, you should include FCOM 111.

- Complete three courses at 200 level: COML 203, COML 204, and one further course from COML 205, COML 206, TAXN 201.
- 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.

### Economics (ECON)

If you are a first-year student, you should include ECON 130, ECON 141, QUAN 102, QUAN 111.

- 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).
- 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.
- 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 102, QUAN 111.

- 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).
- 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.
- 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.

- Complete two courses at 200 level: HRIR 201, MGMT 202.
- Complete four courses at 300 level: HRIR 320 and three further courses from HRIR 300–399.
- 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.

- Complete three courses at 100 level: INFO 101, INFO 141, INFO 151.
- Complete three courses at 200 level from INFO 200–299.
- 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.

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 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.

- Complete three courses at 200 level: IBUS 201, IBUS 205, IBUS 212.
- Complete three courses at 300 level: IBUS 305, IBUS 312, and one further course from IBUS 300–399, MARK 302 (or from ACCY 309, COML 306, ECON 309, FINA 302, HRIR 303).
- 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.

- a. Complete three courses at 200 level: MGMT 202, MGMT 205, MGMT 206.
- 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, 210 and one further courses 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.





## DEGREE EXAMPLES

### BCom majoring in Human Resource Management and Industrial Relations and Commercial Law with a minor in Management

Year 1		Year 2		Year 3	
1/3	2/3	1/3	2/3	1/3	2/3
FCOM 111 15 points	QUAN 102 15 points	HRIR 201 15 points	HRIR 306 15 points	HRIR 302 15 points	HRIR 320 15 points
MGMT 101 15 points	ECON 130 15 points	COML 203 15 points	COML 204 15 points	HRIR 303 15 points	HRIR 307 15 points
ACCY 130 15 points	INFO 101 15 points	MGMT 202 15 points	COML 205 15 points	COML 310 15 points	COML 308 15 points
MARK 101 15 points	Elective 15 points	MGMT 206 15 points	MGMT 205 15 points	COML 302 15 points	MGMT 314 15 points
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

### BCom majoring in Economics and Finance

Year 1		Year 2		Year 3	
1/3	2/3	1/3	2/3	1/3	2/3
FCOM 111 15 points	QUAN 111 15 points	ECON 201 15 points	ECON 202 15 points	ECON 305 15 points	ECON 333 15 points
QUAN 102 15 points	ECON 141 15 points	FINA 201 15 points	FINA 202 15 points	ECON 314 15 points	FINA 303 15 points
ACCY 130 15 points	INFO 101 15 points	MARK 101 15 points	200-level elective 15 points	FINA 302 15 points	FINA 301 15 points
ECON 130 15 points	MGMT 101 15 points	Elective 15 points	Elective 15 points	200-level elective 15 points	Elective 15 points
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

#### Key

Core	First Major	Second Major	Minor	Elective
------	-------------	--------------	-------	----------

# ALANA HARRISON

Student, conjoint Bachelor of Laws and Bachelor of Commerce in Management and Human Resource Management and Industrial Relations

---

*“Every day, I pass by local businesses and business professionals, which serve as a constant reminder of what I am studying.”*

## Finding a balance

I know I made the right decision coming to Victoria, but I didn't always know I would end up studying here. What first attracted me was the reputation of the University and Wellington city. I had heard from graduates about how Victoria's environment cultivated a balance between study, social life and personal growth, so I decided to see for myself if it was true—and it is.



## Vibrant Wellington

Studying in Wellington is special—it's such a vibrant city, buzzing with opportunities to explore and get work experience alongside study. My favourite thing about Wellington is the proximity of everything to the city—nothing is more than a 10- to 15-minute walk away. Every day, I pass by local businesses and business professionals, which serve as a constant reminder of what I am studying.

## Learning curve

You never really know what to expect in your first year of university. Where do you stand academically? Who will your friends be? What is it like living away from home? Whilst the first year of university is a learning curve, you will grow as an individual and learn more about yourself than anything else.

## Being flexible


Don't be afraid to be flexible and make changes to your programme if a certain pathway interests you more. The benefit of taking each of the Commerce core courses in your first year is that not only do you gain a broad foundation in business, you get a taste of subjects you would not have considered studying otherwise. I picked up Human Resource Management and Industrial Relations as a second major just because it sounded interesting, and that decision has opened up a whole new range of career options for me.

## Valuable skills

The Bachelor of Commerce programme has far exceeded my expectations, exposing me to a wealth of knowledge. Through my studies, I'm developing the skills I need to be ready to tackle the corporate world head on.



# BACHELOR OF DESIGN INNOVATION



**At Victoria, Design is about innovation.** Think of a surfboard, an art exhibition, an avatar, a prosthetic leg—all imagined by designers who took their creativity and gave it a purpose.

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.

Victoria'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 five areas—Communication Design\*, Design for Social Innovation^, 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 Victoria's 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.

Image: *Burlapagon*, a costume situated around the illuminated headpiece that represents a deep sea diver who's been infected with a mystery disease from the depths, for MDDN 351 Wearable Technology, by William Barber, Rachel Mataira and James Struthers.

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

FACULTY OF ARCHITECTURE AND DESIGN | 139 Vivian Street, Wellington

 04-463 6200 |  [design@vuw.ac.nz](mailto:design@vuw.ac.nz) | [www.victoria.ac.nz/design](http://www.victoria.ac.nz/design)



## CAREER OPPORTUNITIES

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

**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.

**Industrial Design** has a well-established range of career opportunities. The programme at Victoria 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](http://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](http://www.victoria.ac.nz/design/postgraduate)

## RECOMMENDED SCHOOL SUBJECTS

These 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 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.

**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 Victoria.

**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.

Major	Code
Communication Design*	COMD
Design for Social Innovation^	CCDN
Industrial Design	INDN
Interaction Design*	IXXN
Media Design	MDDN

\* Subject to approval from the Committee on University Academic Programmes.

^ Design for Social Innovation is the new name for the Culture+Context Design major, subject to approval from the Committee on University Academic Programmes.

## 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.

## MAJOR REQUIREMENTS

To find out details of what a particular course is about and when it is taught, see the subjects and courses pages (from page 115).

**Note:** The BDI must include 240 Design points overall. Plan any non-Design electives or minors carefully to meet this requirement.

## Communication Design\*

First year	Second year	Third year
DSDN 101	COMD 201	COMD 301
DSDN 111 DSDN 151 DSDN 171	COMD 231	Complete two further courses from COMD 321, 331, 342, 351
WRIT 101 or WRIT 151**	COMD 241	Complete one further course from DSDN, INDN, IXXN, SIDN 300–399
Complete one further course from DSDN 100–199 (DSDN 144 recommended)	60 points from elective courses or courses for a minor	60 points from elective courses or courses for a minor, including at least 20 points at 300 level
40 points, including any prerequisites for 200-level courses in a minor subject		

\* Subject to approval from the Committee on University Academic Programmes.

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

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^

First year	Second year	Third year
DSDN 101	SIDN 271	SIDN 331
DSDN 111 DSDN 171	Complete two further courses from SIDN 200–299	SIDN 332
WRIT 101 or WRIT 151*	60 points from elective courses or courses for a minor	Complete one further course from SIDN 300–399
Complete one further course from DSDN 100–199 (DSDN 144 recommended)		60 points from elective courses or courses for a minor, including at least 20 points at 300 level
40 points, including any prerequisites for 200-level courses in a minor subject		

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

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:** SIDN 231, SIDN 233, SIDN 344

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

**Speculative Design:** SIDN 233, SIDN 242, SIDN 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. Your first year must include any 100-level courses required for this minor. Minors require course planning from your first year to ensure prerequisites are met for 200–300-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 their required first-year courses, go to [www.victoria.ac.nz/bdi](http://www.victoria.ac.nz/bdi)

^ Name subject to approval.

## Industrial Design

First year	Second year	Third year
DSDN 101	SIDN 271	SIDN 331 or INDN 332 or SIDN 344
DSDN 104	INDN 211	
DSDN 111	INDN 212	INDN 311
DSDN 141 DSDN 171	60 points from elective courses or courses for a minor	INDN 312
WRIT 101 or WRIT 151*		INDN 341 or INDN 321
30 points from 100-level elective courses, including any prerequisites 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 requirement with another 100-level course offered by Victoria.

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, SIDN 242 or SIDN 344

**Tangible Interactions Design:** DSDN 251, INDN 312, INDN 321.

If you are majoring in Industrial Design, you can include a minor within your programme of study. Minors require course planning from your first year to ensure the prerequisites are met for 200–300-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, within your required first-year courses, go to [www.victoria.ac.nz/bdi](http://www.victoria.ac.nz/bdi)

**Note:** The BDI must include 240 Design points overall. Plan any non-Design electives or minors carefully to meet this requirement.

## Interaction Design\*

First year	Second year	Third year
DSDN 101	INDN 252	IXXN 301
DSDN 104 DSDN 111 DSDN 171	IXXN 201	IXXN 321
DSDN 112	IXXN 221	Complete two further courses from INDN 321, IXXN 341, MDDN 343, MDDN 352
DSDN 142	Complete two further courses from SIDN 233, DSDN 251, MDDN 201, MDDN 243, MDDN 251	60 points from elective courses or courses for a minor, including at least 20 points at 300 level
WRIT 101 or WRIT 151**		
40 points, including any prerequisites for 200-level courses in a minor subject	60 points from elective courses or courses for a minor	

\* Subject to approval from the Committee on University Academic Programmes.

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

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, SIDN 233

**Web Design:** IXXN 221, IXXN 321, MDDN 201.

## Media Design

First year	Second year	Third year
DSDN 101	SIDN 271	Complete one course from INDN, DSDN or SIDN 300–399
DSDN 111	Complete three courses from MDDN 200–299 (60 points)	Complete three courses from MDDN 300–399 (60 points)
DSDN 112	40 points from elective courses or courses for a minor	40 points from elective courses or courses for a minor
DSDN 142		
DSDN 171		
WRIT 101 or WRIT 151*		
30 points from 100-level elective courses, including any prerequisites 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 requirement with another 100-level course offered by Victoria.

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

**Video Design:** DSDN 132, DSDN 144, MDDN 211, MDDN 311, MDDN 314, SIDN 244.

If you are majoring in Media Design, you can include a minor within your programme of study. Minors require course planning from your first year to ensure prerequisites are met for 200–300-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](http://www.victoria.ac.nz/bdi)



## DEGREE EXAMPLES

### BDI majoring in Design for Social Innovation<sup>^</sup>

Year 1		Year 2		Year 3	
1/3	2/3	1/3	2/3	1/3	2/3
DSDN 101 15 points	WRIT 101 20 points	SIDN 271 20 points	SIDN 200 level 20 points	SIDN 300 level 20 points	SIDN 331 20 points
DSDN 111 15 points	100-level minor 20 points	SIDN 200 level 20 points	200-level minor 20 points	300-level minor 20 points	SIDN 332 20 points
DSDN 171 15 points	100-level minor 20 points	200-level minor 20 points	Elective 20 points	Elective 20 points	Elective 20 points
DSDN 100 level 15 points					
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

### BDI majoring in Industrial Design

Year 1		Year 2		Year 3	
1/3	2/3	1/3	2/3	1/3	2/3
DSDN 101 15 points	WRIT 101 20 points	SIDN 271 20 points	INDN 212 20 points	INDN 311 20 points	INDN 312 20 points
DSDN 111 15 points	DSDN 104 15 points	INDN 211 20 points	Elective 20 points	300-level major 20 points	300-level major 20 points
DSDN 171 15 points	DSDN 141 15 points	Elective 20 points	200- or 300-level elective 20 points	200- or 300-level elective 20 points	200- or 300-level elective 20 points
Elective 15 points	Elective 15 points				
60 points	65 points	60 points	60 points	60 points	60 points
125 points		120 points		120 points	

Total points required: 360

Total points completed: 365

### BDI majoring in Media Design

Year 1		Year 2		Year 3	
1/3	2/3	1/3	2/3	1/3	2/3
DSDN 101 15 points	WRIT 101 20 points	SIDN 271 20 points	MDDN 200 level 20 points	MMDN 300 level 20 points	MMDN 300 level 20 points
DSDN 111 15 points	DSDN 112 15 points	MMDN 200-level 20 points	MMDN 200 level 20 points	MMDN 300 level 20 points	DSDN, INDN or SIDN 300 level 20 points
DSDN 171 15 points	DSDN 142 15 points	Elective 20 points	Elective 20 points	200- or 300-level elective 20 points	200- or 300-level elective 20 points
Elective 15 points	Elective 15 points				
60 points	65 points	60 points	60 points	60 points	60 points
125 points		120 points		120 points	

Total points required: 360

Total points completed: 365

<sup>^</sup> Name subject to approval.

#### Key

Core	Major	Minor	Elective
------	-------	-------	----------



# MADELEINE HAZELTON

Student, Bachelor of Design Innovation  
in Industrial Design

*“The Industrial Design programme at Victoria is amazing because it allows you to explore all areas of design before you decide on your specialisation.”*

## Creative technology

I'm attracted to technology and creative fields of study. Industrial design allows me to be creative in a purposeful way, and being able to design meaningful and useful products was something I wanted to do. Victoria has given me the flexibility to study both Design and Chinese—I wouldn't have been able to do that at any other university in New Zealand.

## Forward thinking

The Industrial Design programme at Victoria is amazing because it allows you to explore all areas of design before you decide on your specialisation. The programme is incredibly forward thinking and focused on the future. The technologies and software I have been able to explore throughout my degree have been great and not something I thought I would be interested in.

## 3D treatment

My favourite course so far has been Advanced Visualisation and 3D Modelling, where we had a class competition to design a gift for a real client using 3D printing. I worked really hard on the project, and my design ended up winning. I was really proud of the finished product that I created, which features three small bowls that stack into one another, and have the appearance of carved wood. My lecturers and tutors always push me to create work I am proud of and want to share with the world.

## Hands-on

My time at Victoria has definitely surpassed my expectations. The course work is very hands-on, which meant I was able to make a lot of close friends in my first year. I am learning technologies and programs I never thought I could personally use. I have really pushed myself in this degree to exploit the technologies and resources provided to me by the University.

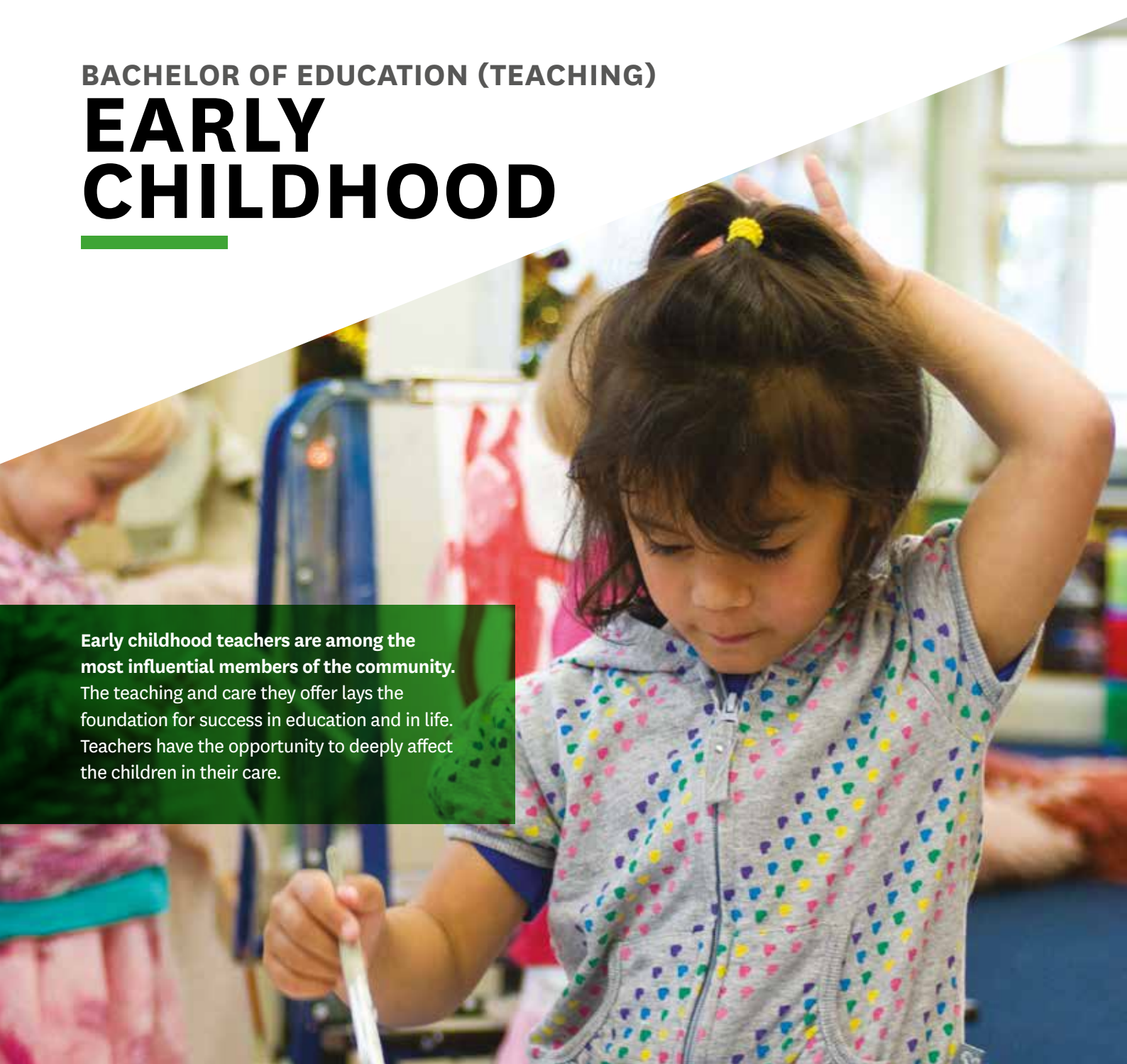
## Design inspiration

Wellington is the hub for design in New Zealand. Te Aro campus is located near Cuba Street, so as students we are constantly able to see inspiration everywhere we go. I have also been fortunate enough to work as a research assistant over the summer break at Victoria. It was a really interesting learning curve and allowed me to see first-hand how research and design works.



BACHELOR OF EDUCATION (TEACHING)

# EARLY CHILDHOOD



**Early childhood teachers are among the most influential members of the community.** The teaching and care they offer lays the foundation for success in education and in life. Teachers have the opportunity to deeply affect the children in their care.

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 students who wish 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.

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

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

 04-463 9500 |  [education@vuw.ac.nz](mailto:education@vuw.ac.nz) | [www.victoria.ac.nz/education](http://www.victoria.ac.nz/education)



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

These qualifications lead to a career in early childhood teaching.

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

## 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](http://www.victoria.ac.nz/education/postgraduate)

## RECOMMENDED SCHOOL SUBJECTS

These 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](http://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 suitable for the teaching profession. This involves meeting set criteria, having supportive referees, a satisfactory police check, making declarations about any health or disability issues and successfully taking part 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](http://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

Major	Code
Teaching Early Childhood	TCEC

## BEd(Tchg)EC qualification structure

Year 1	
Trimester One	Trimester Two
TCHG 111 15 points	TCHG 112 15 points
EDUC 115 15 points	TCHG 11 15 points
EDUC 116 15 points	TCHG 116* 15 points
Elective 15–20 points	TCHG 118 15 points

Year 2	
Trimester One	Trimester Two
TCHG 211 15 points	TCHG 213 15 points
TCHG 212 15 points	TCHG 214 15 points
TCHG 218 15 points	TCHG 216* 20 points
TCHG 117* 15 points	TCHG 217 15 points

Year 3	
Trimester One	Trimester Two
EDUC 215 15 points	TCHG 364 20 points
TCHG 361 15 points	TCHG 365* 20 points
TCHG 362 15 points	TCHG 368 15 points
TCHG 363 15 points	

\* Course contains teaching experience component.

# ASHLEA WHITTAKER

Student, Bachelor of Education  
(Teaching) Early Childhood

---

*"I couldn't wait to go on my school placement in first year—it was nerve-wracking and exciting because it was an opportunity to put the knowledge I'd learnt in lectures into practice."*

## Passion for education

I've always enjoyed being around young kids—it's a developmental stage where their imagination is endless and all they want is to learn about their surrounding environment and explore what the world has to offer. Every child has the right to explore who they are and what makes them unique—this is one of the many reasons why I want to become an early childhood teacher.



## Great support

Victoria's Early Childhood programme has absolutely lived up to my expectations. All the lecturers are extremely knowledgeable about early childhood. They're always there for you and want you to succeed. They aren't afraid to spark up a discussion in class to get you thinking outside the box and your comfort zone. They do their best to ensure you succeed by providing all the resources and help you need.

## Rewarding experiences

I couldn't wait to go on my school placement in first year—it was nerve-wracking and exciting because it was an opportunity to put the knowledge I'd learnt in lectures into practice. There are lots of readings and assignments, but that's just part of being a university student. All the late nights doing assignments are worth it in the end, and bring you closer to the goal of graduating and becoming an early childhood teacher.

## Taking initiative

Since coming to Victoria, I've realised how different university is from school. I've learnt the importance of being organised. Nothing is handed to you—you have to attend all your lectures and tutorials, and go out and find all the resources available to you and make the most of them.

## Finding a balance

University is also about exploring socially—it's all about finding a balance between your workload and your social life. Victoria has given me a lot of opportunities—mostly, it's given me the chance to make new friends for life, and to take control of my future. I'm in charge of who I want to be.










# BACHELOR OF ENGINEERING

## WITH HONOURS



**Are you someone who likes problem solving, being creative or making things?** Do you like to understand how things work and often think, “I could improve that”? Do you want to create technology that saves lives and makes the world a better place?

If so, our Engineering programme is for you—come to Victoria 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 software development, networking, electronics, computer systems, cyber security and renewable energy systems. 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 will graduate as a skilled professional and be able to choose from many interesting and well-paid careers.

Victoria 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 the Institution of Professional Engineers of New Zealand (IPENZ).

**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](mailto:engineering@vuw.ac.nz) | [www.victoria.ac.nz/engineering](http://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, cyber security, health care, mechatronics, mobile communications, multimedia programming, robotics, web innovation and a variety of software and hardware systems design roles.

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

## RECOMMENDED SCHOOL SUBJECTS

Subjects to study at school include Calculus, Digital Technologies, Physics, Science, Statistics and Technology.

## ADMISSION TO THE DEGREE

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

BE major	NCEA requirements
Electronic and Computer Systems Engineering	16 credits in NCEA Level 3 Mathematics including 3.6 Differentiation (AS91578) and 3.7 Integration (AS91579) 18 credits in NCEA Level 3 Physics including 3.4 Mechanical Systems (AS91524), 3.6 Electrical Systems (AS91526) and either 3.3 Wave Systems (AS91523) or 3.1 Practical Investigation (AS91521)
Network Engineering	16 credits in NCEA Level 3 Mathematics
Software Engineering	16 credits in NCEA Level 3 Mathematics

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 Science or Electronic and Computer 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 115). You may consider transferring into the BE(Hons) at a later stage, depending on your academic progress.

## 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)
- complete the requirements for at least one major subject (see page 82)
- 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 115).

## MAJORS

Major	Code
Electronic and Computer Systems Engineering	ECEN
Network Engineering	NWEN
Software Engineering	SWEN

**Electronic and Computer Systems Engineering** encompasses a range of disciplines from the fundamental electrical characteristics of materials to the abstraction of data in signal processing. It also includes robotics, renewable energy and embedded systems and focuses on the design and development of electronic-based systems to solve real-world problems.

**Network Engineering** gives you an understanding of the full range of modern communication technologies, network protocols, middleware and knowledge about the reliability and security techniques required for modern networks. Your NWEN degree will equip you with the expertise and experience needed to design, build, configure and test modern networks and networked services.

**Note:** Network Engineering may not be offered in 2018. In this case, the network courses will be available in the Software Engineering major.

**Software Engineering** enables you to design, implement and maintain complex computer systems. You will learn to build and programme software systems that are efficient, robust, reliable and secure, and usable. Graduates are leaders in the field of modern programming, which is essential to our modern lifestyles.

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 table on the next page). Although many courses are shared with other majors, some are different, so check carefully.

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.

## Electronic and Computer Systems Engineering

100 level, Part 1	200 level, Part 2	300 level, Part 2	400 level, Part 2
COMP 102 or COMP 112	ECEN 202	ECEN 301	At least three courses from ECEN 403–439, ENGR 440
COMP 103	ECEN 203	ECEN 320	One further course from COMP 421, ECEN 401–439, ENGR 440, ENGR 441, NWEN 402–404, SWEN 422
ENGR 101	ECEN 204	At least two courses from COMP 307, ECEN 302, ECEN 303, ECEN 310, ECEN 315, ECEN 330, NWEN 301, NWEN 302, NWEN 304, SWEN 303	ENGR 401
ENGR 110	ECEN 220	ENGR 301	ENGR 489
ENGR 121	MATH 244	ENGR 302	ENGR 491
ENGR 122	At least one course from COMP 261, NWEN 241–243, SWEN 221	ENGR 391	
ENGR 142	ENGR 291		
PHYS 114	ENGR 201		

Students interested in renewable energy systems could take RESE 111 in the first year in place of COMP 103.

## Network Engineering

100 level, Part 1	200 level, Part 2	300 level, Part 2	400 level, Part 2
COMP 102 or COMP 112	COMP 261	NWEN 301	At least three courses from NWEN 402–406, ENGR 440
COMP 103	NWEN 241	NWEN 302	One further course from COMP 401–499, ECEN 401–439, ENGR 440, ENGR 441, NWEN 401–499, SWEN 421–499
ENGR 101	NWEN 242	NWEN 304	ENGR 401
ENGR 110	NWEN 243	At least one course from NWEN 303, COMP 301–399, ECEN 301–399, SWEN 301–303	ENGR 489
ENGR 121	At least three courses from ECEN 202–204, ECEN 220, SWEN 221–224	ENGR 301	ENGR 491
ENGR 123	ENGR 201	ENGR 302	
PHYS 122 or equivalent	ENGR 291	ENGR 391	



## Software Engineering

100 level, Part 1	200 level, Part 2	300 level, Part 2	400 level, Part 2
COMP 102 or COMP 112	NWEN 241	SWEN 301	At least three courses from SWEN 401–439; ENGR 440
COMP 103	SWEN 221	SWEN 302	At least one further course from COMP 401–425, NWEN 401–440, SWEN 421–439, ENGR 440, ENGR 441
ENGR 101	SWEN 222	SWEN 303	ENGR 401
ENGR 110	SWEN 223	At least one course from COMP 304–361, NWEN 301–304, SWEN 304	ENGR 489
ENGR 121	SWEN 224	ENGR 301	ENGR 491
ENGR 123	At least one course from COMP 261, NWEN 242	ENGR 302	
PHYS 122 or equivalent	ENGR 201	ENGR 391	
	ENGR 291		

Some suggested additional courses for SWEN students are CGRA 151, CYBR 171\*, DSDN 104, DSDN 141, and DSDN 142.

\* Subject to approval.

## DEGREE EXAMPLES

BE(Hons) majoring in Electronic and Computer Systems Engineering (with a renewable energy focus)

Year 1		Year 2		Year 3		Year 4	
1/3	2/3	1/3	2/3	1/3	2/3	1/3	2/3
COMP 102 or 112 15 points	ENGR 110 15 points	MATH 244 15 points	ECEN 202 15 points	ECEN 301 15 points	300-level major 15 points	400-level major 15 points	400-level major 15 points
ENGR 101 15 points	ENGR 122 15 points	ECEN 203 15 points	ECEN 220 15 points	ECEN 320 15 points	300-level major 15 points	400-level major 15 points	400-level major 15 points
ENGR 121 15 points	ENGR 142 15 points	ECEN 204 15 points	ENGR 201 15 points	ENGR 301 15 points	ENGR 302 15 points	ENGR 401 15 points	ENGR 489 15 points
PHYS 114 15 points	RESE 111* 15 points	Elective 15 points	COMP 103 15 points	Elective 15 points	Elective 15 points	Elective 15 points	Elective 15 points
		ENGR 291 0 points		ENGR 391 0 points		ENGR 491 0 points	
60 points	60 points	60 points	60 points	60 points	60 points	60 points	60 points
120 points		120 points		120 points		120 points	

Total points required: 480  
Total points completed: 480

BE(Hons) degree examples

Key

Part 1	Part 2: Major	Part 2: Professional practice	Part 2: Work experience	Elective
--------	------------------	----------------------------------	----------------------------	----------

## BE(Hons) majoring in Network Engineering (with a cyber security focus)

Year 1		Year 2		Year 3		Year 4	
1/3	2/3	1/3	2/3	1/3	2/3	1/3	2/3
COMP 102 or 112 15 points	COMP 103 15 points	COMP 261 15 points	NWEN 242 15 points	NWEN 301 15 points	NWEN 302 15 points	400-level major 15 points	400-level major 15 points
ENGR 101 15 points	ENGR 110 15 points	NWEN 241 15 points	NWEN 243 15 points	NWEN 304 15 points	300-level major 15 points	400-level major 15 points	400-level major 15 points
ENGR 121 15 points	ENGR 123 15 points	200-level major 15 points	ENGR 201 15 points	ENGR 301 15 points	ENGR 302 15 points	ENGR 401 15 points	ENGR 489 15 points
CYBR 171* 15 points	Elective 15 points	PHYS 122 15 points	200-level major 15 points	Elective 15 points	Elective 15 points	Elective 15 points	Elective 15 points
		ENGR 291 0 points		ENGR 391 0 points		ENGR 491 0 points	
60 points	60 points	60 points	60 points	60 points	60 points	60 points	60 points
120 points		120 points		120 points		120 points	

Total points required: 480

Total points completed: 480

## BE(Hons) majoring in Software Engineering (with a cyber security focus)

Year 1		Year 2		Year 3		Year 4	
1/3	2/3	1/3	2/3	1/3	2/3	1/3	2/3
COMP 102 or 112 15 points	COMP 103 15 points	NWEN 241 15 points	SWEN 222 15 points	SWEN 301 15 points	SWEN 302 15 points	400-level major 15 points	400-level major 15 points
ENGR 101 15 points	ENGR 110 15 points	SWEN 221 15 points	SWEN 224 15 points	SWEN 303 15 points	300-level major 15 points	400-level major 15 points	400-level major 15 points
ENGR 121 15 points	ENGR 123 15 points	SWEN 223 15 points	COMP 261 or NWEN 242 15 points	ENGR 301 15 points	ENGR 302 15 points	ENGR 401 15 points	ENGR 489 15 points
CYBR 171* 15 points	Elective 15 points	PHYS 122 15 points	ENGR 201 15 points	Elective 15 points	Elective 15 points	Elective 15 points	Elective 15 points
		ENGR 291 0 points		ENGR 391 0 points		ENGR 491 0 points	
60 points	60 points	60 points	60 points	60 points	60 points	60 points	60 points
120 points		120 points		120 points		120 points	

Total points required: 480

Total points completed: 480

### Key

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

\* Subject to approval.



# PATRICK SAVILL

Student, Bachelor of Engineering with Honours in Electronic and Computer Systems Engineering

*“The course feels like what a professional engineering position might involve—the scenarios are real, the problems are not trivial, the time is tight and we have to apply all the skills we can.”*

## Choosing Wellington

Wellington is the ideal city for me—the vibrant arts scene, nearby trails and native bush, integrated student culture and quality halls of residence made it a simple choice. At secondary school, I did an equal mix of arts and sciences, and I enjoyed dancing and mountain biking. I didn’t want to give up any of these when moving on to university, so Wellington was a great choice.

## All about engineering

In my view, engineering fits into that small niche between science and design. Being able to see the problem, understand the science and implement a solution is incredibly appealing to me. Engineering is now so ingrained in me that I am continually trying to work out how things work—what makes a device tick, what are the flaws and can I fix them?

## Exploring my options

The first year of Engineering was very broad, but in second year you can focus more on software and computer science, networking and security, computer graphics or electronics and computer systems. The ability to spend a year at university while acquiring relevant knowledge before determining my future path was incredibly valuable to me.

## Favourite course

My favourite course has been Advanced Mechatronic Engineering 1: Hardware and Control. It’s the hardest course I’ve taken, but is the most rewarding and applicable. We designed a robot to assist in the search and rescue of miners in a collapsed mine. The course feels like what a professional engineering position might involve—the scenarios are real, the problems are not trivial, the time is tight and we have to apply all the skills we can.

## Real-world experience

Through Victoria’s collaboration with the Summer of Tech programme I was an intern for 8i, a virtual reality start-up company based in Wellington, for two summers before becoming a part-time employee. This is my first engineering role, and I would not have been able to do it without the skills Victoria has taught me. The breadth of knowledge and passion I have acquired has helped solidify my view of who I am.



# 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, Victoria is a great place to study health and wellbeing so you can make a real difference to health in New Zealand and internationally.

At Victoria, 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 offered by other faculties at Victoria, such as Education, Psychology or Public Policy. Over the course 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 is a range of 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.

\* The Bachelor of Health programme is subject to approval from the Committee on University Academic Programmes.

## SCHOLARSHIPS

The Faculty of Health is offering Bachelor of Health Inaugural Scholarships that will be awarded at a value of up to \$5,000 with a minimum scholarship of \$1,000. Applications for these Scholarships close on 15 September 2017 and, provided approval is obtained\*, will be awarded competitively 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](http://www.victoria.ac.nz/scholarships)

\* The Bachelor of Health programme is subject to approval from the Committee on University Academic Programmes.

## CAREER OPPORTUNITIES

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.

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

## POSTGRADUATE OPPORTUNITIES

The School of Health is developing a range of new postgraduate health qualifications that will be available from 2019 onwards, 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.

## RECOMMENDED SCHOOL SUBJECTS

Biology, Calculus, Digital Technologies, English, Health Education, Physical Education, Physics, Science, Social Studies, Statistics.

## 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 the data contains. Health informatics can be applied to a range of areas, including electronic health records, telemedicine, healthcare standards and health ethics. All of this leads to a more affordable, flexible health system and better health outcomes for people.

**Health Promotion:** This major will introduce you to the range of 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 HLWB 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.

Major	Code
Health Informatics	HINF
Health Promotion	HPRO
Health Psychology	HPSY
Health Software Development	HSWD
Population Health, Policy and Service Delivery	PHSD

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

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

☎ 04-463 4750 | ✉ [health@vuw.ac.nz](mailto:health@vuw.ac.nz) | [www.victoria.ac.nz/health](http://www.victoria.ac.nz/health)

## 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.

## Other important information

You may include a second major from within the BHLth programme or another Victoria 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 offered by the University 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.

## The BHLth core

Course code	Course title
HLWB 101	Introduction to Health and Wellbeing 1
HLWB 102	Introduction to Health and Wellbeing 2
HLWB 103	Introduction to Human Biology
HLWB 104	Introduction to Health Policy and Services
STAT 193 or QUAN 102	Statistics for the Natural and Social Sciences or Statistics for Business
HLWB 201	Advanced Health and Wellbeing 1
HLWB 202	Advanced Health and Wellbeing 2
HLWB 203^	Health Evaluation and Epidemiology
HLWB 301 or HLWB 302	Research and Enquiry in Health or Health Internship

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



## MAJOR REQUIREMENTS

### Health Informatics

First year	Second year	Third year
HLWB 101	HLWB 201	HLWB 301 or 302
HLWB 102	HLWB 202	INFO 354
HLWB 103	HLWB 203	INFO 360
HLWB 104	INFO 231	Two further courses from 300-level INFO or other approved courses
STAT 193 or QUAN 102	INFO 264	
INFO 101	One further course from 200-level INFO or other approved courses	
INFO 151		

### Health Promotion

First year	Second year	Third year
HLWB 101	HLWB 201	HLWB 301 or 302
HLWB 102	HLWB 202	HLWB 303
HLWB 103	HLWB 203	HLWB 306
HLWB 104	HLWB 206	HLWB 310
HLWB 105	SOSC 220	HLWB 311
STAT 193 or QUAN 102		
EDUC 141		

### Health Psychology

First year	Second year	Third year
HLWB 101	HLWB 201	HLWB 301 or 302
HLWB 102	HLWB 202	HLWB 305
HLWB 103	HLWB 205	PSYC 325
HLWB 104	PSYC 221	PSYC 332
HLWB 105	PSYC 232	PSYC 333
STAT 193 or QUAN 102	PSYC 233	
PSYC 121		
PSYC 122		

### Health Software Development

First year	Second year	Third year
HLWB 101	HLWB 201	HLWB 301 or 302
HLWB 102	HLWB 202	SWEN 325
HLWB 103	HLWB 203	SWEN 326
HLWB 104	NWEN 241	SWEN 303 or 304
STAT 193 or QUAN 102	NWEN 243	One further approved course from 300-level COMP, NWEN or SWEN
COMP 102 or 112	SWEN 221	
COMP 103	SWEN 222	

### Population Health, Policy and Service Delivery

First year	Second year	Third year
HLWB 101	HLWB 201	HLWB 301 or 302
HLWB 102	HLWB 202	HLWB 303
HLWB 103	HLWB 203	HLWB 304
HLWB 104	HLWB 204	HLWB 309
STAT 193 or QUAN 102	PUBL 201	HLWB 312
FCOM 111		
PUBL 113		

## DEGREE EXAMPLES

### BHLth majoring in Population Health, Policy and Service Delivery (PHSD)

Year 1		Year 2		Year 3	
1/3	2/3	1/3	2/3	1/3	2/3
HLWB 101 15 points	HLWB 102 15 points	HLWB 201 15 points	HLWB 202 15 points	HLWB 301 or HLWB 302 (full year) 30 points	
HLWB 103 15 points	HLWB 104 15 points	HLWB 203 15 points	HLWB 204 15 points	HLWB 303 15 points	HLWB 309 15 points
STAT 193 15 points	FCOM 111 15 points	PUBL 201 20 points	200-level elective 15 points	HLWB 304 15 points	HLWB 312 15 points
PUBL 113 20 points	Elective 15 points	200-level elective 15 points	Elective 15 points	200-level elective 15 points	Elective 15 points
65 points	60 points	65 points	60 points	60 points	60 points
120 points required		120 points required		120 points required	

Total points required: 360

Total points completed: 370

### BHLth majoring in Health Promotion (HPRO)

Year 1		Year 2		Year 3	
1/3	2/3	1/3	2/3	1/3	2/3
HLWB 101 15 points	HLWB 102 15 points	HLWB 201 15 points	HLWB 202 15 points	HLWB 301 or HLWB 302 (full year) 30 points	
HLWB 103 15 points	HLWB 104 15 points	HLWB 203 15 points	HLWB 206 15 points	HLWB 306 15 points	HLWB 311 15 points
STAT 193 15 points	HLWB 105 15 points	SOSC 220 20 points	200-level elective 15 points	HLWB 310 15 points	200-level elective 15 points
EDUC 141 20 points	Elective 15 points	200-level elective 15 points	Elective 15 points	Elective 15 points	Elective 15 points
65 points	60 points	65 points	60 points	60 points	60 points
120 points required		120 points required		120 points required	

Total points required: 360

Total points completed: 370

### BHLth majoring in Health Informatics (HINF)

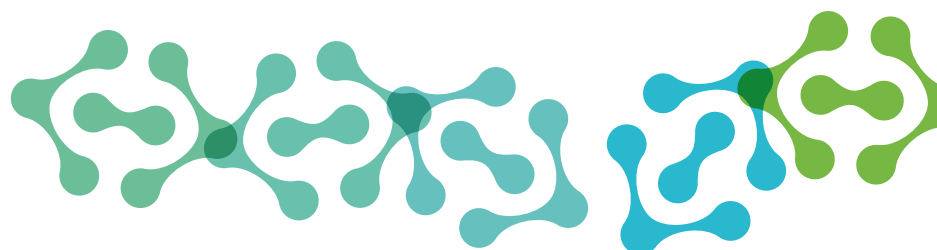
Year 1		Year 2		Year 3	
1/3	2/3	1/3	2/3	1/3	2/3
HLWB 101 15 points	HLWB 102 15 points	HLWB 201 15 points	HLWB 202 15 points	HLWB 301 or HLWB 302 (full year) 30 points	
HLWB 103 15 points	HLWB 104 15 points	HLWB 203 15 points	INFO 264 15 points	INFO 360 15 points	INFO 354 15 points
STAT 193 15 points	INFO 151 15 points	INFO 231 15 points	200-level INFO 15 points	300-level INFO 15 points	300-level INFO 15 points
INFO 101 15 points	Elective 15 points	200-level elective 15 points	Elective 15 points	Elective 15 points	Elective 15 points
60 points	60 points	60 points	60 points	60 points	60 points
120 points required		120 points required		120 points required	

Total points required: 360

Total points completed: 360

#### Key

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



## BHlth majoring in Health Software Development (HSD)

Year 1		Year 2		Year 3	
1/3	2/3	1/3	2/3	1/3	
HLWB 101 15 points	HLWB 102 15 points	HLWB 201 15 points	HLWB 202 15 points	HLWB 301 or HLWB 302 (full year) 30 points	
HLWB 103 15 points	HLWB 104 15 points	HLWB 203 15 points	NWEN 243 15 points	SWEN 325 15 points	SWEN 326 15 points
STAT 193 15 points	COMP 103 15 points	SWEN 221 15 points	SWEN 222 15 points	SWEN 303 or SWEN 304 15 points	300-level NWEN or SWEN or COMP 15 points
COMP 102 or COMP 112 15 points	MATH 161 or elective 15 points	NWEN 241 15 points	Elective 15 points	Elective 15 points	Elective 15 points
60 points	60 points	60 points	60 points	60 points	60 points
120 points required		120 points required		120 points required	

Total points required: 360

Total points completed: 360

## BHlth majoring in Health Psychology (HPSY)

Year 1		Year 2		Year 3	
1/3	2/3	1/3	2/3	1/3	
HLWB 101 15 points	HLWB 102 15 points	HLWB 201 15 points	HLWB 202 15 points	HLWB 301 or HLWB 302 (full year) 30 points	
HLWB 103 15 points	HLWB 104 15 points	PSYC 232 15 points	HLWB 205 15 points	PSYC 332 15 points	HLWB 305 15 points
STAT 193 15 points	HLWB 105 15 points	PSYC 221 15 points	PSYC 233 15 points	PSYC 333 15 points	PSYC 325 15 points
PSYC 121 15 points	PSYC 122 15 points	200-level elective 15 points	Elective 15 points	Elective 15 points	Elective 15 points
60 points	60 points	60 points	60 points	60 points	60 points
120 points required		120 points required		120 points required	

Total points required: 360

Total points completed: 360

### Key

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



# BACHELOR OF LAWS

**Law is about relationships and our connections to each other.** Our society, culture and economy, our family ties and our international allegiances all exist within a legal framework.



The Bachelor of Laws (LLB) is a four-year undergraduate degree. Most students combine the LLB with another degree, which takes 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.

Victoria's Law School 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.

Victoria's Law students are active debaters and do well in international mooting and debating competitions. Law at Victoria is taught 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 50 universities for law (QS World University Rankings by subject, 2017), Victoria'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 Law Faculty can advise you about this requirement.

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

FIND OUT MORE ABOUT THIS DEGREE ▶ [www.victoria.ac.nz/llb](http://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](mailto:law-enquiries@vuw.ac.nz) | [www.victoria.ac.nz/law](http://www.victoria.ac.nz/law)

## RECOMMENDED SCHOOL SUBJECTS

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

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](http://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 are 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](http://www.victoria.ac.nz/law-prospectus)

## 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 Victoria
- 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.

## Other important information

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

## 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.

Two lecture streams of LAWS 121, 122 and 123 are held at the Kelburn campus, and another stream in each course is held at the Pipitea campus. Check your timetable carefully before selecting a stream. If a lecture stream is full, you will be assigned to another stream, so get your application in early to avoid disappointment. If all streams are full, you may be waitlisted.

Most first-year Law students begin another degree in their first year alongside their LLB. This means their non-Law points (see below) 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 115).

## DEGREE EXAMPLES

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

Year 1		Year 2		Year 3		Year 4			Year 5	
1/3	2/3	1/3	2/3	1/3	2/3	1/3	2/3	3/3	1/3	2/3
LAWS 121 20 points	LAWS 122 15 points	LAWS 211 30 points		LAWS 213 30 points		LAWS 301 30 points		LAWS 300 level 15 points	LAWS 312 15 points	LAWS 300 level 15 points
ENGL 100 20 points	LAWS 123 15 points	LAWS 212 30 points		LAWS 214 30 points		LAWS 312 15 points	LAWS 300 level 15 points	LAWS 300 level 15 points	LAWS 300 level 15 points	LAWS 300 level 15 points
INTP 113 20 points	ENGL 100 20 points	LAWS 297 10 points		ENGL 200 level 20 points	ENGL 200 level 20 points	LAWS 300 level 15 points	LAWS 300 level 15 points		ENGL 300 level 20 points	LAWS 300 level 15 points
	POLS 100 level 20 points	ENGL 200 level 20 points	INTP 200 level 20 points	INTP 200 level 20 points	INTP 300 level 20 points	ENGL 300-329 20 points	ENGL 300 level 20 points		BA course any level 20 points	LAWS 300 level 15 points
60 points	70 points	55 points	55 points	70 points	70 points	65 points	65 points	30 points	70 points	60 points
130 points		110 points		140		160 points			130 points	

Total points required: 660

Total points completed: 670

### Key

LLB course	Major	Minor	Elective
------------	-------	-------	----------

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

Year 1		Year 2		Year 3		Year 4		Year 5	
1/3	2/3	1/3	2/3	1/3	2/3	1/3	2/3	1/3	2/3
LAWS 121 20 points	LAWS 122 15 points	LAWS 211 30 points		LAWS 213 30 points		LAWS 301 30 points		LAWS 300 level 15 points	LAWS 300 level 15 points
ECON 130 15 points	LAWS 123 15 points	LAWS 212 30 points		LAWS 214 30 points		LAWS 312 15 points	LAWS 300 level 15 points	LAWS 300 level 15 points	LAWS 300 level 15 points
FCOM 111 15 points	ECON 141 15 points	LAWS 297 10 points		ECON 300 level 15 points	ECON 300 level 15 points	LAWS 300 level 15 points	LAWS 300 level 15 points	LAWS 300 level 15 points	LAWS 300 level 15 points
QUAN 102 15 points	QUAN 111 15 points	ECON 201 15 points	ECON 202 15 points	FINA 201 15 points	FINA 200 level 15 points	LAWS 300 level 15 points	LAWS 300 level 15 points	ECON 300 level 15 points	FINA 300 level 15 points
		MGMT 101 15 points	ACCY 130 15 points	MARK 101 15 points		FINA 300 level 15 points	INFO 101 15 points		
65 points	60 points	65 points	65 points	75 points	60 points	75 points	75 points	60 points	60 points
125 points		130 points		135 points		150 points		120 points	

Total points required: 660  
Total points completed: 660

### Key

LLB course	Major	Minor	Commerce core	Elective
------------	-------	-------	---------------	----------

### LLB only

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

Year 1		Year 2		Year 3		Year 4	
1/3	2/3	1/3	2/3	1/3	2/3	1/3	2/3
LAWS 121 20 points	LAWS 122 15 points	LAWS 297 10 points		LAWS 213 30 points		LAWS 300 level 15 points	LAWS 300 level 15 points
Elective	LAWS 123 15 points	LAWS 211 30 points		LAWS 301 30 points		LAWS 300 level 15 points	LAWS 300 level 15 points
Elective	Elective	LAWS 212 30 points		LAWS 312 15 points	LAWS 300 level 15 points	LAWS 300 level 15 points	LAWS 300 level 15 points
	Elective	LAWS 214 30 points		LAWS 300 level 15 points	LAWS 300 level 15 points	LAWS 300 level 15 points	LAWS 300 level 15 points
			Elective				
130 points		120 points		120 points		120 points	

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
------------	----------





# RUITENG LIU

Student, Bachelor of Laws and Bachelor  
of Commerce in Economics

---

*“Studying at Victoria and moving to Wellington has really changed the way I see the world. The richness of ideas and perspectives on life have also really changed the way I see myself and other people.”*

## Why Victoria

I chose to study at Victoria because the Law School is at the heart of law making in New Zealand. Not only can I drop into the Supreme Court to hear cases in between lectures, I can also watch the law being made right across the road in Parliament. These incredible strengths are what made Victoria my university of choice.

## Challenges and rewards

Law is a hard degree but one with many rewards. Nobody makes it through alone and I never realised the amount of help I would get from my peers, tutors and lecturers. This is what makes a law degree at Victoria different—the staff teaching us really get down to your level. You get a real sense of satisfaction and achievement with every essay, opinion and exam completed, knowing that there is always someone there to help you should you ask for it. That was something I never expected before beginning my degree.

## Favourite course

The Legal Research, Writing and Mooting course has been my favourite so far. I’ve learnt not only where to find the law, but also how to argue my points in the simplest and most persuasive way possible. My favourite part of that course was the moot court, where we got to dress formally and actually talk like real lawyers, like something out of the TV shows *Suits* or *Boston Legal*.

## Get involved

Make the most of first year—get involved in volunteering, clubs and competitions. Not only will these opportunities boost your future employability, they really allow you to meet like-minded people whom you may one day work with. For me, the Asian Law Students’ Association at Victoria really feels like a home away from home. I’ve met like-minded students from a similar cultural background, and it really makes the Law School an enjoyable place for me.

## New perspectives

Studying at Victoria and moving to Wellington has really changed the way I see the world. The richness of ideas and perspectives on life have also really changed the way I see myself and other people. In the future, I plan on working at a commercial law firm, helping New Zealand businesses thrive on the global stage.



# BACHELOR OF MUSIC



**Music has the power to create emotions and to connect us to our past, to other cultures and to each other. At the New Zealand School of Music (NZSM), you'll build on your knowledge of music and be extended and inspired.**

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.



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 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 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](http://www.victoria.ac.nz/bmus)

NEW ZEALAND SCHOOL OF MUSIC | Gate 7, Kelburn Parade, Wellington

 04-463 5369 |  [music@vuw.ac.nz](mailto:music@vuw.ac.nz) | [www.victoria.ac.nz/nzsm](http://www.victoria.ac.nz/nzsm)

## POTENTIAL CAREERS

A BMus can lead to many careers, including as a composer, professional musician or teacher of music, music therapist, film scorer or sound engineer. You can work in a diverse range of fields—in the music, film or theatre industries, or in social research, communications, arts and culture administration, events management, finance and law.

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

## POSTGRADUATE OPPORTUNITIES

Graduates of the BMus degree can go on to postgraduate study in Honours, Master's, diploma and doctoral programmes. You may also apply for the Master of Music Therapy, a two-year full-time programme that trains graduates to become professional music therapists.

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

## RECOMMENDED SCHOOL SUBJECTS

Some courses require prior knowledge of music theory. Pathways that do not require prior knowledge or learning in music theory are also available.

## PROGRAMME INFORMATION

- For most BMus programmes, a good background in music theory is recommended. However, you can take MUSC 160 Introduction to Music Theory and Musicianship without that background.
- For the Music Studies major, you do not need to have studied music before.
- Places in Classical Performance and Jazz Performance programmes are by audition. As a guideline, you should have reached the equivalent of Grade 8 in Associated Board of the Royal Schools of Music examinations by the time of the audition. Jazz students should show technical and musical competence in a jazz style on their instrument or voice.
- Audition applications for Classical and Jazz Performance are due mid-July each year, with opportunities for late applications advertised on the website.

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

## MAJORS

**Classical Performance:** Students can receive tuition in all the standard orchestral instruments, as well as baroque cello and flute, fortepiano, guitar, harpsichord, organ, piano, recorder, saxophone, voice and violin.

**Composition (Instrumental/Vocal or Sonic Arts):** Students develop their creative abilities in a range of courses focused around Instrumental/Vocal Composition, music composed for

performers through a fully notated score and Sonic Arts, the exploration of sound and music through music technology. Courses in jazz composition are also offered.

**Jazz:** Students can receive instruction in all standard jazz instruments or in voice.

**Music Studies (Ethnomusicology, Musicology, Jazz Studies or without specialisation):** As a student in Music Studies, you will receive broadly based music training, including creative, critical, cultural, historical and performance courses in a range of musical styles and genres.

Major*	Code*
Classical Performance	PERF
Composition (Instrumental and Vocal)	CMPO (INVO)
Composition (Sonic Arts)	CMPO (SONA)
Jazz	JAZZ
Music Studies (Ethnomusicology)	MUST (ETHM)
Music Studies (Jazz Studies)	MUST (JZST)
Music Studies (Musicology)	MUST (MUMU)
Music Studies (without specialisation)	MUST

\* When you enrol, you will need to add the code shown in brackets to indicate which specialisation you are choosing within the major.

Study for the BMus in Classical Performance, Composition (Instrumental/Vocal or Sonic Arts) and Jazz is intensive and you will study primarily Music courses.

If you want a more broadly based degree, the Bachelor of Arts (BA) in Music is more suitable (see page 52 for BA in Music requirements). If you enjoy being extended, it is possible to take a conjoint degree combining a BMus and a BA.

## 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
- of the 180 points, 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).

Students must complete sufficient elective courses to meet the minimum requirement of 360 points for the BMus.

## MAJOR REQUIREMENTS<sup>^</sup>

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, look in the subjects and courses pages (from page 115).

<sup>^</sup> Major requirements are under review.

### Classical Performance

- 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, including 300-level courses in CMPO, MUSC and PERF worth at least 75 points:
  - PERF 330
  - either PERF 332 and 333, or PERF 333 and 334, or PERF 335 and 336
  - at least one course from MUSC 230–249, 267, 330–345, 365–369.

## Composition

If you are majoring in Composition, select one of the two specialisations below.

### Instrumental/Vocal

- 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 202, MUSC 266
  - one course from CMPO 230–239, 280–289, MUSC 260–269
  - one further course from MUSC 220–259.
- c. Complete four courses at 300 level:
  - CMPO 301
  - one course from CMPO 302–309
  - one course from CMPO 330–339, CMPO 380–389, MUSC 360–369
  - one course from MUSC 320–359.
- d. Complete one course in PERF at any level.

### Sonic Arts

- a. Complete five courses at 100 (and 200) level:
  - CMPO 101, 30 points from CMPO 180–189, MUSC 105 and one course from MUSC 164–169.
- b. Complete five courses at 200 level:
  - CMPO 210 and one course from CMPO 280–289
  - one course from CMPO 230–239, CMPO 280–289, MUSC 260–269
  - two courses from MUSC 220–259.
- c. Complete four courses at 300 level:
  - CMPO 310 and one course from CMPO 305–315, 380–389
  - one course from CMPO 330–339, CMPO 380–389, MUSC 360–369
  - one course from MUSC 320–359.
- d. Complete one course in PERF at any level.

## Jazz

- a. Complete six courses at 100 level: MUSC 105, MUSC 125, MUSC 164, PERF 120, PERF 121, PERF 122.
- b. Complete four (or five) courses at 200 level:
  - MUSC 264 and CMPO 235
  - either PERF 220, PERF 221, PERF 222 or CMPO 220 and CMPO 221.
- c. Complete courses worth 75 points from CMPO, MUSC or PERF 300–399, including:

- either PERF 320 and PERF 322 or CMPO 320 and CMPO 321
- one course from MUSC 326, MUSC 327, CMPO 335.

## Music Studies

### Without specialisation

- a. Complete four courses at 100 level:
  - MUSC 105
  - either MUSC 164 or MUSC 166
  - 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 at least two courses from MUSC 220–259.
- c. Complete courses worth 75 points from CMPO, MUSC or PERF 300–399, including at least one course from MUSC 320–359.
- d. Complete one further course in CMPO or PERF at any level.

### Musicology

- a. Complete four courses at 100 level: MUSC 105, MUSC 166, MUSC 167 and 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
  - at least one course from MUSC 330–339
  - at least one course from MUSC 330–349.
- d. Complete one further course in CMPO or PERF at any level.

### Ethnomusicology

- a. Complete four courses at 100 level: MUSC 105, MUSC 150, PERF 151; and either MUSC 164 or MUSC 166.
- b. Complete courses at 200 level:
  - 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 in CMPO, MUSC or PERF 300–399, including:
  - at least three courses from MUSC 320–369, including two courses from MUSC 349–359.

### Jazz Studies

- a. Complete five courses at 100 level:
  - MUSC 105, MUSC 125 and MUSC 164
  - one course from PERF 120–129
  - one course from MUSC 130–159.
- b. Complete courses worth 80 points in CMPO, MUSC or PERF 200–299, including:
  - MUSC 264
  - CMPO 235
  - one course from MUSC 225–229.
- c. Complete courses worth 75 points in CMPO, MUSC or PERF 300–399, including:
  - at least one course from MUSC 325–329
  - one course from MUSC 320–324 or 330–359.



# ALEXANDER BOULTON

Student, Bachelor of Music in Jazz

*“The tutors and the wider community of musicians are so welcoming to people who support their music, so by my second year at the New Zealand School of Music I had no shortage of performance opportunities.”*

## Passion for jazz

The prospect of consistently being around other musicians who were as excited as I was about playing and listening to jazz was the main reason I wanted to be part of the Music programme at Victoria. It was clear that Wellington would be a great city to begin a career as a jazz musician, due to its size and the proximity of local music venues.

## Trial and error

The Jazz programme was extremely overwhelming to begin with, but all the staff and more advanced students were empathetic and always willing to help. A big part of my degree has been trial and error, and finding out how I can achieve the best results through practise. That has meant finding out what works best for me personally, and using that to my advantage.

## New friends

I've made a lot of really great friends in a short amount of time. There is always somebody around who is keen to jam, and there's never any shortage of people around to go to gigs with. I didn't expect to be integrated into the Wellington jazz scene so quickly after starting my degree.

## Performance opportunities


The tutors and the wider community of musicians are so welcoming to people who support their music, so by my second year at the New Zealand School of Music I had no shortage of performance opportunities. These helped me further myself as a performing musician and get used to performing in different environments with different types of people.

## Future plans

My plans for the future are to continue my career as a performing musician and travel with my music to meet and play with other musicians. My degree from Victoria will allow me to explore what the rest of the world has to offer.



# BACHELOR OF SCIENCE



**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) at Victoria 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 offers, so you can combine your interests and your career aspirations.

At Victoria, you won't just learn about scientific theories, you'll also learn how to undertake research. Your BSc from Victoria 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 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 2015 QS World Ranking placed Development Studies, Geography and Psychology in the top 100, and Earth and Marine Sciences were in the top 150 in the world.

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](http://www.victoria.ac.nz/bsc)

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

 04-463 5101 |  [science-faculty@vuw.ac.nz](mailto:science-faculty@vuw.ac.nz) | [www.victoria.ac.nz/science](http://www.victoria.ac.nz/science)



## POTENTIAL CAREERS

A BSc at Victoria provides the ideal foundation for a career in any scientific area. Employers recognise that Victoria 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 an astronomer, a geologist, hydrologist, marine scientist, meteorologist, physicist, policy analyst or teacher—the possibilities are endless and, in our changing world, your future career may not exist yet.

▶ [www.victoria.ac.nz/careers](http://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](http://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 115).

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

Major	Code
Actuarial Science	ACTS
Applied Physics	APHS
Biology	BIOL
Biotechnology	BTEC
Cell and Molecular Bioscience	CBIO
Chemistry	CHEM
Computer Graphics	CGRA
Computer Science	COMP
Development Studies	DEVE
Ecology and Biodiversity	EBIO
Electronic and Computer Systems	ELCO
Environmental Science	ENSC
Environmental Studies	ENVI
Geography	GEOG
Geology	ESCI
Geophysics	GPHS
Marine Biology	BMAR
Mathematics	MATH
Physical Geography	PHYG
Physics	PHYS
Psychology	PSYC
Statistics	STAT

## OTHER SUBJECTS

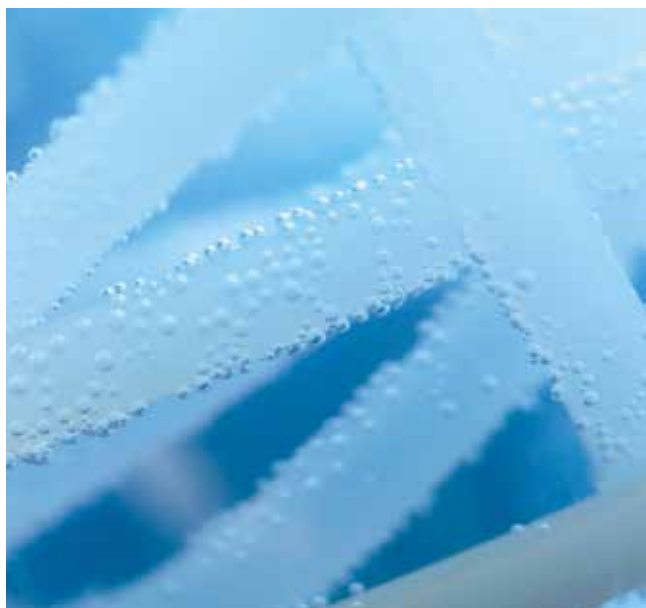
- Science in Context (SCIE) is a minor offered to students in a range of disciplines and is designed to develop your scientific literacy and communication of scientific ideas.
- Forensic Science is available if you are majoring in Biomedical Science, Cell and Molecular Bioscience or Chemistry during 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 for the BSc
- at least 210 points from 200- and 300-level courses
- of the 210 points, at least 150 points from courses listed for the BSc
- at least 75 points from 300-level courses listed for the BSc
- 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 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 page 101) 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 offered by Victoria for the Bachelor of Arts, Bachelor of Architectural Studies, Bachelor of Commerce, Bachelor of Design Innovation, Bachelor of Science and Bachelor of Tourism Management.

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

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

## MAJOR REQUIREMENTS

You must complete major requirements in at least one major subject as listed on page 101. The requirements listed below 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 115).

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, look in the subjects and courses pages (from page 115).

### Actuarial Science (ACTS)

- a. Complete six courses at 100 level: ACCY 111 or 115, ECON 130, ECON 141, MATH 142, MATH 151, 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
  - FINA 306 or FINA 307
  - STAT 335
  - one further course from ECON 301, ECON 314, ECON 339, FINA 304, FINA 305, FINA 306, FINA 307, MATH 377, STAT 332, STAT 393.

### 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 202–204, 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, ENVI 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
  - either 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, NWEN 241
  - one course from ENGR 122, MATH 141, MATH 142, MATH 251.
- c. Complete three courses at 300 level:
  - CGRA 350, CGRA 351
  - one course from COMP 307, COMP 313, COMP 361, MDDN 311, MDDN 342, MDDN 343.
- d. Complete one further course from COMP, MDDN, MATH, NWEN, SWEN 300–399.

## Computer Science (COMP)

- a. Complete the following courses at 100 level:
  - COMP 102 or 112
  - COMP 103
  - either ENGR 121 and 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, NWEN or SWEN 200–299.
- c. Complete four approved courses from COMP, NWEN or SWEN 300–399, CGRA 350.
- d. Complete one further course from ENGR 121, ENGR 122, MATH 141–399, OPRE 200–399, STAT 100–399.

## 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 133. GEOG 324 and GEOG 325 are strongly recommended for anyone interested in development 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](http://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 five courses at 100 level:
  - either COMP 102 or COMP 112
  - either MATH 142 and 151 or ENGR 121 and ENGR 122
  - PHYS 114
  - either ENGR 142 or PHYS 115

- b. Complete two courses at 200 level: one course from ECEN 201, ECEN 202, ECEN 203, ECEN 220 and one further course from COMP, ECEN, NWEN, SWEN, MATH 200–299.
- 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 ENVI 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:
  - ENVI 214
  - one theory- or policy-based course
  - one practice or applied course.
- c. Complete three courses at 300 level:
  - ENVI 314
  - one theory- or policy-based course
  - one practice or applied course.

A list of approved courses is at [www.victoria.ac.nz/sgees](http://www.victoria.ac.nz/sgees)

## Geography (GEOG)

- a. Complete four courses at 100 level: GEOG/ESCI 111, GEOG 112, GEOG/ENVI 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/GEOL 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)

- 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.
- Complete four courses at 200 level:
  - either MATH 243 or MATH 244
  - MATH 251, PHYS 209, PHYS 223.
- Complete four courses at 300 level: MATH 322, MATH 323; two further courses from MATH, OPRE or PHYS 300–399.

## Geophysics—Solid Earth (GPHS)

- Complete five courses at 100 level:
  - ESCI 111 or ESCI 112
  - MATH 142, MATH 151, PHYS 114, PHYS 115.
- Complete five courses at 200 level:
  - MATH 243 or MATH 244
  - ESCI 203, MATH 251, PHYS 209, PHYS 223.
- Complete four courses at 300 level: ESCI 305, ESCI 344, MATH 323 and one further course from MATH or PHYS 300–399.

## Marine Biology (BMAR)

- Complete four courses at 100 level: BIOL 111, BIOL 113, BIOL 114, STAT 193.
- Complete four courses at 200 level: BIOL 227, BIOL 228, BIOL 271, STAT 292.
- Complete three courses at 300 level: BIOL 370, BIOL 371, BIOL 372.

## Mathematics (MATH)

- Complete three courses at 100 level: MATH 142, MATH 151, MATH 161.
- Complete four courses from MATH 300–399.
- Complete four further courses from MATH 200–399.

## Physical Geography (PHYG)

- Complete five courses at 100 level:
  - GEOG/ESCI 111, GEOG/ENVI 114
  - either ESCI 112 or GEOG 112
  - one course from MATH 141–177, PHYS 131, STAT 193
  - one further course in MATH, PHYS, QUAN, STAT.
- Complete three courses at 200 level:
  - GEOG 222
  - two courses from GEOG 215, GEOG 220, GEOG 224.
- Complete four courses at 300 level:
  - GEOG 324, GEOG 325
  - two courses from GEOG 318, GEOG 319, GEOG 321.

## Physics (PHYS)

- Complete four courses at 100 level: MATH 142, MATH 151, PHYS 114, PHYS 115.
- Complete five courses at 200 level:
  - MATH 243; PHYS 221, PHYS 222, PHYS 223
  - one further course from ECEN 202–204, PHYS 201–299.
- Complete four courses at 300 level: PHYS 304, PHYS 305, PHYS 307, PHYS 309.

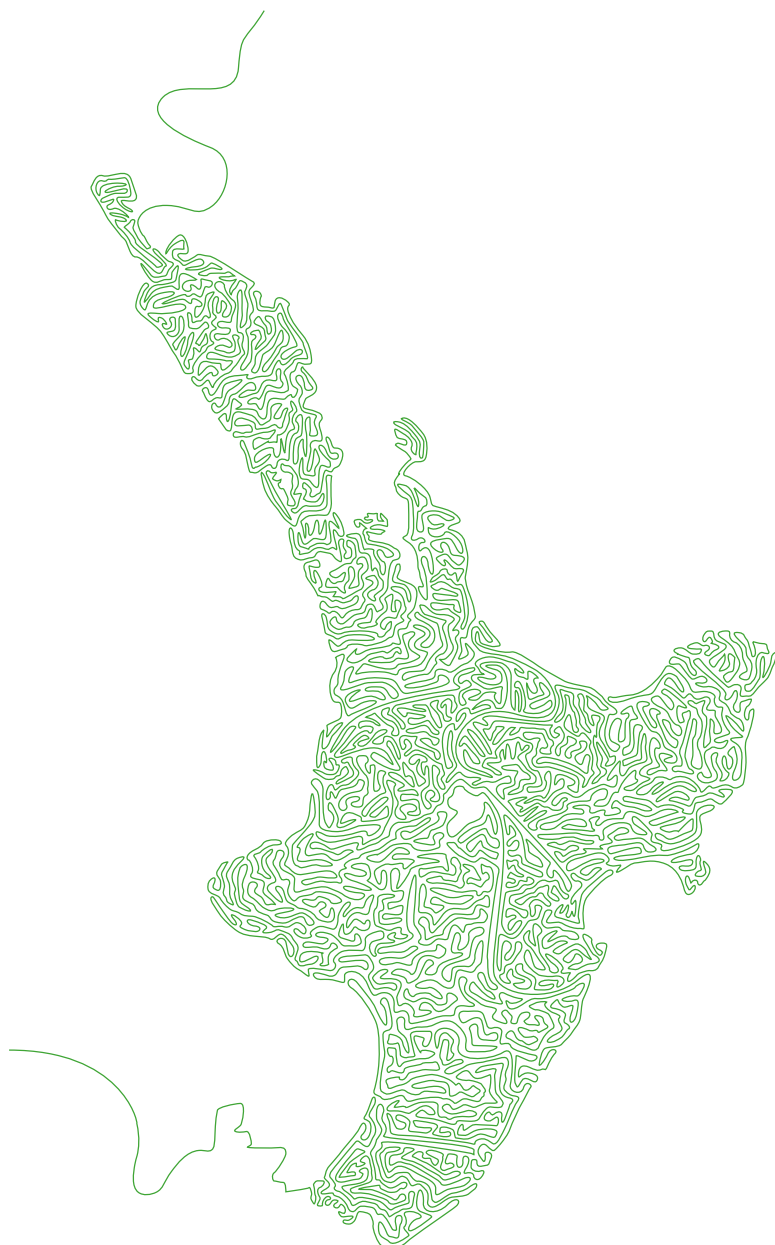
## Psychology (PSYC)

- Complete three courses at 100 level: PSYC 121, PSYC 122, STAT 193.
- Complete four courses at 200 level: PSYC 232, either PSYC 231 or PSYC 233, and two further courses from PSYC 200–299.
- 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).

## Statistics (STAT)

- Complete either MATH 177 or STAT 193 and one course from MATH 100–199 and STAT 100–199.
- Complete four courses at 200 level:
  - either STAT 292 and STAT 293 or MATH 243 and MATH 277
  - two further 200-level Science courses.
- Complete four courses at 300 level:
  - STAT 332 or STAT 393
  - one further course from STAT 300–399
  - two further 300-level courses from MATH, OPRE, STAT.





## DEGREE EXAMPLES

### BSc majoring in Ecology and Biodiversity and Statistics

Year 1		Year 2		Year 3	
1/3	2/3	1/3	2/3	1/3	2/3
BIOL 113 15 points	BIOL 111 15 points	BIOL 222 20 points	BIOL 227 20 points	BIOL 327 20 points	BIOL 329 20 points
BIOL 114 15 points	STAT 193 15 points	BIOL 228 20 points	BIOL 241 20 points	STAT 391 15 points	BIOL 325 20 points
MATH 141 15 points	MATH 177 15 points	STAT 292 15 points	BIOL 271 20 points	STAT 392 15 points	STAT 393 15 points
GEOG 111 15 points	ESCI 132 15 points		STAT 293 15 points		STAT 394 15 points
60 points	60 points	55 points	75 points	50 points	70 points
120 points		130 points		120 points	

Total points required: 360

Total points completed: 370

### BSc majoring in Physics, with a minor in Mathematics

Year 1		Year 2		Year 3	
1/3	2/3	1/3	2/3	1/3	2/3
PHYS 114 15 points	PHYS 115 15 points	PHYS 221 15 points	PHYS 222 15 points	PHYS 305 15 points	PHYS 304 15 points
MATH 151 15 points	MATH 142 15 points	PHYS 223 15 points	PHYS 219 15 points	PHYS 307 15 points	PHYS 309 15 points
MATH 141 15 points	MATH 161 15 points	MATH 200 level 15 points	MATH 243 15 points	MATH 300 level 15 points	MATH 300 level 15 points
COMP 102 15 points	COMP 103 15 points	STAT 193 15 points	MATH 200 level 15 points	STAT 200 level 15 points	PHYS 300 level 15 points
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

#### Key

First major	Second major	Elective
-------------	--------------	----------





# JOSH BARRIER

Student, Bachelor of Science in  
Computer Science and Statistics

---

*“My advice is to treat university like a full-time job. Life after high school will probably surprise you. University work is challenging. However, the quality of teaching is astounding.”*

## Why Wellington

Most of my friends were planning to move to Wellington, and some were already studying here. I knew Victoria was a good place to study, so the idea that I could fly up, study for my degree and not have to worry about making new friends was very attractive. My favourite thing about living in Wellington is the exceptional music scene. I go to a lot of gigs, and there are always so many amazing local bands and producers who frequently play in town.

## Follow your interests

I think you should approach university with an open mind. I'd planned to pursue a BA but when I realised I was enjoying my Statistics course even more than my other courses, I decided it was time to rethink my degree completely. I've never been great at creative writing, but I've grown to love telling stories with data. Working out what it all means and communicating that meaning is an especially satisfying process for me. I've been tinkering with computers my whole life, so it made sense to study Computer Science, and I decided to pick up Chinese language too.

## Valuable learning

There's a lot of value in studying towards a BSc. Computer Science and Statistics are an excellent combination. I intend to pursue a career in data science, so what I'm learning is beyond valuable. The courses are very intellectually stimulating, and there are a lot of jobs out there, especially in the tech industry. Furthermore, there are many disciplines that fall under a BSc, so you have the freedom to make your degree your own.

## Get involved

My favourite club experience so far has definitely been with the e-sports club. A few friends and I put together a team and played in their CS:GO LAN tournament. We lost miserably, but it was still a lot of fun. The Victoria International Leadership Programme has also been a big highlight for me. The seminars are fascinating, and I've particularly enjoyed the experiential activities that I've been involved in so far.

## Good study habits

My advice is to treat university like a full-time job. Life after high school will probably surprise you. University work is challenging. However, the quality of teaching is astounding. There'll be plenty of unexpected challenges and things may not go as planned. Go to your classes, do the work that needs to be done and utilise the teaching staff. If you can stay adaptable and work to overcome these challenges, you'll be very well rewarded.



# BACHELOR OF TOURISM MANAGEMENT

**Whether they come to bungee jump, take in New Zealand's natural wonders or sip wine in the Wairarapa, international tourists recognise New Zealand as an exciting travel destination.** Our tourism industry welcomes almost three million international visitors a year and is the country's second-largest export earner. In the competitive global market, innovative, high-value tourism initiatives have reinforced New Zealand's reputation as an industry leader.



As well as being a major worldwide business, tourism is a growing field of academic study and research. A Bachelor of Tourism Management (BTM) is a three-year undergraduate degree that prepares you for positions of responsibility and management in the tourism industry. It offers the specialist knowledge and practical skills that employers are looking for, locally and globally. Graduates of the BTM are moving up through the ranks of the tourism industry in New Zealand and overseas.

Victoria's BTM is designed to meet the industry's needs. Its specialist teaching staff are involved in tourism research in New Zealand and abroad, resulting in courses that are relevant, up to date and in touch with international trends.

The University's location gives ready access to policymakers and industry organisations that contribute to the course with

specialised guest lecturers. The BTM offers a well-structured programme of Tourism courses, which begins with a systematic introduction to tourism in the first year, incorporates diverse aspects of tourism management in the second year and proceeds to advanced topics in the third year. This core of required courses is combined with electives from a range of subjects relevant to tourism management, including Accounting, Commercial Law, Economics, Geography, History, Human Resource Management and Industrial Relations, Management, Marketing and languages.

The BTM combines well with other degrees such as a Bachelor of Commerce in Marketing, a Bachelor of Science in Geography or a Bachelor of Arts in languages. These conjoint degree programmes take four to five years of full-time study.

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

VICTORIA BUSINESS SCHOOL | Ground Floor, Rutherford House, Pipitea Campus, Wellington

 04-463 5718 |  [som@vuw.ac.nz](mailto:som@vuw.ac.nz) | [www.victoria.ac.nz/som](http://www.victoria.ac.nz/som)

## POTENTIAL CAREERS

As a graduate, you will find employment both in New Zealand and overseas in attraction development, conference coordination, ecotourism, event management, strategic planning and management, and in other fields, including human resources and marketing.

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

## POSTGRADUATE OPPORTUNITIES

A BTM can lead to postgraduate study in Victoria's Bachelor of Tourism Management with Honours or Master of Tourism Management programmes.

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

## RECOMMENDED SCHOOL SUBJECTS

Subjects to study at school include Accounting, Economics, English, Geography, Statistics and languages.

## DEGREE REQUIREMENTS

Three years of full-time study (or longer part time).

A total of 360 points is required:

- at least 180 points must be at 200 and 300 level
- of the 180 points, at least 75 points must be at 300 level.



Images: WellingtonNZ.com

## MAJORS

There are no majors in the BTM. First-year students normally take the 100-level introductory courses. They may also include courses from the list of additional courses. To find out details of what a particular course is about and when it is taught, see the subjects and courses pages (from page 115).

### 100 level (introductory courses)

#### Core Tourism courses

TOUR 101

TOUR 104

TOUR 108

Three courses from: ACCY 111 (or ACCY 130), FCOM 111 (or COML 111), ECON 130, INFO 101 (or INFO 141 or INFO 151), MARK 101, MGMT 101, QUAN 102 (or STAT 193)

### 200 level

#### Core Tourism courses

TOUR 230

TOUR 240

TOUR 250

Two courses from: ACCY 223, COML 203, HRIR 201, IBUS 201, INFO 226 (or INFO 201 or INFO 231 or INFO 321), MARK 203 (or MARK 214), MGMT 202 (or MGMT 205 or MGMT 206), PUBL 201, QUAN 201

### 300 level

#### Tourism courses

TOUR 320 and at least three other courses from TOUR 300–399

### Additional courses

Complete additional courses worth at least 90 points (including at least one course at 200 level or above) from:

- courses listed for the BCom or BTM
- courses listed for the BA/BSc subjects: ANTH, ASIA, CHIN, ENVI, FHSS, FREN, GEOG, GERM, HIST, ITAL, JAPA, MAOR, NZSL, PASI, POLS, PSYC, SAMP, SPAN
- other approved complementary subjects.

### Other important information

You will do work experience through the practicum in the second or third year of study.

You can include language or cultural courses as part of the BTM. You may obtain a minor in up to two undergraduate subject areas by including in your course of study at least 60 points from the corresponding major requirements at 200 level or above, with at least 15 points at 300 level.

If you are doing a BA, BCom or BSc, you can do a minor in Tourism Management by including in your programme at least 60 TOUR points at 200 level or above, including one 300-level course (excluding TOUR 320).



## DEGREE EXAMPLE

### Bachelor of Tourism Management

Year 1		Year 2		Year 3	
1/3	2/3	1/3	2/3	1/3	2/3
TOUR 101 20 points	TOUR 108 20 points	TOUR 240 20 points	TOUR 230 20 points	TOUR 320 15 points	TOUR 300 level 20 points
TOUR 104 20 points	100-level Commerce course 15 points	100-level Commerce course 15 points	TOUR 250 20 points	TOUR 300 level 20 points	TOUR 300 level 20 points
100-level restricted elective 15 points	100-level restricted elective 15 points	100-level Commerce course 15 points	200-level approved Commerce course 15 points	200-level approved Commerce course 15 points	200-level restricted elective 15 points
	100-level restricted elective 15 points	100-level restricted elective 15 points		100-level restricted elective 15 points	
55 points	65 points	65 points	55 points	65 points	55 points
120 points		120 points		120 points	

Total points required: 360  
Total points completed: 360

#### Key

Core Tourism course	Restricted elective	Commerce course
---------------------------	------------------------	--------------------





## Why Wellington

Having lived in Christchurch during the rebuild and seeing innovative tourism ideas and new infrastructures being implemented, I knew I wanted to get involved and help formulate New Zealand's tourism strategy. I also wanted to branch out and explore a new part of the country. Not only that, I wanted to be part of a lively, cultural and arts-oriented city—Wellington provided the perfect backdrop.

## Choosing Victoria

After visiting Victoria only once, I knew it was the right university for me. I loved the inter-connected buildings and the positive vibes on campus. I have a very inquisitive mind, so I wanted to be at a university at the forefront of academic research and at the heart of governmental decision-making.

## Cultural diversity

I have made so many friends from a diverse range of cultural backgrounds who have different perspectives on both life and study. Victoria has enhanced my cultural awareness and appreciation, which is essential to a successful career in tourism. Victoria's openness to international culture and ideas is clear in open social spaces like the Hub, and the tourism lecturers are predominantly from other countries, too.

## Industry experience

I've gained a heightened awareness of industry developments through working with tourism organisations as part of my studies—these include Zealandia, YHA Wellington—and even going on field trips to local tourist spots such as Matiu/Somes Island. The teaching staff have been so helpful and are extremely approachable and communicative—they conduct leading research and are globally renowned in their own right.

## Combining interests

The Bachelor of Tourism Management doesn't just teach you tourism—it teaches you many other transferable industry skills that are useful in the world of business. Having the opportunity to structure my degree and supplement my Bachelor of Tourism Management with supporting courses (in my case, Sociology, German, Marketing and Accounting) means I'll graduate with a wealth of knowledge that extends beyond tourism.



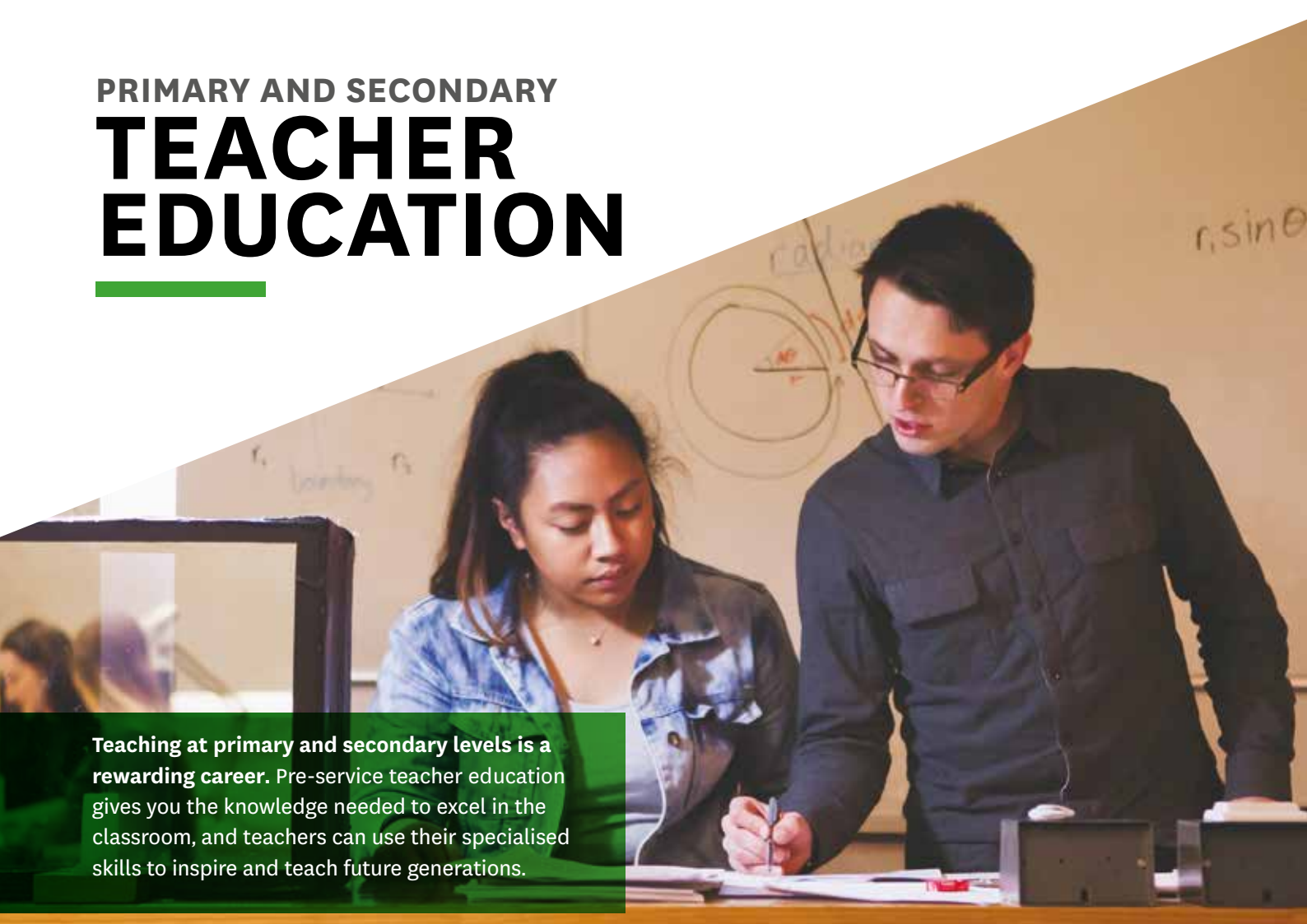
# CHRISTOPHER JOYCE

Student, Bachelor of Tourism Management  
and Bachelor of Arts in German  
and Sociology

*“I have a very inquisitive mind, so I wanted to be at a university at the forefront of academic research and at the heart of governmental decision-making.”*



# PRIMARY AND SECONDARY TEACHER EDUCATION



Teaching at primary and secondary levels is a rewarding career. Pre-service teacher education gives you the knowledge needed to excel in the classroom, and teachers can use their specialised skills to inspire and teach future generations.

You can follow one of two pathways at Victoria 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).

We recommend that you seek advice on planning your undergraduate pathway to a teacher education qualification.

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.

Teaching as a Career is a group for students who are completing an undergraduate degree at Victoria 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 Faculty staff, 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.

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

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

 04-463 9500 |  [education@vuw.ac.nz](mailto:education@vuw.ac.nz)



## 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](http://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](http://www.victoria.ac.nz/education/postgraduate)

## RECOMMENDED SCHOOL SUBJECTS

These include 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 37.

You may need to include different subjects in your undergraduate degree, depending on which level you aim to teach (primary or secondary). 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.

Subject	Course code
Education	EDUC 101, EDUC 141
Pacific Studies	PASI 101, SAMO 101
Science	SCIE 101
Statistics	STAT 193
Te Reo Māori	MAOR 101, MAOR 102
Writing	WRIT 101

## 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 that Victoria offers are below.

Accounting	Languages
Cultural Anthropology	Mathematics
Biology	Media Studies
Chemistry	Music
Chinese	New Zealand Sign Language Studies
Computer Science	Physics
Design	Psychology
Early Childhood Education	Public Policy
Economics	Samoan
Education	Sociology
English Literature	Statistics
Film	Te Reo Māori
Geography	Theatre
History	

## 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 2018, the Master of Teaching and Learning (Secondary) will be offered in the following curriculum areas that relate to teaching subjects you can study at Victoria: 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 Victoria and teacher mentors in schools.

The Graduate Diploma of Teaching (Secondary) is offered in curriculum areas that relate to teaching subjects offered at Victoria.

Curriculum area	Teaching subjects offered at Victoria
English	English Literature
Learning Languages	Chinese, French, German, Japanese, Māori Studies <sup>^</sup> , Samoan Studies / Matāupu tau Samoa, Spanish, Te Reo Māori
Mathematics	Econometrics <sup>^^</sup> , 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 (Economics, Geography, History and Social Studies)	Development Studies, Economics, Environmental Studies, Geography, History, Physical Geography
Technology	Computer Science, Electronic and Computer Systems, Design
Visual Arts	Design

<sup>^</sup> Must include Te Reo Māori courses to at least 200 level.

<sup>^^</sup> Courses only, not a major.



### Amazing opportunities

I chose Victoria because of the range of courses that this university has to offer, its location and the vibe of Wellington. The city caters for every individual—there is always something on and something to do. It's now my home away from home. The University has given me opportunities that I never thought would be possible—I've found who I am, what I'm passionate about and I've made a group of new friends who I now consider family.

### Perfect choice

I have always wanted to be a teacher, but I struggled to find the right course to help me reach my potential. My programme of study at Victoria is perfect for me. It is diverse, enriching and pushes me to be the best that I can be.

### Great support

The teaching programme at Victoria has exceeded my expectations beyond what I could have ever imagined. It's tough, but the quality of support, lecturers, academic mentors and the teacher mentors that are provided within the programme has made it so much easier. It's great to have the opportunity to be actively engaged and involved with the learning of real students.

### Immersed in teaching

My favourite part of the programme is the placements in schools. The fact that we are learning all these tools at university to be great teachers, and then we are actually able to use and practise those tools and knowledge in an actual school, make it so rewarding. We get to be immersed in a school environment for a whole teaching year, which is a valuable experience that all teachers should have the opportunity to have.

## SONDRA BUNT-MUIR

*Te Ātiawa ki Waikawa, Ngāi Tahu, Ngā Puhi*

Student, Master of Teaching and  
Learning (Secondary)

*“It's tough, but the quality of support, lecturers, academic mentors and the teacher mentors that are provided within the programme has made it so much easier.”*

### Advice

Take your first year at university as your first stepping stone. It's a time to make mistakes, try a number of different courses and use the year to find what you are passionate about. Most importantly, do not worry. Study takes, and asks, a lot of you but also gives back in a way that is rewarding and ensures your success.



# SUBJECTS AND COURSES

---

Subject and course information.....	116
Subject and course index.....	175





# SUBJECT AND COURSE INFORMATION

In this section, you'll find a full list of the undergraduate subjects taught at Victoria, 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 37), 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 Victoria's 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.
  - (P) = Prerequisite: a course you must have passed before you can enrol in this course.
  - (C) = Corequisite: a course you must study at the same time as this course, if not already passed.
  - (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](http://www.victoria.ac.nz/limited-entry)
- School leavers should apply to enrol by 10 December 2017 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](http://www.victoria.ac.nz/calendar)

## COURSE FINDER

From September 2017, you can check 2018 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](http://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](mailto:course-advice@vuw.zc.nz)

## SUBJECT CODES

Code	Subject
ACCY	Accounting
ACTS	Actuarial Science
ANTH	Cultural Anthropology
ARCI	Architecture
APHS	Applied Physics
ARTH	Art History
ASIA	Asian Studies
BILD	Building Science
BIOL	Biological Sciences
BMAR	Marine Biology
BMSC	Biomedical Science
BTEC	Biotechnology
CBIO	Cell and Molecular Bioscience
COMD	Communication Design*
CGRA	Computer Graphics
CHEM	Chemistry
CHIN	Chinese
CLAS	Classical Studies
CMPO	Composition
COML	Commercial Law
COMP	Computer Science
CREW	Creative Writing
CRIM	Criminology
CYBR	Cyber Security*
DEVE	Development Studies
DSDN	Design
EBIO	Ecology and Biodiversity
ECON	Economics
ECEN	Electronic and Computer Systems Engineering
ELCO	Electronic and Computer Systems
EDUC	Education
ENGL	English Literature
ENGR	Engineering
ENSC	Environmental Science
ENVI	Environmental Studies
ESCI	Geology
FCOM	Commerce Faculty Course
FHSS	Humanities and Social Sciences Faculty Course
FILM	Film
FINA	Finance
FREN	French
GEOG	Geography
GERM	German
GPHS	Geophysics
GREE	Greek
HINF	Health Informatics*
HIST	History
HLWB	Health and Wellbeing*
HPRO	Health Promotion*
HPSY	Health Psychology*
HRIR	Human Resource Management and Industrial Relations
HSWD	Health Software Development*

Code	Subject
IBUS	International Business
INDN	Industrial Design
INFO	Information Systems
INTA	Interior Architecture
INTP	International Relations
ITAL	Italian
IXDN	Interaction Design*
JAPA	Japanese
LAND	Landscape Architecture
LATI	Latin
LAWS	Law
LING	Linguistics
MAOR	Māori Studies
MARK	Marketing
MATH	Mathematics
MDDN	Media Design Subject
MDIA	Media Studies
MGMT	Management
MUSC	Music
NWEN	Network Engineering
NZSL	New Zealand Sign Language Studies
PASI	Pacific Studies
PERF	Performance Music
PHIL	Philosophy
PHSD	Population Health, Policy and Service Delivery*
PHYG	Physical Geography
PHYS	Physics
POLS	Political Science
PSYC	Psychology
PUBL	Public Policy
QUAN	Econometrics
RELI	Religious Studies
RESE	Renewable Energy Systems Engineering*
SACS	Social and Cultural Studies
SAMP	Samoan Studies / Matāupu tau Samoa
SARC	Architectural Studies
SCIE	Science in Context
SIDN	Design for Social Innovation*
SOSC	Sociology
SPAN	Spanish
SPOL	Social Policy
STAT	Statistics
SWEN	Software Engineering
TAXN	Taxation
TCHG	Teaching
THEA	Theatre
TOUR	Tourism Management
TSOL	Teaching English to Speakers of Other Languages (TESOL)
TXTT	Text Technologies
WRIT	Writing (Academic and Professional)

\* Subject to approval from the Committee on University Academic Programmes.

# ACCOUNTING

See page 66 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 taxation 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 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). Victoria 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.

### 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
ACCY 320	Accounting Theory
ACCY 321	Accounting History
ACCY 330	Auditing

## 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 66 and 102 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 111	Accounting
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
ECON 301	Econometrics
ECON 314	Game Theory
ECON 339	Information Economics
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

Actuary, 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 102 for major requirements.  
See Physics.

## ARCHITECTURE

See page 45 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 at Victoria 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 BBA courses

Refer to page 44 (BAS) and 60 (BBA) 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
BILD 251	History of Building Technology
BILD 261	Building Project Management Economics
BILD 262	Building Project Management Cost Planning
INTA 211^	Interior Architecture Design
INTA 212^	Interior Architecture Design Integration
INTA 251	History of Interior Architecture
INTA 261	Drawing and Modelling for Interior Architecture
LAND 211^	Landscape Architecture and Design
LAND 212^	Landscape Architecture Design Integration

LAND 221	Landscape Architecture Sites and Systems
LAND 222	Landscape Architecture Application
LAND 251	Landscape Architecture History and Theory
LAND 261	Landscape Architecture Communication
SARC 212	Furniture Design, Construction and Technologies
SARC 221	Building Materials and Construction
SARC 222	Structural Systems
SARC 223	Human Environmental Science
SARC 224	Fire Safety Design
SARC 252	Building Heritage Conservation
SARC 261	Communication
SARC 262	Building Project Management Cost Planning

^ Courses are available only to students doing the relevant specialisation.

## 300-level courses

ARCI 311^	Architecture Design
ARCI 312^	Architecture Design Integration
BILD 321	Sustainable Engineering Systems Design
BILD 322	Structures
BILD 331	Sustainable and Regenerative Design
BILD 361	Project Management
BILD 362	Construction Law
BILD 364	Building Code Compliance
INTA 311^	Interior Architecture Design
INTA 312^	Interior Architecture Design Integration
INTA 321	Interior Fit-Out Technologies
LAND 311^	Landscape Architecture Design
LAND 312^	Landscape Architecture Design Integration
LAND 321	Landscape Architecture Construction
SARC 312	Furniture Design, Construction and Technologies
SARC 321	Construction
SARC 323	Colour, Pattern, Light
SARC 351	Urban Design Theory and Practice
SARC 352	Pacific Designed Environments
SARC 354	Interior Heritage Conservation
SARC 362	Introduction to Practice and Management
SARC 363	Digital Representation and Documentation
SARC 365	Drawing

^ 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

## ARCHITECTURE HISTORY AND THEORY

*See page 45 for major requirements.*

Architecture History and Theory sets its focus wider than the professionally orientated Architecture major within the Bachelor of Architectural Studies (BAS). It addresses the historical, social, political and critical context of how and why we design buildings.

Architecture History and Theory at Victoria will give you an architectural perspective firmly grounded in the social and cultural context of architecture. You will have the opportunity to draw

from all surrounding disciplines of the built environment. This interdisciplinary approach aims to link all aspects of architecture with the rest of culture. This major provides the means to investigate and explore every kind of inhabited space, from buildings to streets and landscapes.

Our programme is structured with the flexibility to suit differing aspirations. You can pursue any architectural passion from the skyscrapers of 1900s New York to the shaping of the 'New World' societies in the American West, Australia and New Zealand.

In the first year, you'll study some of the same courses as Architecture, Building Science, Interior Architecture and Landscape Architecture students. The second and third years are discipline focused, comprising a series of history- and theory-based subjects together with electives to suit your needs and interests.

This specialisation is also available as a major for students studying within the BA degree.

## Courses

See Architecture, page 119, for BAS and BBS courses, course descriptions and points values.

## Related subjects

Architecture, Art History, Building Science, Classical Studies, Design, History, Interior Architecture, Landscape Architecture

## Careers

Architectural conservator, archivist, critic/writer, curator, historian, librarian, museum researcher

## ART HISTORY

*See page 50 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 fifteenth century 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 Bachelor of Arts (BA) starts with first-year courses that offer an introduction to particular areas of study (the Renaissance, the Pacific, Modernism) and to the practice of art history as a discipline. In second- and third-year courses you will study a range of periods, places and art movements, from the seventeenth century until now.

Victoria's 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 (2/3)**

#### 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 (1/3)

##### 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 the global context.

(X) 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 50 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 at Victoria 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)**

#### Introduction to Asian Studies

An interdisciplinary introduction to the study of aspects of Asia. This course is thematic in structure and focuses on contacts and cultural interchange between Asia and the West.

## 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

## 300-level courses

ASIA 301	Nation and Nationalism in Asia
ASIA 302	Selected Topic: Directed Individual Study
ASIA 303	Selected Topics in the Study of Malaysia
ASIA 304	Modern Korean Society

For a full list of approved Asia-related 200- and 300-level courses in other programmes, go to [www.victoria.ac.nz/fhss](http://www.victoria.ac.nz/fhss)

## Related subjects

Chinese, Cultural Anthropology, Development Studies, Geography, History, International Business, International Relations, Japanese, Language and Culture Studies, Linguistics, Political Science, Religious Studies

## Careers

Diplomacy, education, finance and banking, government, international aid, international business, journalism, media, tourism

\* Major requirements are under review.



## BA EMPLOYABILITY

What can you do with your BA degree? What will the workforce look like in 10 years? Explore the answers to these questions and put what you're learning into practice in the world of work.

### The Future of Work

In The Future of Work, you will examine the changing nature of the workforce both domestically and internationally. The course traces the history of employment, and looks at trends over time. It also considers the problems facing employers and individuals today in the face of changes in the labour market profile, and considers what skills are necessary to give individuals an edge as they establish their future careers.

### BA Internship

In the BA Internship, you will get the opportunity to put your skills, knowledge and interests into action on work-based projects, and acquire practical work experience while gaining course credit towards your BA. This course is unparalleled in enabling students to expand their horizons and engage in meaningful collaborations with various organisations in the Wellington region, such as the Council for International Development, Te Papa Tongarewa, NZ on Screen, the Ministry of Education, *Capital* magazine and many more. As an intern, you will be involved in a variety of projects depending on your area of study and the host organisation's areas of expertise. In the taught component of the course, you will have an opportunity to reflect on, share and discuss what you've learnt in the workplace with your classmates.

### 200-level course

FHSS 205                      The Future of Work

### 300-level course

FHSS 302                      BA Internship

### Related subjects

All subject areas offered in a Bachelor of Arts

### Careers

See page 49 of the Bachelor of Arts degree pages.

## BIOLOGY

See page 102 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 Victoria's 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

Biosecurity, biotechnology, ecology, fisheries, forestry, laboratory technician, museums, pharmaceuticals, research technician, science technician, teacher, trainee anaesthetic technician

## BIOMEDICAL SCIENCE

See page 57 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 at Victoria 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**

The nature and origin of disease. Economic and health issues. Bacteria, viruses, prions, structure, identification and classification. Genetics and mechanisms of infectivity, pathogenesis, virulence and host susceptibility, immunity, epidemiology. Control strategies, new techniques. New organisms. Invertebrate and fungal parasites. Ecological, cultural aspects of disease.

### 200-level courses

BIOL 241	Genetics
BIOL 243	Physiology and Pharmacology
BIOL 244	Introductory Biochemistry
BIOL 252	Cell and Developmental Biology

### 300-level courses

BIOL 340	Genes and Genomes
BMSC 301	Medical Microbiology
BMSC 323	Systems Pathology
BMSC 334	Cell and Immunobiology
BMSC 335	Advanced Physiology
BMSC 339	Cellular Regulation
BMSC 343	Advanced Genetics
BMSC 354	Pharmacology

### Related subjects

Biology, Biotechnology, Cell and Molecular Bioscience, Chemistry, Psychology, Statistics

### Careers

Bioinformatics, biomedical industries, biotechnology industries, genetic counsellor, intellectual property, laboratory technician, pharmaceuticals, research assistant/officer, science teacher, scientific computing, scientific journalist, technical writer

## BIOTECHNOLOGY

See page 102 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—its potential is only just being realised by the public.

A BSc major in Biotechnology at Victoria 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. Students 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, students 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.

Victoria's 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.

### 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

Biomedical industries, biomedical researcher, biotechnological industries, biotechnological innovation, environmental monitoring, environmental risk assessment, intellectual property, microbiologist, pharmaceuticals, research, scientific computing, scientific journalist, teacher, technician

## BUILDING SCIENCE

See page 61 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.

At Victoria, 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 119, for BAS and BBSc courses, course descriptions and points values.

## Related subjects

Architecture, Economics, Engineering, Geophysics, Management, Operations Research, Physics, Public Policy

## Careers

Building management, 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 102, 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. At Victoria, 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

Agricultural researcher, biomedical researcher, biotechnologist, genetic counsellor, human medicine, laboratory technician, pharmaceutical sales, plant breeding, teacher, scientist, veterinary medicine

## CHEMISTRY

See page 102 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, 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 at Victoria 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 equivalent backgrounds 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 191****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 BBMedSc students who do not have an adequate background in chemistry. While CHEM 191 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**

Biology, Biomedical Science, Biotechnology, Cell and Molecular Bioscience, Environmental Science, Environmental Studies, Geology, Physics, Teaching, Technology

**Careers**

Environmental planner, food processing, food technologist, laboratory technician and manager, manufacturing, new product development, occupational safety and health, patents and law, pharmaceuticals, quality assurance, research scientist, teacher, technical assistant, winemaker

**CHINESE\***

*See page 50 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, Commerce, Geography, History or Law).

**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.*

**CHIN 112****20 POINTS****Introduction to Chinese Civilisation**

*Not offered in 2018.*

**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**

Asian Studies, Geography, History, International Business, International Relations, Law, Language and Culture Studies, Linguistics, Modern Language Studies, TESOL

**Careers**

Diplomacy, government, international business, journalism, librarianship, marketing, media, education, tourism, translation and interpreting

*\* Major requirements are under review.*

**CLASSICAL PERFORMANCE**

*See Music.*

# CLASSICAL STUDIES, GREEK AND LATIN\*

See pages 50, 51 and 52 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 2018.*

**CLAS 104** **20 POINTS (1/3)**  
**The Greeks**  
This course offers a general introduction to ancient Greek history and culture. It tells the story of the Greeks from the Bronze Age to the coming of Rome, pausing along the way to consider the Greeks' achievements in various cultural and intellectual endeavours.

**CLAS 105** **20 POINTS (1/3)**  
**Roman History and Society**  
The history of Rome from its origins to its fall—by way of a fast-moving survey concentrating on Roman imperialism, republican ideologies, the overthrow of the republic by Caesar and Augustus and the difficulties of coping with emperors. Special attention is given to ancient literary sources and the problems they throw up.

**CLAS 111** **20 POINTS (2/3)**  
**Myth and Mythologies**  
A study of myth and mythologies, ancient and modern. Gods, heroes, sex and violence frequently in view. Emphasis on the meaning of myths in context and on cross-cultural comparison. Various ways of approaching myth considered.  
(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 202	Etruscan and Roman Art
CLAS 203	Greek and Roman Drama
CLAS 207	Roman Social History
CLAS 208	Greek Social History
CLAS 209	Bronze Age Aegean Art and Archaeology
CLAS 210	Greek and Roman Epic
CLAS 211	Myth and Storytelling
CLAS 212	Special Topic: Antony and Cleopatra
CLAS 214	Special Topic: Ancient Greece and Rome on Screen
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 302	Etruscan and Roman Art
CLAS 303	Greek and Roman Drama
CLAS 307	Roman Social History
CLAS 309	Bronze Age Aegean Art and Archaeology
CLAS 310	Greek and Roman Epic
CLAS 312	Special Topic: Death, Dying and Disposal in Ancient Greece
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

Communications, government, journalist, library assistant, media, museum host, policy analyst, publishing, research assistant, teacher

\* Major requirements are under review.

## 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 66 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 at Victoria 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 2018.*

### 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
COML 306	Law of International Business
COML 307	Legal Issues for e-Commerce
COML 308	Marketing Law
COML 309	Banking Law and Regulation in New Zealand
COML 310	Business Contracts
COML 320	Corporate Collapse
COML 321	Securities Markets and Advanced Corporate 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 72 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.

### Related subjects

Art History, Computer Graphics, Computer Science, Design for Social Innovation\*, Engineering, Industrial Design, Information Technology, Interaction Design, Māori Studies, Media Design, Media Studies

### 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.

*\* Subject to approval from the Committee on University Academic Programmes.*

## COMPOSITION

*See Music.*

## COMPUTER GRAPHICS

*See page 102 for major requirements.*

Wellington is at the heart of New Zealand's growing computer graphics industry. Victoria'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 Bachelor of Science 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) (2/3)

#### 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 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.

Students may replace this with MATH 151.

### 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 251

MDDN 211

MDDN 241

MDDN 242

MDDN 243

NWEN 241

NWEN 242

NWEN 243

SWEN 221

SWEN 222

SWEN 223

SWEN 224

Linear Algebra

Digital Video Creation

3D Modelling and Animation II

Creative Coding II

Introduction to Computer Game Design

Systems Programming

Computer Organisation

Network Applications

Software Development

Software Design

Software Engineering Analysis

Formal Foundations of Programming

## 300-level courses

CGRA 350

CGRA 351

COMP 307

COMP 313

COMP 361

MDDN 311

MDDN 342

MDDN 343

NWEN 303

SWEN 301

SWEN 302

SWEN 303

Real-time 3D Computer Graphics

Visual Effects Programming

Introduction to Artificial Intelligence

Computer Game Development

Design and Analysis of Algorithms

Postproduction and Special Effects

Creative Coding III

Advanced Computer Game Design

Concurrent Programming

Structured Methods

Agile Methods

User Interface Design

## 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, simulation, software designer, systems programmer, web developer.

## COMPUTER SCIENCE

See page 103 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 80). You can also include Computer Science as a second major in the BA or BCom. It is also useful as a minor in the BDI.

Victoria's 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—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) (2/3)

#### 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 242	Computer Organisation
NWEN 243	Network Applications
SWEN 221	Software Development
SWEN 222	Software Design
SWEN 223	Software Engineering Analysis
SWEN 224	Software Correctness

## 300-level courses

COMP 304	Programming Languages
COMP 307	Introduction to Artificial Intelligence
COMP 308	Computer Graphics
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
SWEN 301	Structured Methods
SWEN 302	Agile Methods
SWEN 303	User Interface Design
SWEN 304	Database System Engineering

## Related subjects

Computer Graphics, Design, Education, Engineering, Information Systems, Linguistics, Mathematics, Physics, Statistics

## 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'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.

Victoria's 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 Victoria 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, Victoria's 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

CREW 253	Poetry Workshop
CREW 254	Short Fiction Workshop
CREW 255	Children's Writing Workshop
CREW 256	Special Topic: Māori and Pasifika Creative Writing Workshop
CREW 257	Creative Nonfiction Workshop

CREW 258	The Iowa Workshop (Prose)
CREW 259	The Iowa Workshop (Poetry)

## 300-level courses

CREW 351	Masterclass
CREW 352	Creative Writing Workshop: Science Writing
CREW 353	Writing for Theatre

## 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 50 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 at Victoria 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. Students 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 pts, or 15 PSYC pts; (X) CRIM 211, CRIM 214.

## 200-level courses

CRIM 212	Crime and Criminal Justice in New Zealand
CRIM 216	Drugs, Risk and Play
CRIM 217	Criminal Psychology
CRIM 219	Special Topic: Current Issues in Criminology
SACS 201	Methods in Social and Cultural Research

## 300-level courses

CRIM 303	Special Topic: Prisons in Aotearoa New Zealand
CRIM 314	Special Topic: to be confirmed
CRIM 316	Criminological Theory
CRIM 324	Sexual Violence
CRIM 326	Criminological Research Methods
CRIM 330	Special Topic: to be confirmed

## Related subjects

Cultural Anthropology, Education, Law, Media Studies, Political Science, Psychology, Public Policy, Social Policy, Sociology

## Careers

Community worker, government, intelligence collator, justice, police, policy analyst, prison programme coordinator, probation officer, programme support coordinator, researcher, social policy, social scientist, social worker

## CULTURAL ANTHROPOLOGY

See page 50 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 at Victoria 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, chiefdoms, 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** **20 POINTS (2/3)**

### 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	Kin, Class and Caste
ANTH 208	Culture and Experience
ANTH 210	Environmental Anthropology
ANTH 213	Ritual in the Modern World
ANTH 215	Special Topic: Anthropology for Liberation

## 300-level courses

ANTH 307	Medical Anthropology
ANTH 314	Special Topic: to be confirmed
ANTH 315	Special Topic: Capitalism, Culture and Inequality
ANTH 316	Visual Anthropology



## Related subjects

Art History, Asian Studies, Education, Geography, History, Linguistics, Māori Studies, Pacific Studies, Philosophy, Political Science, Religious Studies, Sociology

## Careers

Anthropologist, client services coordinator, community worker, cultural adviser, heritage adviser, journalist, market researcher, migrant and refugee services, museums, policy analyst, social researcher, social scientist

## DESIGN

See page 72 for degree requirements.

Victoria's 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.

See Communication Design\*, Design for Social Innovation\*, Industrial Design, Interaction Design\* and Media Design subject pages for available Design majors offered by Victoria.

\* Subject to approval.

## Courses

See page 71 for information on the core courses for each major.

## 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.

### DSDN 141 15 POINTS (2/3)

#### Experimenting with Materials

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.

### DSDN 142 15 POINTS (2/3)

#### Creative Coding I

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.

### DSDN 144 15 POINTS (1/3) (2/3)

#### Photographics

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.

### DSDN 151 15 POINTS (2/3)

#### Graphic Design\*

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.

### DSDN 171 15 POINTS (1/3)

#### Design in Context

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.

### DSDN 172 15 POINTS (2/3)

#### Māori Narratives / Storytelling for Design\*

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.

## 200-level courses

COMD 201	Typography*
COMD 211	Drawing*
COMD 231	Illustration*
COMD 241	Visual Narratives*
DSDN 251	Design Psychology

INDN 211	Object Based Experiments
INDN 212	Product Based Experiments
INDN 252	Design Physiology
IXDN 201	User-experience for Interaction Design*
IXDN 221	Introduction to Web Design*
MDDN 201	Internet Design
MDDN 211	Digital Video Creation
MDDN 241	3D Modelling and Animation II
MDDN 242	Creative Coding II
MDDN 243	Introduction to Computer Game Design
MDDN 251	Physical Computing
SIDN 231	Experimental Design Ideas
SIDN 233	Design Ethnography
SIDN 244	Expanded Photographics
SIDN 271	Design as Inquiry

## 300-level courses

COMD 301	Communication Design Capstone*
COMD 321	Advertising*
COMD 331	Concept Art and World Building*
COMD 342	Computational Graphic Design*
COMD 351	Writing for Design*
INDN 311	Digital Form
INDN 312	Brand+Identity
INDN 341	Mass Production+Digital Manufacturing
INDN 342	Digital Fabrication
IXDN 301	Interaction Design Capstone Project*
IXDN 321	Advanced Web Design*
IXDN 341	Interaction Design for Healthcare *
MDDN 311	Postproduction and Special Effects
MDDN 314	Audio-Visual Space
MDDN 343	Advanced Computer Game Design
MDDN 351	Wearable Technology
MDDN 352	Mobile Media
SIDN 331	Live Theory
SIDN 332	Design+
SIDN 342	Advanced Topics in Design

## Related subjects

Communication Design, Design for Social Interaction, Industrial Design, Interaction Design, Media Design

\* Subject to approval from the Committee on University Academic Programmes.

## DESIGN FOR SOCIAL INNOVATION\*

See page 72 for major requirements.

Design for Social Innovation combines design research, thinking and critical practice in the pursuit of creative solutions. A unique degree in New Zealand, the major gives students 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, European Studies, Film Studies, Māori Studies, Marketing, Media Studies, Music Studies, Pacific Studies, Philosophy, Psychology, Sociology, Theatre.

## Related minors with possible careers

Minor subject	Career
Art History	Museum/gallery curator, design critic, event/experience designer
Asian Studies	International design ambassador, policy adviser, design consultant
Cultural Anthropology	Design researcher/consultant, trend analyst
Development Studies	NGO strategist/consultant, service designer, policy adviser
Film	Film industry writer, critic, producer
Management	Agency manager, design strategist, marketing and advertising executive

Minor subject	Career
Māori Studies	Māori design advocate/curator/specialist
Marketing	Marketing and advertising executive, advertising planner, design strategist, entrepreneur
Media Studies	Media researcher, producer, entrepreneur
Psychology	Product/system interface and usability designer
Sociology	Design consultant/design critic/social issues advocate

## Courses

See Design for BDI courses, course descriptions and points values.

## 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.

\* Name subject to approval.

## DEVELOPMENT STUDIES

See pages 50 and 103 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'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 we live on. 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.

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
GEOG/ESCI 111	The Earth System: An Introduction to Physical Geography and Earth Sciences
GEOG/ENVI 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

Biodiversity and conservation management, city or regional planning, conservation support officer, diplomacy, disaster and relief management, education adviser, 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, tourism management

## EARLY CHILDHOOD TEACHER EDUCATION

See page 77 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 (ECE) 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 mō 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 (ECE)

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 368** Te Ao Māori III

## EARTH SCIENCES

See *Geology and Geophysics*.

## ECOLOGY AND BIODIVERSITY

See page 103 for major requirements.

See *Biology*.

At Victoria's School of Biological Sciences, you'll learn about the huge diversity of plants, animals and micro-organisms that inhabit the 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

Biodiversity management, biosecurity, conservation, 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.

At Victoria, 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, financial mathematics, 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 pages 50 and 66 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. Economics is about the study of how we go about the every-day business of life and wealth creation. At Victoria, 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

Banking, business, economic analyst, economic forecaster, financial markets, government, insurance, international agencies, investment manager, multinational corporations, policy analyst, risk management, statistical analyst

## EDUCATION

See page 50 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.

### 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

Career adviser, community education, development officer, education researcher, government, human resources management, learning and development manager, policy analyst, professional education, professional training and development, researcher, social work, teacher, youth work

## EDUCATION AND PSYCHOLOGY

See page 50 for major requirements.

The interdisciplinary Education and Psychology major (EDPS) 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 degree 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 for the Natural and Social Sciences

## 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

Counsellor, educational psychologist, clinical practitioner, government, researcher, teacher, youth worker

# ELECTRONIC AND COMPUTER SYSTEMS

See page 103 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 82 for major requirements.

See Engineering.

## ENGINEERING

See page 81 for degree requirements.

Technology is constantly changing our world, providing new products and processes that enhance our lives. Engineering at Victoria 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.

The following majors are offered for the BE(Hons): Electronic and Computer Systems Engineering, Network Engineering and Software Engineering.

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.

Network Engineering gives graduates an understanding of the full range of modern communication technologies, network protocols and middleware as well as knowledge about reliability and security techniques required for modern networks and networked services such as mobile phone networks, sensor grids, internet communications, wireless apps and search engines.

*Note: Network Engineering may not be offered in 2018. In this case, the network courses will be available in the Software Engineering major.*

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)**

### Cyber Security 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 cyber security 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 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.*

*Acceptance into ENGR 121 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 121 is conditional on a minimum of 4 or better in Mathematics on the International Baccalaureate grade scale.*

**ENGR 122** **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 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).

**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.*

**RESE 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.

## 200-level courses

COMP 261	Algorithms and Data Structures
ECEN 202	Digital Electronics
ECEN 203	Analogue Circuits and Systems
ECEN 204	Electronic Design
ECEN 220	Signals and Systems
ENGR 291	Work Experience Preparation
NWEN 241	Systems Programming
NWEN 242	Computer Organisation

NWEN 243  
 SWEN 221  
 SWEN 222  
 SWEN 223  
 SWEN 224

Network Applications  
 Software Development  
 Software Design  
 Software Engineering Analysis  
 Software Correctness

## 300-level courses

COMP 304	Programming Languages
COMP 307	Introduction to Artificial Intelligence
COMP 308	Introduction to Computer Graphics
COMP 312	Simulation and Stochastic Models
COMP 313	Computer Game Development
COMP 361	Design and Analysis of Algorithms
ECEN 301	Embedded Systems
ECEN 302	Integrated Digital Electronics
ECEN 303	Analogue Electronics
ECEN 310	Communication Engineering
ECEN 315	Control Systems Engineering
ECEN 320	Introductory Signal Processing
ECEN 330	Electronic Materials and Devices
ENGR 301	Project Management
ENGR 302	Group Project
ENGR 391	Practical Work Experience
NWEN 301	Operating Systems Design
NWEN 302	Computer Network Design
NWEN 303	Concurrent Programming
NWEN 304	Advanced Network Applications
SWEN 301	Structured Methods
SWEN 302	Agile Methods
SWEN 303	User Interface Design
SWEN 304	Database System Engineering

## 400-level courses

COMP 421	Machine Learning
COMP 422	Data Mining, Neural Networks and Genetic Programming
COMP 423	Intelligent Agents
COMP 425	Computational Logic
COMP 441	Directed Individual Study
COMP 489	Research Project
ECEN 403	Advanced Electronics
ECEN 405	Power Electronics
ECEN 410	Advanced Communications Engineering
ECEN 415	Advanced Control Systems Engineering
ECEN 421	Advanced Signal Processing
ECEN 425	Advanced Mechatronic Engineering 1: Hardware and Control
ECEN 426	Special Topic
ECEN 430	Advanced Mechatronic Engineering 2: Intelligence and Design
ENGR 401	Professional Practice
ENGR 440	Directed Individual Study
ENGR 441	Directed Individual Study
ENGR 489	Engineering Project
ENGR 491	Professional Work Experience
NWEN 401	Distributed Systems Design
NWEN 402	Internet Engineering
NWEN 403	Advanced Network Engineering
NWEN 404	Mobile Computing
NWEN 405	Security Engineering
NWEN 406	Distributed Computing in Grids and Clouds
NWEN 438	Special Topic in Network Engineering 1
NWEN 439	Special Topic in Network Engineering 2

SWEN 421	Formal Software Engineering 1
SWEN 422	Human Computer Interaction
SWEN 423	Object-Oriented Paradigms
SWEN 424	Model-Driven Development
SWEN 425	Design Patterns
SWEN 426	Advanced Software Implementation and Development
SWEN 427	Advanced Software Engineering: Requirements and Design
SWEN 430	Compiler Engineering
SWEN 431	Advanced Programming Languages
SWEN 432	Advanced Database Design and Implementation
SWEN 433	Web Information Systems Engineering
SWEN 434	Data Warehousing

## Related subjects

Computer Science, Design, Information Systems, Mathematics, Operations Research, Physics, Statistics, Technology

## Careers

Communications, consumer products, electronics, engineer, games development, industrial instrumentation, network design, researcher, robotics, software development

\* *Subject to approval.*

## ENGLISH LITERATURE

See page 51 for major requirements.

Victoria offers a Bachelor of Arts (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.

Victoria's 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 111

20 POINTS (1/3)

#### Wild Civility: English Literature, 1380–1830

'Wild Civility' introduces some of the great English texts from the medieval to the Romantic period (1380–1830). It explores literature from the bawdy tales of Chaucer to the drama and poetry of the age of Shakespeare and to the verse of the Romantic poet Keats. These texts provide a vivid insight into the literature of the past, its themes and techniques, and into the foundations of the English literary canon. The course also focuses on the essential reading skills that enable a student to understand and enjoy such works, and on the basic skills of academic writing.

### ENGL 112

20 POINTS (2/3)

#### 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 courses

ENGL 202	Nineteenth-Century American Literature
ENGL 203	Modernist Literature
ENGL 208	Shakespeare
ENGL 209	The Nineteenth Century Novel
ENGL 225	Classical Traditions in English Literature
ENGL 231	Modern Poetry
ENGL 234	New Zealand Literature
ENGL 244	Children's Literature

## 300-level courses

ENGL 308	Renaissance Literature
ENGL 311	Romantic Literature
ENGL 312	Victorian Literature
ENGL 314	The Chivalric Quest from Chaucer to Spenser
ENGL 315	Restoration and 18th Century Literature
ENGL 330	Postcolonial Literature
ENGL 331	New Zealand Literature
ENGL 332	American Literature: Twentieth Century
ENGL 334	Awkward Books

## Related subjects

Classical Studies, Creative Writing, Film, History, Linguistics, Media Studies, Modern Language Studies, Music, Philosophy, Theatre

## Careers

Advertising, archives support assistant, editor, government, journalist, librarian, management, market researcher, media, public relations, public service, publishing, research assistant, teacher



## ENVIRONMENTAL SCIENCE

See page 103 for major requirements.

Environmental Science is a major offered across the sciences drawing on the extensive expertise of staff both in the Faculty of Science at Victoria University and from the science community of Wellington. Graduates of the Environmental Science major will have obtained one of the highest quality BSc degrees available as they will have the opportunity to combine a physical, biological, mathematical or earth sciences major with the Environmental Science major.

The Environmental Science major in the BSc is unique because it will require both a research project and a further core 300-level course in which Environmental Science topics are selected that complement the partner major, and is taught by experts in that particular area of environmental science research.

### First-year sample courses

BIOL 113	Biology of Plants
CHEM 114	Principles of Chemistry
CHEM 115	Structure and Spectroscopy
ENVI 114	Environment and Resources: The Foundations
ESCI 111	The Earth System: An Introduction to Physical Geography and Earth Sciences
MATH 142	Calculus 1B
MATH 177	Probability and Decision Modelling
PHYS 131	Energy and Environmental Physics

### 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 103 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.

Victoria's 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

**ENVI/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/GEOG 111	The Earth System: An Introduction to Physical Geography and Earth Sciences
GEOG 112	Introduction to Human Geography and Development Studies
STAT 193	Statistics for Natural and Social Sciences

### 200-level core course

ENVI/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](http://www.victoria.ac.nz/bsc) for details.

### 300-level core course

ENVI 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](http://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

Conservation, energy sector, environmental scientist, Ministry for the Environment, occupational safety and health, planner, policy analyst, project manager, regional councils, research analyst, resource development, resource manager, teacher

### FCOM

See *Commerce*.

### FILM

See page 51 for major requirements.

Film is a dynamic art form that entertains, educates and influences us. Based in FHSS, 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.

At Victoria, 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.

(X) 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 66 for major requirements.

If you want a rock-solid foundation in portfolio selection, financial decision-making and the behaviour of financial markets, study Finance at Victoria. 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

Banking, economic forecaster, financial adviser, financial analyst, financial planner, foreign exchange, investigations officer, investment consultant, portfolio manager, risk analyst, security analyst, sharebroker, treasury analyst

## FRENCH\*

See page 51 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 credits (with Achieved); (X) FREN 113

### FREN 104

20 POINTS

#### French Society and Culture

Not offered in 2018.

## 200-level courses

FREN 201	French Language 2A
FREN 202	French Language 2B
FHSS 210	Language Study Abroad

## 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

Art History, History, International Business, International Relations, Language and Culture Studies, Law, Linguistics, Modern Language Studies, Music, Pacific Studies, TESOL, Tourism Management

## Careers

Diplomacy, education, government, international agencies, international business, interpreter, journalism, marketing, media, policy analyst, tourism, translation and interpreting

\* Major requirements are under review.

## 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.

## 200-level core course

### SACS 202

Gender and Sexuality Studies: Key Thinkers and Perspectives

## GEOGRAPHY

See pages 51 and 103 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

### GEOG/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.

### STAT 193

15 POINTS (1/3) (2/3) (3/3)

#### Statistics for the Natural and Social Sciences

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 324	Research Design
GEOG 325	Field Methods

and at least one of:

GEOG 312	Race, Gender and Development
GEOG 313	Geographies of New Zealand
GEOG 314	Advanced Environment and Resources: Global Issues
GEOG 315	Advanced Geographical Information Systems (GIS)
GEOG 316	Geographies of Globalisation
GEOG 320	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 103 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 at Victoria 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

### **GEOG/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

Adviser, conservation, Crown research institutes, geologist, government, mineral exploration, minerals technician, research assistant, researcher, resource manager, resource planner, risk manager, seismologist

## GEOPHYSICS

See page 104 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

Crown research institutes, energy industry, meteorologist, mineral exploration, seismologist, volcanologist

## GERMAN\*

See page 51 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 programme director.

**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.

**GERM 114**

**20 POINTS**

#### Topics in German Culture 1

Not offered in 2018.

### 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

### 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

Classical Studies, Design, History, International Business, International Relations, Language and Culture Studies, Law, Linguistics, Modern Language Studies, Music, TESOL, Tourism Management

### Careers

Diplomacy, education, government, international agencies, international business, interpreter, journalism, librarian, media, music, operations administrator, tourism, translation and interpreting

\* Major requirements are under review.

## GREEK

See page 51 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 Bachelor of Commerce with Honours 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.

## 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 onto postgraduate study in Psychology or into job areas such as health promotion and health education.

## 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. 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.

Graduates will be able to work in health software or technology development for employers such as district health boards, central health agencies and the private sector. 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. Graduates will be ready to make an important contribution to health agencies in roles such as health educators, health policy advisers and health researchers. From 2019, there will be 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 biophysical, 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 issues in our communities that variably interfere with, or contribute to, health and wellbeing. It will particularly consider how the individual and the community interface, covering issues such as diversity and inequity, individual wellness in the context of community development, health psychology and communication and the built environment.

### HLWB 103

15 POINTS (1/3)

#### Introduction to Human Biology

An understanding of basic human biology and physiology forms the basis for knowing how the body functions. This course delivers an introduction to the human body, focusing on human bodily structure and processes including aspects of anatomy, physiology, pathophysiology and genetics, as well as factors that influence these. It will provide a basic understanding of how the human body functions and responds in health, injury and disease.

### 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 health policy goals and trade-offs, alternative approaches to the financing and organisation of healthcare in New Zealand and in other countries and trends in health expenditure. It will also introduce participants to key concepts and frameworks in health policy and health economics.

### HLWB 105

15 POINTS (2/3)

#### Psychological and Physical Wellbeing

This course will introduce students to the study of psychological and physical wellbeing, with a focus on biopsychosocial models of wellbeing. This course forms the foundation of the major in Health Psychology.



**COMP 102** **15 POINTS (1/3) (2/3)****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 data 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 for the Natural and Social Sciences**

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
HLWB 306	Health Promotion Practice
HLWB 307	Occupational Health Strategy
HLWB 308	Health, Illness and Disease
HLWB 309	Health Management and Leadership
HLWB 310	Māori Health Development / Hauora Māori
HLWB 311	Pasifika Health Development
HLWB 312	Integrated Care
INFO 360	Information Systems for Healthcare
SOSC 220	Sociology of Health and Illness
SWEN 325	Software Development for Mobile Platforms
SWEN 326	Safety-critical Systems

## Related subjects

Biology, Biomedical Science, Commerce, Computer Science, Cultural Anthropology, Education, Information Systems, Law, Management, Māori Studies, Network Engineering, Pasifika Studies, Psychology, Public Policy, Sociology, Software Engineering

## 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

\* *The Bachelor of Health programme is subject to approval from the Committee on University Academic Standards.*

## HEALTH INFORMATICS\*

See page 89 for major requirements.

See *Health*.

\* *Subject to approval from the Committee on University Academic Standards.*

## HEALTH PROMOTION\*

See page 89 for major requirements.

See *Health*.

\* *Subject to approval from the Committee on University Academic Standards.*

## HEALTH PSYCHOLOGY\*

See page 89 for major requirements.

See *Health*.

\* *Subject to approval from the Committee on University Academic Standards.*

## HEALTH SOFTWARE DEVELOPMENT\*

See page 89 for major requirements.

See *Health*.

\* *Subject to approval from the Committee on University Academic Standards.*

## HISTORY

See page 51 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 at Victoria 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 racism, of slavery and of human rights; of dissenting traditions in China and Europe; of colonialisms and nationalisms; and the role of the media, especially film, in the creation and representation of history.

## First-year courses

**HIST 111**

**20 POINTS**

**Colonial Encounters: Pacific Experiences**

*Not offered in 2018.*

**HIST 112**

**20 POINTS (1/3)**

**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**

**20 POINTS**

**Revolutions, Empires and Peoples: The Americas, 1600–1965**

*Not offered in 2018.*

**HIST 118**

**20 POINTS (2/3)**

**The Birth of Modern Europe**

How do Europe's historical upheavals and contradictions inform our contemporary notions of modernity? Students will investigate the histories of the continent, and the local and global implications of Europe's path towards modernity. Demographic change, political revolution, scientific and cultural development will frame how Europeans articulated their own experiences, from the fifteenth to the twentieth century. The period is defined by the emergence of the renegotiation of the relationship between the individual, God and the State, by the establishment and demise of empires, by the Enlightenment and the French Revolution, by the rise of nationalism and internationalism.

**HIST 121**

**20 POINTS (1/3)**

**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  
Mobilising the Masses: Propaganda in Europe in the Age of Catastrophe

**HIST 208**

Revolutionary Nation: Creating the United States, 1776–1890

**HIST 215**

USA and Global Power, 1890 to present

**HIST 217**

Pacific Histories: Environments, Peoples and Empires

**HIST 219**

Australian History

**HIST 222**

Māori and Pākehā in the Nineteenth Century World

**HIST 227**

HIST 230	Gandhi, India and the World
HIST 232	The Worlds of Christopher Columbus
HIST 236	Race and Racism in Modern European History
HIST 238	From Fascism to Forza Italia: A Cultural History of Italy, 1922–2000
HIST 245	Peoples of the Soviet Empire
HIST 248	History of the German-Speaking Peoples
HIST 249	New Zealand Political History
HIST 250	The Terrible Wonder of Modernity: The World Re-made, c1880s–1930s

## 300-level courses

HIST 301	Early Modern Science: Possessing Nature's Secrets
HIST 302	Contesting Colonialism: The British Empire and the Settler Colonies
HIST 312	Working Lives in New Zealand
HIST 315	Media and the Modern USA: From Watergate to Obama Nation
HIST 316	New Zealand Social History
HIST 317	New Zealand History
HIST 321	International History: The Cold War World, 1945–1991
HIST 323	Ngā Tuhinga a Ngā Tūpuna: Māori Text and Context in 19th Century World
HIST 331	The Transatlantic Slave Trade
HIST 332	The Holocaust and Genocide
HIST 334	World War One: Social and Cultural Perspectives on 1914–1918
HIST 336	The Pacific Islands after 1945
HIST 338	Prelude to Peace: Displaced Persons and Refugees in Post-war Europe
HIST 339	History on Film/Film on History

## Related subjects

Art History, Classics, Cultural Anthropology, Development Studies, English Literature, Law, Modern Language Studies, Philosophy, Political Science, Religious Studies, Sociology

## Careers

Advertising, archivist, conservator, curator, government, historian, journalist, marketing, museums, policy analyst, project coordinator, research facilitator, researcher, teacher, tourism

# HUMAN RESOURCE MANAGEMENT AND INDUSTRIAL RELATIONS

See page 66 for major requirements.

The most important part of any business is the people who make that business work. Victoria's major in Human Resource Management and Industrial Relations (HRIR) recognises this the same way the modern 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 simply take some courses within a BTM 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 modern employers.

## 200-level course

HRIR 201	Managing Human Resources and Industrial Relations
----------	---

## 300-level courses

HRIR 302	Managing Employment Agreements
HRIR 303	International Employment Relations
HRIR 304	Workplace Industrial Relations
HRIR 305	Employee Recruitment and Selection
HRIR 306	Remuneration and Performance Management
HRIR 307	Human Resource Development
HRIR 320	Strategic Issues in HRIR

## Related subjects

Accounting, Cultural Anthropology, Economics, Information Systems, Law, Management, Marketing, Psychology, Sociology, Tourism Management

## Careers

Employment relations adviser, EEO practitioner, HR 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

**FHSS 103**

**20 POINTS (1/3) (3/3)**

### 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 Bachelor of Arts degree.

## Careers

See page 49 of the Bachelor of Arts degree pages.

# INDUSTRIAL DESIGN

See page 72 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.

At Victoria, 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 (MDI) 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. It 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 is optional for Industrial Design students. All Industrial Design students can complete specialisations within their major if they choose to.

## Related minors with possible careers

Minor subject	Careers
Computer Science	Interaction designer, design of robotics and physical interactions, CAD, digital prototyping designer
Cultural Anthropology	Design analyst, exhibition designer, curator for museum/cultural institutions
Film	Film prop and set designer
Management	Design manager, design retail store manager/owner
Marketing	Design consultant, product designer, advertising industry/in-house design promoter
Media Design	Interaction designer, design of physical interactions
Media Studies	Advertising industry/in-house design promoter
Psychology	User experience expert, usability designer

## Courses

See Bachelor of Design Innovation, pages 131–132, for BDI courses, course descriptions and points values.

## Related subjects

Marketing, Management, Engineering, Computer Science, Design for Social Innovation<sup>^</sup>, Information Technology, Natural Science, Media Design, Social Science, Cultural Science, Philosophy

## Careers

Industrial designer/product designer, expert in digital prototyping, CAD expert, design engineer, exhibition designer, design consultant, interaction designer (physical interactions)

<sup>^</sup> Name subject to approval.

## INFORMATION SYSTEMS

See page 66 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. Then you can 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

## 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 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

Information Technology, Management, Marketing, Project Management, Software Engineering

## Careers

Business analyst, systems tester, IT consultant, internet developer, IT design analyst, systems analyst, website administrator, IT trainer

## INTERACTION DESIGN\*

*See page 73 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<sup>^</sup>. You'll have the opportunity to combine your knowledge with courses from other schools and faculties at Victoria.

Within the Interaction Design major, students can choose to specialise in Design for Healthcare or Web Design.

## Related subjects

Computer Graphics, Computer Science, Design for Social Innovation<sup>^</sup>, Electronic and Computer Systems, Engineering, Film, Industrial Design, Information Technology, Marketing, Media Design, Media Studies, Music, Software Engineering

## 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.

*\* Subject to approval from the Committee on University Academic Programmes.*

*<sup>^</sup> Name subject to approval.*

## INTERIOR ARCHITECTURE

*See page 45 for major requirements.*

Studying Interior Architecture at Victoria 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.

Students 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 119, for BAS and BBS 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 66 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 205	SME Internationalisation
IBUS 212	International Management

## 300-level courses

IBUS 305	Dynamic Strategy and Structures in International Business
IBUS 306	Experiencing Management Across Cultures
IBUS 309	Negotiating Across Borders
IBUS 312	Managing and Communicating Across Cultures

With approval, students can choose an elective that has an international focus from other majors.

## Related subjects

Computer Science, Economics, Finance, Human Resource Management and Industrial Relations, International Relations, Management, Marketing, Tourism Management

## Careers

Business analyst, business development, business owner, client information officer, export and import, foreign exchange, marketing, market researcher, organisational development coordinator, policy analyst, product manager, service industries, tourism

## INTERNATIONAL RELATIONS

See page 51 for major requirements.

See *Political Science and International Relations*.

## ITALIAN\*

See page 51 for major requirements.

Victoria 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 Embassy of Italy, 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 114 20 POINTS (1/3)

#### Introduction to the Italian Language

This course for beginners provides an introduction to the Italian language through practice in listening, speaking, reading and writing. Reading and audio-visual materials illustrate the Italian way of life.

This course is for absolute beginners in line with level A1 of the Common European Framework of Reference for Languages and may not be taken by students with a prior knowledge of the language.

(X) Prior knowledge as determined by the programme director.

### ITAL 115

**20 POINTS (2/3)**

#### Elementary Italian

This is not a course for beginners, but for students who have completed ITAL 114 or who can demonstrate an equivalent knowledge of Italian. The course builds on the skills developed in ITAL 114, with greater emphasis on written and oral expression. Materials used in class provide further insights into Italian life. (P) ITAL 114.

## 200-level courses

ITAL 215	Italian Language 2A
ITAL 216	Italian Language 2B
FHSS 210	Language Study Abroad

## 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

Architecture, Art History, Classical Studies, History, International Business, International Relations, Language and Culture Studies, Law, Linguistics, Modern Language Studies, Music, TESOL, Tourism Management, Translation Studies

## Careers

Diplomacy, education, government, international agencies, international business, interpreter, journalism, librarian, media, music, policy analyst, tourism, translation and interpreting

\* Major requirements are under review.

## JAPANESE\*

See page 51 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, 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.

We offer many opportunities for exchanges with prestigious Japanese universities. Exchange students may be eligible for financial support through scholarships. A BA in Japanese at Victoria offers a bright future as Japanese is a key language for trade. Graduates of our programme have been employed in areas including 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.

## JAPA 113

20 POINTS

### Introduction to Japanese Culture and Society

Not offered in 2018.

## 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

Asian Studies, English Literature, International Business, International Relations, Language and Culture Studies, Linguistics, Modern Language Studies, Religious Studies, TESOL, Tourism, Tourism Management

## Careers

Anime artist, banking, civil service, diplomacy, education, government, hospitality, international business, international law, journalism, librarian, marketing, tourism management, translation and interpreting

\* Major requirements are under review.

## JAZZ

See Music.

## LANDSCAPE ARCHITECTURE

See page 45 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.

At Victoria, 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 119, for BAS and BBS 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

## LANGUAGE AND CULTURE STUDIES

Explore the world without leaving Wellington!

The multi-disciplinary 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

Architecture and Design, Art History, Asian Studies, Chinese, Classical Studies, Cultural Anthropology, Development Studies, English Literature, Film, Geography, History, International Business, International Relations, Japanese, Law, Linguistics, Māori Studies, Media Studies, Modern Language Studies, Museum and Heritage Studies, Music, Pacific Studies, Philosophy, Political Science, Psychology, Religious Studies, Samoan Studies, Sociology, TESOL, Tourism, Tourism Management

## 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 52 for major requirements.  
See *Classical Studies*.

## LAW

See page 93 for degree requirements.

Victoria'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 from Victoria 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

## Related subjects

Commercial Law, Criminology, Economics, History, Human Resource Management and Industrial Relations, International Relations, Management, Media Studies, Philosophy, Political Science, Public Policy, Social Policy

## Careers

Barrister and solicitor, Crown prosecutor, corporate lawyer, criminal lawyer, diplomacy, employment consultant, family lawyer, government policy adviser, in-house legal adviser, journalist, legal publisher, management consultant, trade unionist

## LINGUISTICS

See page 52 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 at Victoria you'll learn answers to these questions, and much more.

Linguistics at Victoria's 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 67 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 sectors and explores 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 310	Competitive Advantage
MGMT 311	Knowledge Management
MGMT 312	Sustainable Operations
MGMT 313	Strategic Operations Management
MGMT 314	Operations and Services Management
MGMT 315	Systems Thinking and Modelling
MGMT 316	Decision Modelling for Managers
MGMT 317	Organisational Innovation and Change
MGMT 318	Organisational Analysis and Design
MGMT 319	Sport Management
MGMT 320	Current Issues in Management
MGMT 321	Organisations and Ethics

## Related subjects

Economics, Human Resource Management and Industrial Relations, Information Systems, Marketing, Operations Research, Psychology, Public Policy, Statistics, Tourism Management



## Careers

Banking, business analyst, communications consultant, entrepreneurial start-ups, government, insurance, management consultant, manufacturing, non-profit organisations, retailing, service industries, state-owned enterprises, tourism

## MĀORI RESOURCE MANAGEMENT

See page 52 for major requirements.

See *Māori Studies*.

## MĀORI STUDIES

See page 52 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.

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 Tīmatanga / 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 112

20 POINTS (2/3)

#### Wanawana te Tū / Māori Language 1B

This course focuses upon further developing listening, speaking, reading and writing skills in te reo Māori. There is a focus upon oral performance. Students will further develop their language proficiency by beginning to evaluate, edit and critically analyse their use of te reo Māori. They will begin to develop awareness of register and formality in te reo Māori.

*(P) MAOR 111.*

### MAOR 123

20 POINTS (1/3) (2/3)

#### Te Iwi Māori me āna Tikanga / Māori Society and Culture

This course introduces students to a broad range of Māori beliefs, concepts and structures that are important to the foundations and development of Māori society and culture. The course will cover aspects of pre-European Māori society, cultural change, present-day developments as well as visions for the future.

### MAOR 125

20 POINTS

#### Special Topic: Māori Cultural Practices for Professionals

*Not offered in 2018.*

## 200-level courses

MAOR 202	Te Pūtaiao Māori / Māori Science
MAOR 203	Te Taunaha Whenua / Mapping Whenua
MAOR 211	Tū Te Wana Wana / Māori Language 2A
MAOR 213	Te Kawa o te Marae / Marae Etiquette and Protocols
MAOR 216	Te Tiriti o Waitangi / The Treaty of Waitangi
MAOR 217	Te Puwhenuatanga o Te Moana-nui-a-Kiwa / The Peopling of Polynesia
MAOR 221	Tū Tū Te Wana / Māori Language 2B
MAOR 222	Te Aukorimihi, Te Auripomihi o te Reo / The Social and Political Development of the Māori Language

## 300-level courses

MAOR 301	Tā Te Māori Whakahaere Rauemi / Māori Resource Management
MAOR 302	Te Pumoto o te Tangata Whenua, o te Taiao / Indigenous Knowledge and Science
MAOR 308	Māori Media
MAOR 311	Tiri Te Wana Wana / Māori Language 3
MAOR 313	Ngā Tikanga Tuku Iho / Māori Customary Concepts
MAOR 316	Tōrangapū Māori / Māori Politics
MAOR 321	Te Reo Karanga, Te Reo Whaikōrero / The Language of Karanga and Whaikōrero
MAOR 322	Te Tāhū o te Reo / Topics in the Structure of Māori Language

## Related subjects

Education, Environmental Studies, History, Law, Linguistics, Media Studies, Music, Pacific Studies, Political Science, Psychology, Samoan Studies, Social Policy

## Careers

Iwi representative, journalist, librarian, museum curator, musician, policy analyst, researcher, teacher, television presenter

## MARINE BIOLOGY

See page 104 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, 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 (VUCCEL), and its own research vessels, the tri-hull *Raukawa Challenger* and three aluminium vessels, *Pipi*, *Tuatua* and the *Tipa*.

In addition to links with a host of New Zealand and international universities, the Marine Biology group has ties with industry and all the major players in the public sector of the marine industry. These include Crown research institutes such as NIWA, the Ministry of Fisheries and the Department of Conservation, all of which are located in Wellington. These varied links mean that at Victoria you will learn both how the oceans work and how humans interact with the marine environment.

Victoria 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 122, 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

Aquaculture, Crown research institutes, Department of Conservation, diving, field ecology, fundraising coordinator, Ministry of Fisheries, Ministry for the Environment, non-governmental organisations, policy analyst, researcher, statistical analyst

## MARKETING

See page 67 for major requirements.

Marketing has the ability to shape the opinions of its audiences and guide trends in the marketplace. At Victoria, 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 (eg. 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
MARK 214	Tourism Marketing

## 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 321	Retail Marketing

## Related subjects

Computer Science, Economics, International Business, Management, Statistics, Tourism Management

## Careers

Advertising, brand manager, communications manager, exporting, internet marketing and digital strategy, marketing manager, marketing planner, market researcher, product coordinator, public relations consultant, retailing, sales coordinator

## MATHEMATICS

See pages 52 and 104 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 at Victoria can take you anywhere you want to go.

Mathematics is a major in thinking clearly and independently, solving problems and communicating your answers. Victoria's 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 2017 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)
- 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 MATH 142 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 in the A level Cambridge International Examinations or a B or better in Mathematics in the AS level Cambridge International Examinations.*

*Acceptance into MATH 151 is conditional on a minimum of 4 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 251	Linear Algebra
MATH 261	Discrete Mathematics 2
MATH 277	Mathematical Statistics



## 300-level courses

MATH 301	Differential Equations
MATH 308	Geometry
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 377	Probability and Random Processes

## Related subjects

Actuarial Science, Computer Science, Economics, Engineering, Finance, Geophysics, Information Technology, Philosophy, Physics, Statistics, Teaching, Technology

## Careers

Actuary, banking, finance, government security, information technology, investment manager, meteorologist, policy analyst, research and development, teacher

## MEDIA DESIGN

See page 73 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 at Victoria. 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 at Victoria.

The BDI is a three-year programme which leads into a two-year Master of Design Innovation (MDI) 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 is optional for Media Design students.

## 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

Minor subject	Careers
Art History	Curator, exhibition designer
Computer Science	Game developer, information architect, 3D animator, motion graphics designer, special effects artist
Film	Filmmaker, mobile media developer, videographer, web broadcaster, content developer
Engineering	Experience designer, mechatronics designer, virtual interaction designer
Media Studies	Curator, media critic, TV producer
Music	Sonic artist, spatial designer, VJ designer

## Related subjects

Computer Science, Design for Social Innovation<sup>^</sup>, Electronic and Computer Systems, Engineering, Film, Industrial Design, Information Technology, Media Studies, Music

## Courses

See Design, page 131, for BDI courses, course descriptions and points values.

## Careers

Content developer, creative director, 3D artist, filmmaker, video designer, special effects artist, game developer, information architect, interaction designer, motion graphics designer, experience designer

<sup>^</sup> Name subject to approval.

## MEDIA STUDIES

See page 52 for major requirements.

A Bachelor of Arts (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, 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

**MDIA 101** **20 POINTS**

**Media: Texts and Images**

*Not offered in 2018.*

**MDIA 102** **20 POINTS (2/3)**

**Media, Society and Politics**

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.

**MDIA 103** **20 POINTS (1/3)**

**Popular Media Culture**

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.

**MDIA 104** **20 POINTS (3/3)**

**Social and Interactive Media**

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.

## 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

## 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

Advertising, broadcasting, communications, communications adviser, copywriter, journalist, librarian, marketing, media assistant, news editor, press secretary, public relations, reviewer/critic, teacher

## MODERN LANGUAGE STUDIES\*

*See page 52 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 at Victoria 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 Victoria's 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, International Relations, Language and Culture Studies, Linguistics, Māori Studies, Media Studies, Pacific Studies, Samoan Studies, TESOL

## Careers

Banking, external relations, government, international agencies, international business, interpreter, journalist, librarian, teacher, technical translator, tourism

*\* Major requirements are under review.*

## MUSIC\*

See pages 52 (BA) and 97–98 (BMus) for major requirements.

The BMus at Victoria 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 Bachelor of Music (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.

**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.

**Composition (Instrumental/Vocal or Sonic Arts)** offers a diverse range of courses and creative experiences, including composing for jazz and classical instruments/voices, film scoring, recording/production/mastering, software development for musical applications, live electronic music and multichannel sound design. There are two pathways through which students can complete the Composition major: Instrumental/Vocal Composition (music composed for performers through a fully-notated score) and Sonic Arts (the creative exploration of sound through the medium of music technology). Students may opt to take just one of these pathways, or combine both specialisations for the broadest possible experience.

**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.

### 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 105

20 POINTS (1/3)

#### Music Now: Understanding Music through the Lens of the 20th–21st Centuries

A study of the range of musical experiences that define contemporary musical consciousness, from development in art, popular and world musics across the twentieth and twenty-first centuries, to the changing role of performers and performance. Historical, critical and ethnographic approaches will be introduced.

### MUSC 120

20 POINTS (3/3)

#### Ragtime to Rap: Introduction to Popular Musics

An introduction to the study of popular musics in the twentieth and twenty-first centuries considering a range of musical genres and styles with historical roots in America and their global development, including within New Zealand cultural contexts.

### MUSC 125

20 POINTS (2/3)

#### Introduction to Jazz

Study of the cultural roots of jazz music, the political and social contexts in which it flourished and the ongoing musical practices called jazz in the twenty-first century.

### MUSC 130

20 POINTS (2/3)

#### Hildegard to Avant Garde: Introduction to Western Art Music

In this chronological survey of Western art music, students study some of the most famous musical works ever written, and are introduced to the key historical, cultural, social and stylistic developments in the Western art music tradition. Students also learn to think critically about how music reflects, shapes and fits into the major philosophical, religious, political and aesthetic movements and values of its time. No previous training in, or knowledge of, music is required.

### MUSC 150

20 POINTS (1/3)

#### Music in Global Contexts

An introduction to music in world cultures. A survey of examples from the Pacific, Asia, Africa and the Americas that examines music within its cultural context, and an introduction to the study of ethnomusicology.

### MUSC 160

20 POINTS (3/3)

#### Introduction to Music Theory and Musicianship

An introduction to fundamental written skills in music and to basic forms used in Western music, including introduction to the keyboard and practice in aural perception.

### MUSC 164

20 POINTS (1/3)

#### Jazz Theory 1

Development of theoretical knowledge and skills for improvisation, composition, transcription, transposition and analysis.  
(P) Approved theory qualification or entrance test or B or better in MUSC 160.

### MUSC 166

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.



<b>MUSC 167</b> <b>Music Theory and Musicianship 2</b> Study in the recognition of common practice tonal music procedures and their application, including training in analysis of basic repertoire and conventional forms, melodic and rhythmic dictation, aural perception and keyboard skills. (P) MUSC 166.	<b>20 POINTS (2/3)</b>	<b>PERF 121</b> <b>Jazz Improvisation 1</b> Development of the knowledge and skills required for competent jazz improvisation using standard jazz language. (P) Audition; (C) MUSC 164.	<b>15 POINTS (1+2/3)</b>
--	------------------------	--	--------------------------

## Music: Composition: First-year courses

<b>CMPO 101</b> <b>Introduction to Composition and Sonic Arts</b> An introduction to key techniques and concepts in instrumental/vocal composition and sonic arts. Students apply and learn these skills through a series of short compositions and sound-based works. Some knowledge of musical notation and music theory is required. (P) Approved theory qualification or entrance test or B or better in MUSC 160.	<b>15 POINTS (2/3)</b>	<b>PERF 122</b> <b>Jazz Ensemble 1</b> 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.	<b>15 POINTS (1+2/3)</b>
<b>CMPO 130</b> <b>Instrumentation</b> 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.	<b>15 POINTS (1/3)</b>	<b>PERF 123</b> <b>Fusion Ensemble</b> Development of practical skills for jazz-rock fusion ensemble playing, and of knowledge of jazz-rock fusion repertoire. (P) Audition.	<b>10 POINTS (1/3)</b>
<b>CMPO 185</b> <b>Beginning Digital Music Coding</b> An introduction to the fundamental concepts of software development for computer music applications. Students will gain familiarity with the basic coding practices that will enable them to build mobile and online applications that generate or process sound, for use in the disciplines of interactive game audio, digital signal processing, audio effects development, web sound and sound art. No computer programming experience is required. (X) CMPO 181.	<b>15 POINTS (2/3)</b>	<b>PERF 130</b> <b>Classical Performance 1</b> 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.	<b>30 POINTS (1+2/3)</b>
<b>CMPO 186</b> <b>Recording, Production and Sound Design</b> An introduction to the fundamental skills in recording, producing and designing sound. Students will learn a range of basic music technology skills that can be used in disciplines such as live sound, studio recording, sound engineering, soundtrack design and game audio. (X) CMPO 181.	<b>15 POINTS (1/3)</b>	<b>PERF 132</b> <b>Accompanying 1</b> 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.	<b>10 POINTS (1+2/3)</b>
		<b>PERF 133</b> <b>Small Ensemble 1</b> An introduction to the preparation and presentation of music for small ensembles. (P) Audition.	<b>10 POINTS (1+2/3)</b>
		<b>PERF 134</b> <b>Large Ensemble 1</b> Preparation and presentation of repertoire for a large ensemble appropriate to the student's instrument. (P) Audition.	<b>10 POINTS (1+2/3)</b>
		<b>PERF 136</b> <b>Diction and Language 1</b> 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.	<b>10 POINTS (1+2/3)</b>

## Music: Performance: First-year courses

<b>PERF 103</b> <b>Performance Second Study 1</b> 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.	<b>15 POINTS (1+2/3)</b>		
--	--------------------------	--	--

<b>PERF 120</b> <b>Jazz Performance 1</b> 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.	<b>30 POINTS (1+2/3)</b>	<b>PERF 151</b> <b>Māori Music Performance</b> Introductory performance study of Māori music with an understanding of the cultural contexts. (X) MUSC 151.	<b>15 POINTS (2/3)</b>
--	--------------------------	---	------------------------

## 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 347	Topic in New Zealand Music: Western Art Music in New Zealand, 1841–1947: Traditions and Transculturation
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: Digital Orchestration 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 230	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, broadcasting, composer, librarian, media, music therapist, music producer, musician, publishing, teacher

*\* Major requirements are under review.*

## NETWORK ENGINEERING

See page 82 for major requirements.

See Engineering.

## NEW ZEALAND SIGN LANGUAGE STUDIES

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 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.

Victoria caters 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 20 POINTS (1/3)

#### Introduction to New Zealand Sign Language

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 20 POINTS (2/3)

#### Elementary New Zealand Sign Language

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

Interpreter, policy analysis, research, social services, social work, teaching

## PACIFIC STUDIES

See page 52 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. Through Pacific Studies, you will learn how we are all people of the Pacific.

## First-year course

### PASI 101

20 POINTS (1/3)

#### The Pacific Heritage

This is a survey course on a range of Pacific nations, covering socio-cultural, geographical, economic and historical issues including indigenous perspectives.

## 200-level courses

ARTH 214	Art in the Pacific
CREW 256	Special Topic: Māori and Pasifika Creative Writing Workshop / Te Hīringa 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

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 52 for major requirements.

Philosophy at Victoria 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

20 POINTS

#### Minds, Brains and Persons

Not offered in 2018.

### PHIL 105

20 POINTS (1/3)

#### The Big Questions

This course considers some of the most difficult questions about life. Possible topics: What's the meaning of life? Does God exist? What is human nature? Are we free? Is there a single true morality? Is there life after death? Would it be good to live forever? What is happiness?

### PHIL 106

20 POINTS (2/3)

#### Contemporary Ethical Issues

An introduction to issues in applied ethics. Topics may include: the morality of the death penalty, war, cloning, abortion and euthanasia, and the moral status of non-human animals.

### PHIL 107

20 POINTS

#### Philosophy of Media and the Arts

Not offered in 2018.



**Critical Thinking**

This course provides an introduction to the theory of critical thinking. Students will learn how to evaluate arguments and weigh up the evidence in support of a conclusion. Students will also learn how to make rational decisions based on the hypotheses they come to believe after consideration of such arguments.

**200-level courses**

PHIL 201	Knowledge and Reality
PHIL 202	Ethics
PHIL 211	Introduction to Logic
PHIL 224	Philosophy of Religion
PHIL 264	Ethics and International Affairs
PHIL 265	Mind and Cognition
PHIL 267	Great Philosophers
PHIL 268	Art and Culture

**300-level courses**

PHIL 302	Ethical Theory
PHIL 303	Rights, Equality and Freedom: Contemporary Political Philosophy
PHIL 313	Philosophy of the Arts
PHIL 318	Philosophy of Science
PHIL 325	Metaphysics
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
PHIL 375	Philosophy of Law
PHIL 389	Pre-Honours Seminar
POLS 362	A Topic in Political Philosophy: Feminist Theory

**Related subjects**

Computer Science, Cultural Anthropology, English Literature, Information Systems, International Relations, Law, Linguistics, Mathematics, Media Studies, Political Science, Psychology, Sociology, Statistics

**Careers**

Advertising, communications adviser, ethics, human resources, journalist, law, market researcher, policy analyst, research analyst, research assistant, technical writer, writer

**PHYSICAL GEOGRAPHY**

See page 104 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 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****GEOG/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**

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.

**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.

**200-level core courses**

GEOG 222 Ecology and Environment

and two of:

GEOG 215	Introduction to Geographic Information Systems (GIS) and Science
GEOG 220	Hydrology and Climate
GEOG 224	Geomorphology

**300-level core courses**

GEOG 324	Research Design
GEOG 325	Field Methods

and two of:

GEOG 318	Quaternary Environmental Change
GEOG 319	Applied Geomorphology
GEOG 321	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 104 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.

Victoria's 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 (1/3)

#### Introduction to Physics for Scientists and Engineers

PHYS 122 is an introductory course suitable for Engineering and Earth Science and for other students who do not meet the entry requirements for PHYS 114 and 115. Students who obtain a pass of B+ or higher in PHYS 122 in Trimester One may be allowed to enrol in PHYS 115 in Trimester Two provided they have met the mathematics requirement.

### PHYS 131 15 POINTS (2/3)

#### 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 (1/3)

#### 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 BBS.

## 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, Technology

## Careers

Aviation, electronics, engineering, information technology, instrumentation, lab demonstrator, medical physics, meteorologist, operations researcher, research scientist, software designer, statistical analyst, teacher, traffic engineer

## POLITICAL SCIENCE AND INTERNATIONAL RELATIONS

See pages 51 and 52 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. 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 218	Politics and the Media in New Zealand
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 377	Transnational Activism and Advocacy in Global Politics
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 Political Science major, not the International Relations major.

\*\*\* Available only for students enrolled in the International Relations major, not the Political Science major.

## Related subjects

Asian Studies, Economics, Geography, History, Languages and Culture, Law, Media Studies, Pacific Studies, Philosophy, Public Policy, Social Policy, Sociology

## Careers

Broadcasting, communications adviser, government, historian, international organisations, journalist, legal and research officer, market researcher, policy analyst, politics, press secretary, public relations, researcher

## POPULATION HEALTH, POLICY AND SERVICE DELIVERY\*

See page 89 for major requirements.

See *Health*.

\* Subject to approval from the Committee on University Academic Standards.

## PSYCHOLOGY

See pages 53 and 104 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 2017–18 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

Biology, Biomedical Science, Criminology, Cultural Anthropology, Education, Human Resource Management and Industrial Relations, Law, Linguistics, Marketing, Media Studies, Social Policy, Sociology, Statistics

## 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 53 and 67 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 Public Policy, Economics or Political Science. 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

## 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

## QUAN

See *Econometrics*.

## RELIGIOUS STUDIES

See page 53 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 2018.*

**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

Community organisations, consultant, counsellor, education, government, health, journalist, policy analyst, social worker

# SAMOAN STUDIES / MATĀUPU TAU SAMOA

See page 53 for major requirements.

The Samoan Studies / Matāupu tau Samoa programme offers the opportunity to learn, practise and study Samoan language and to learn about Samoan society, history, culture, politics and literature.

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 fa'amatai (Samoa'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 / Matāupu tau Samoa 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 26 February 2018 (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 26 February 2018 (New Students' Orientation).

### SAMO 111 20 POINTS

#### Samoan Society and Culture

Not offered in 2018.

## 200-level courses

SAMO 201	Samoan 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

Art History, Cultural Anthropology, Development Studies, Education, History, Linguistics, Māori Studies, Modern Language Studies, Music, Pacific Studies, Political Science, Public Policy, Social Policy, Sociology

## Careers

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, SCIE 101, an online course that looks at a broad range of contemporary scientific concepts relevant to everyday life, is also offered.

## 100-level course

SCIE 101	Science in Everyday Life
----------	--------------------------

## 200-level courses

ESCI 201	Climate Change and New Zealand's Future
SCIE 211	Contemporary Issues in Science and Society
SCIE 212	Energy, Society and the Future

## 300-level courses

CREW 352	Creative Writing Workshop: Science Writing
SCIE 302	Special Topic: Antarctic Science and Culture
SCIE 310	Innovation and Entrepreneurship in Science
SCIE 311	Science Communication (Core course)
SCIE 312	Revolutions in Science

And other approved courses above 100 level (eg. MAOR 202, 302 or PHIL 318).

## Related subjects

All subject areas

## Careers

Business manager, entrepreneur, industrial designer, journalist, manager of international research and development, patent lawyer, public policy adviser, science communicator, science industry manager, science policy analyst

## 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 health care, 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.

(X) SPOL 111, 112; (D) PUBL 113.

## 200-level courses

SACS 201	Methods in Social and Cultural Research
SACS 202	Topic in Feminist Theory: Key Thinkers and Perspectives
SPOL 203	Special Topic: Social Policy in Times of Crisis and Change
SPOL 209	Social Policy and the Family
SPOL 220	Comparative Welfare Regimes
SOSC 221	Special Topic

## 300-level courses

SPOL 306	Special Topic: Social Inequality
SOSC 318	Social Movements and the State
SOSC 319	Knowledge, Power and Social Research

## Related subjects

Criminology, Economics, Education, Geography, History, Law, Māori Studies, Political Science, Public Policy, Sociology, Statistics

## Careers

Journalist, management consultant, market researcher, policy analyst in community or government organisations, social science researcher

## SOCIOLOGY

See page 53 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

**SOSC 111** **20 POINTS (1/3)**

### **Sociology: Foundations and Concepts**

This course provides an introduction to the foundations of sociological thought and their application and relevance to contemporary society. It explores key sociological concepts and debates, such as globalisation, inequality, risk, social movements, medicalisation and technology.

**SOSC 112** **20 POINTS (2/3)**

### **New Zealand: Sociological Perspectives**

The sociological analysis of New Zealand society.

## 200-level courses

SACS 201	Methods in Social and Cultural Research
SACS 202	Topic in Feminist Theory: Key Thinkers and Perspectives
SOSC 220	Sociology of Health and Illness
SOSC 221	Special Topic: Sociology of Emotion
SOSC 222	Investigations in the Social World
SOSC 223	Reflecting on Violence: Contexts, Ethics and Interventions
SPOL 203	Special Topic: Social Policy in Times of Crisis and Change
SPOL 220	Comparative Welfare Regimes

## 300-level courses

SOSC 304	Interpreting Society
SOSC 305	Social Organisation
SOSC 318	Social Movements and the State
SOSC 319	Knowledge, Power and Social Research
SPOL 306	Social Inequality

## Related subjects

Criminology, Cultural Anthropology, Economics, Education, Geography, History, Media Studies, Political Science, Public Policy, Social Policy, Statistics

## Careers

Community support worker, journalist, market researcher, mental health support worker, policy analyst in government, probation officer, resource manager, social science researcher, social worker, teacher, town planner, union worker

## SOFTWARE ENGINEERING

See page 83 for major requirements.

See Engineering.

## SPANISH\*

See page 53 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, Music, Psychology, Tourism and others. Spanish can also be taken as a minor.

Exchanges with universities in Argentina, Chile, Colombia, Mexico, and Spain are encouraged, especially under the arrangements for

FHSS 210 and FHSS 310. Students may also apply for teaching assistantships in Spain. We supervise many topics for MA and PhD degrees, such as contemporary Spanish and Latin American 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 the programme director.*

### 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.*

### SPAN 113 **20 POINTS**

#### Histories and Cultures of Spain and Latin America

*Not offered in 2018.*

## 200-level courses

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

Development Studies, French, German, History, International Business, International Relations, Italian, Language and Culture Studies, Law, Linguistics, Modern Language Studies, Political Science, TESOL, Tourism Management

## Careers

Banking, diplomacy, education, finance, government, international agencies, international business, international law, journalism, librarian, tourism, translation and interpreting

\* *Major requirements are under review.*

## STATISTICS

See page 104 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 for the Natural and Social Sciences

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

*^ Under review.*

## 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
STAT 392	Sample Surveys
STAT 393	Linear Models
STAT 394	Multivariate Statistics

*^ Under review.*

## Related subjects

Actuarial Science, Computer Science, Ecology and Biodiversity, Economics, Education, Engineering, Finance, Geography, Information Systems, Management, Mathematics, Psychology, Social Policy, Sociology, Teaching

## Careers

Actuary, 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

## TAXATION

See page 67 for major requirements.

The impact of taxation is a key aspect of financial and corporate decision-making. No person or business wants to pay more tax than they are legally obliged to. However, the tax system also plays an important role in ensuring a fair and decent society, through the distributional components of the system. An understanding of tax is therefore a vital component of a Commerce degree, especially in accounting. Through their work with many of the pillars of the New Zealand tax system (the Treasury, Inland Revenue and the courts) and their internationally recognised research, tax academics are able to offer a range of up-to-date taxation courses that will broaden your understanding of domestic and international taxation. A Taxation major or minor covers areas such as New Zealand personal and corporate income tax systems, GST regimes, international tax law, double tax treaties, tax policy development and tax administration practices.

### 200-level course

TAXN 201 Introduction to Taxation

### 300-level courses

TAXN 301 Advanced Domestic Taxation  
TAXN 302 Advanced Indirect Taxation  
TAXN 303 International Taxation 1  
TAXN 304 International Taxation 2  
TAXN 305 Tax Policy  
TAXN 306 Tax Administration

## Related subjects

Accounting, Commercial Law, Economics, Finance, International Business, Law, Management

## Careers

Accountant, business adviser, business development, business owner, financial planner, tax administrator, tax consultant, tax law drafter, tax policy-maker

## TE REO MĀORI

See page 53 for major requirements.

See Māori Studies.

## TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES (TESOL)

See page 53 for major requirements.

From business people wanting to trade in other countries to refugees forging new lives abroad, millions of people need to learn a second language. The teaching of a second—or third or fourth—language is a specialised skill, much in demand throughout the world. Victoria's TESOL programme is specifically designed to provide a 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

Cultural Anthropology, Education, English Literature, Linguistics, Māori Studies, Modern Language Studies, Pacific Studies, Psychology, Samoan Studies, Sociology

## Careers

Community organisations, education, foreign language teaching, government, policy analysis, resettlement work, TESOL (Teaching English to Speakers of Other Languages)

## TEXT TECHNOLOGIES

In the new knowledge economy, 'book' might be a four-letter word, but it's also an endlessly fascinating and seductive material object to study. Hold a page up to the light and read its distinctive signature, sniff the edges for the tell-tale aroma of vinegar, riffle a volume to hear the music of its binding, run your finger down the spine to expose the fake cords, taste the animal glue brushed onto the paper.

Books provide a fascinating window onto the transmission of human knowledge and the complex web of social, cultural, economic and political relationships which produce, consume and preserve them. Text Technologies situate books and printing along a continuum of communication forms, both historical and contemporary, and across many different cultures. Whether oral performance or graffiti, illuminated manuscript or born digital document, cave painting or Kindle, 'texts' broadly speaking and their material and cultural agency are at the heart of this multidisciplinary area of study.

Enhance and extend your major or minor by dipping into the world of texts and technologies and you will be amazed and astounded by the richness and complexity of those media forms we so often take for granted.

### 200-level course

TXTT 201 Print, Communication and Culture



## 300-level course

TXTT 301 Special Topic: Entangled Print Cultures, Canada in the British World

## Related subjects

Architecture History and Theory, Art History, Asian Studies, Cultural Anthropology, Design, English Literature, History, Languages and Cultures, Law, Management, Māori Studies, Media Studies, Music, Pacific Studies, Religious Studies, Sociology

## Careers

Academic, advertising, book designer, curator, historian, journalist, librarian, marketing and communications, museum and heritage organisations, paper engineer, printing and publishing, researcher, teacher

## THEATRE

See page 53 for major requirements.

Theatre at Victoria 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 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 Victoria's 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, Victoria's Theatre students and alumni feature regularly on Wellington's stages.

Victoria's 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 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, broadcasting, director, journalist, playwright, production manager, script editor, scriptwriter, stage manager, teacher, theatre and media producer

## TOURISM MANAGEMENT

See page 109 for degree requirements.

As a tourist destination, New Zealand's beauty, clean environment and friendly people attract an increasing number of visitors, especially those who wish to experience the freedom and adventure activities the country has to offer. Victoria's BTM is designed to

prepare you for a position of management and responsibility in the business of tourism. 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.

The BTM offers the specialist knowledge and practical skills sought by employers locally and around the world, and will set you up for success in the country's second largest export industry.

In addition to taking courses in Tourism Management, BTM students must choose a number of commerce courses, such as Accounting, Marketing, Human Resource Management or Economics, combined with humanities courses such as languages, History and Geography. You can also do a minor in Tourism Management for the BA, BCom or BSc degrees.

## First-year courses

### TOUR 101 **20 POINTS (1/3)** **Introduction to Tourism**

As an introductory course, TOUR 101 seeks to provide a systematic basis for exploring and understanding the complexities of tourism and the various inter-relationships that exist. An origin-linkage-destination framework is adopted and the functioning of the overall system is examined, followed in turn by each of these components: origins (patterns of demand), linkages (flows, channels of distribution, transport) and destinations (patterns and processes of development).

### TOUR 104 **20 POINTS (1/3)** **Business Environment of Tourism**

This course focuses on the need to develop a conceptual understanding of tourism in the wider context of geographic, economic, political, technological, environmental and sociocultural forces. Issues examined include: the evolving structure of tourism consumption, global economic growth, political and regulatory changes, technology advances, tourism globalisation and sustainability.

### TOUR 108 **20 POINTS (2/3)** **Tourism in New Zealand**

This course presents a systematic examination of the development of international and domestic tourism in New Zealand. The importance of tourism as a contributor to economic development is based on the analysis of primary and secondary data through practical exercises and case studies aimed at introducing and developing techniques for data collection and analysis.

## 200-level courses

TOUR 230	Visitor Management
TOUR 240	Principles of Tourism Management
TOUR 250	Managing Visitor Impacts

## 300-level courses

TOUR 301	Tourism Planning and Policy
TOUR 320	Tourism Practicum
TOUR 345	Tourist Behaviour
TOUR 380	Tourism Research
TOUR 390	Applied Tourism Management

## Related subjects

Accounting, Economics, Environmental Studies, Geography, History, Human Resource Management, Management, Marketing, Modern Language Studies, Psychology, Sociology

## Careers

Business owner, conference coordinator, consultant, ecotourism, events manager, government, hotel management, local government, marketing, 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 and Writing in English as a Second Language are first-year courses that help you improve your abilities. At second-year level, Writing for Business and Writing for Media focus on the writing and editing of professional and workplace documents.

## First-year courses

### WRIT 101 **20 POINTS (1/3) (2/3) (3/3)** **Writing at University**

This course develops the academic writing skills of students from all university disciplines. Students 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, students 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, Information Technology, Film, Linguistics, Management, Marketing, Media Studies, Public Policy, Social Policy, Theatre

## Careers

Advertising, communications, copywriter, editor, journalist, marketing, policy analyst, public relations, publishing, teacher

# SUBJECT AND COURSE INDEX

Accounting .....	118	Health Software Developemnt .....	147
Actuarial Science .....	118	History .....	147
Applied Physics .....	119	Human Resource Management and Industrial Relations .....	148
Architecture .....	119	Humanities and Social Sciences .....	148
Architecture History and Theory .....	120	Industrial Design .....	148
Art History .....	120	Information Systems .....	149
Asian Studies .....	121	Interaction Design .....	150
BA Employability .....	122	Interior Architecture .....	150
Biology .....	122	International Business .....	150
Biomedical Science .....	123	International Relations .....	151
Biotechnology .....	123	Italian .....	151
Building Science .....	123	Japanese .....	151
Cell and Molecular Bioscience .....	124	Jazz .....	152
Chemistry .....	124	Landscape Architecture .....	152
Chinese .....	125	Language and Culture Studies .....	152
Classical Performance .....	125	Latin .....	153
Classical Studies, Greek and Latin .....	126	Law .....	153
Commerce .....	127	Linguistics .....	154
Commercial Law .....	127	Management .....	154
Communication Design .....	127	Māori Resource Management .....	155
Composition .....	127	Māori Studies .....	155
Computer Graphics .....	127	Marine Biology .....	156
Computer Science .....	128	Marketing .....	156
Creative Writing .....	129	Mathematics .....	156
Criminology .....	130	Media Design .....	158
Cultural Anthropology .....	130	Media Studies .....	158
Design .....	131	Modern Language Studies .....	159
Design for Social Innovation .....	132	Music .....	160
Development Studies .....	133	Network Engineering .....	162
Early Childhood Teacher Education .....	133	New Zealand Sign Language Studies .....	162
Earth Sciences .....	134	Pacific Studies .....	163
Ecology and Biodiversity .....	134	Performance Music .....	163
Econometrics .....	134	Philosophy .....	163
Economics .....	135	Physical Geography .....	164
Education .....	135	Physics .....	164
Education and Psychology .....	136	Political Science and International Relations .....	166
Electronic and Computer Systems .....	137	Population Health, Policy and Service Delivery .....	167
Electronic and Computer Systems Engineering .....	137	Psychology .....	167
Engineering .....	137	Public Policy .....	167
English Literature .....	139	QUAN .....	168
Environmental Science .....	140	Religious Studies .....	168
Environmental Studies .....	140	Samoan Studies / Matāupu tau Samoa .....	169
FCom .....	140	Science in Context .....	169
Film .....	140	Social Policy .....	169
Finance .....	141	Sociology .....	170
French .....	141	Software Engineering .....	170
Gender and Sexuality Studies .....	142	Spanish .....	170
Geography .....	142	Statistics .....	171
Geology .....	143	Taxation .....	172
Geophysics .....	144	Te Reo Māori .....	172
German .....	144	Teaching English to Speakers of Other Languages (TESOL) .....	172
Greek .....	144	Text Technologies .....	172
Health .....	144	Theatre .....	173
Health Informatics .....	147	Tourism Management .....	173
Health Promotion .....	147	Writing (Academic and Professional) .....	174
Health Psychology .....	147		



# GLOSSARY

**(1/3):** A first-trimester course that runs from February 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 degree. You still need to gain admission to Victoria 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; and 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 26.

**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. See pages 24–31.

**faculty:** A section of a university, comprising a number of schools. Victoria 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/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 postgraduate diploma provides an alternative to Honours for graduates who wish to extend their knowledge and expertise in a subject area.

**Guaranteed Entry Score (GES):** The rank score you need to be automatically accepted into a Victoria degree. See pages 26–28.

**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 40.

**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.

**NZSM:** New Zealand School of Music.

**Offer of Study:** Victoria'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 31.

**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.

**postgraduate:** Study done at a higher level after you have completed a degree.

**prerequisite (P):** A course that must be passed before you can take another particular course.

**primary enrolment period:** For 2017, this is from 1 October 2017 to 20 January 2018. All students intending to study during Trimester One, Two or Three in 2018 should apply during this period.

**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.

**qualification assessment:** If you have qualifications from another tertiary institution or from outside New Zealand, your qualification may be assessed for admission to Victoria. See page 28.

**restricted course (X):** A course that is so similar to another course that you cannot have both counted towards your degree.

**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.

**returning student:** A student whose most recent enrolment was at Victoria.

**schedule:** A list of courses that are offered for a particular qualification. Degree schedules and full degree regulations can be found in the Victoria University *Calendar*. [www.victoria.ac.nz/calendar](http://www.victoria.ac.nz/calendar)

**Special Admission:** A form of admission. See page 29.

**specialisation:** A stream within a major.

**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.

**studio:** See 'tutorial'.

**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.

**transfer of credit:** If you have already started a degree, or have done some study at degree level (either at Victoria or at another university) you may be able to transfer some of the points you have completed into a Victoria degree. Check carefully with your Faculty Student and Academic Services Office about regulations.

**transferring student:** A student whose most recent enrolment was at another New Zealand university. Transferring students are subject to the Academic Progress Statute.

**trimester:** Victoria 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.

**tutorial:** A university class led by a tutor (teacher) where 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.

**undergraduate degree:** A Bachelor's, or first, degree.

# KEY DATES

2017	
August	Liaison officers visit schools for course planning (through to October).  1 Aug—Hall of residence applications open for 2018.
September	1 Sep—Study at Victoria Open Day.  15 Sep—Victoria Excellence and Victoria Achiever Scholarship applications due.
October	1 Oct—Online enrolment opens.  1 Oct—Halls of residence applications due.
November	1 Nov—Application due date for courses in 2017/18 Trimester Three, including Discretionary Entrance applications for Trimester Three courses starting in November/December 2017.  20 Nov—Trimester Three begins.
December	1 Dec—International students' first-year applications due for March 2018 intake.  1 Dec—Deadline for limited-entry courses and limited-entry programmes (not applicable to school leavers).  10 Dec—School leavers should apply to enrol by this date to ensure a place in their preferred courses.  10 Dec—Applications due for Discretionary Entrance for Trimester Three courses starting in January 2018.

2018	
January	20 Jan—Enrolment applications due.
February	16 Feb—Application due date for all 2018 Discretionary Entrance applications. Any applications accepted after this date may be waitlisted and subject to a late application fee.  19–23 Feb—International Students' Orientation. Check your offer letter for specific dates.  26 Feb— <i>New Students' Orientation Week</i> (through to 2 Mar).
March	2 Mar—Due date for payment of fees for the majority of courses.  5 Mar—Trimester One begins.  16 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>
July	16 Jul—Trimester Two begins.  27 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>
October	19 Oct—Lectures cease for all courses.
November	17 Nov—Examinations end.  19 Nov—Trimester Three begins.



# PLAN YOUR FIRST YEAR

First degree

Major(s) (Minor(s))

Second degree

Major(s) (Minor(s))

Trimester One (1/3) March–July		Trimester Two (2/3) July–October	
Course	Points	Course	Points
Total points		Total points	
Summer Trimester (3/3) November–February (optional for most students)			
Course	Points	Course	Points

## COURSE PLANNING TIPS

- Check the requirements for your degrees, majors and minors from page 38.
- Choose your courses from page 115.
- 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 Form B–Timetable template) and check for timetable clashes using the course finder.

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

## NEED HELP WITH COURSE PLANNING?

Contact Student Recruitment and Orientation.  
0800 VICTORIA (842 867) | [course-advice@vuw.ac.nz](mailto:course-advice@vuw.ac.nz)



# PLAN YOUR TIMETABLE

- 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.
- 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 [www.myvictoria.ac.nz](http://www.myvictoria.ac.nz) to check your personal timetable.

## Trimester One (1/3)

	Monday	Tuesday	Wednesday	Thursday	Friday
8–9am					
9–10am					
10–11am					
11am–12 noon					
12 noon–1pm					
1–2pm					
2–3pm					
3–4pm					
4–5pm					
5–6pm					
6–7pm					

## Trimester Two (2/3)

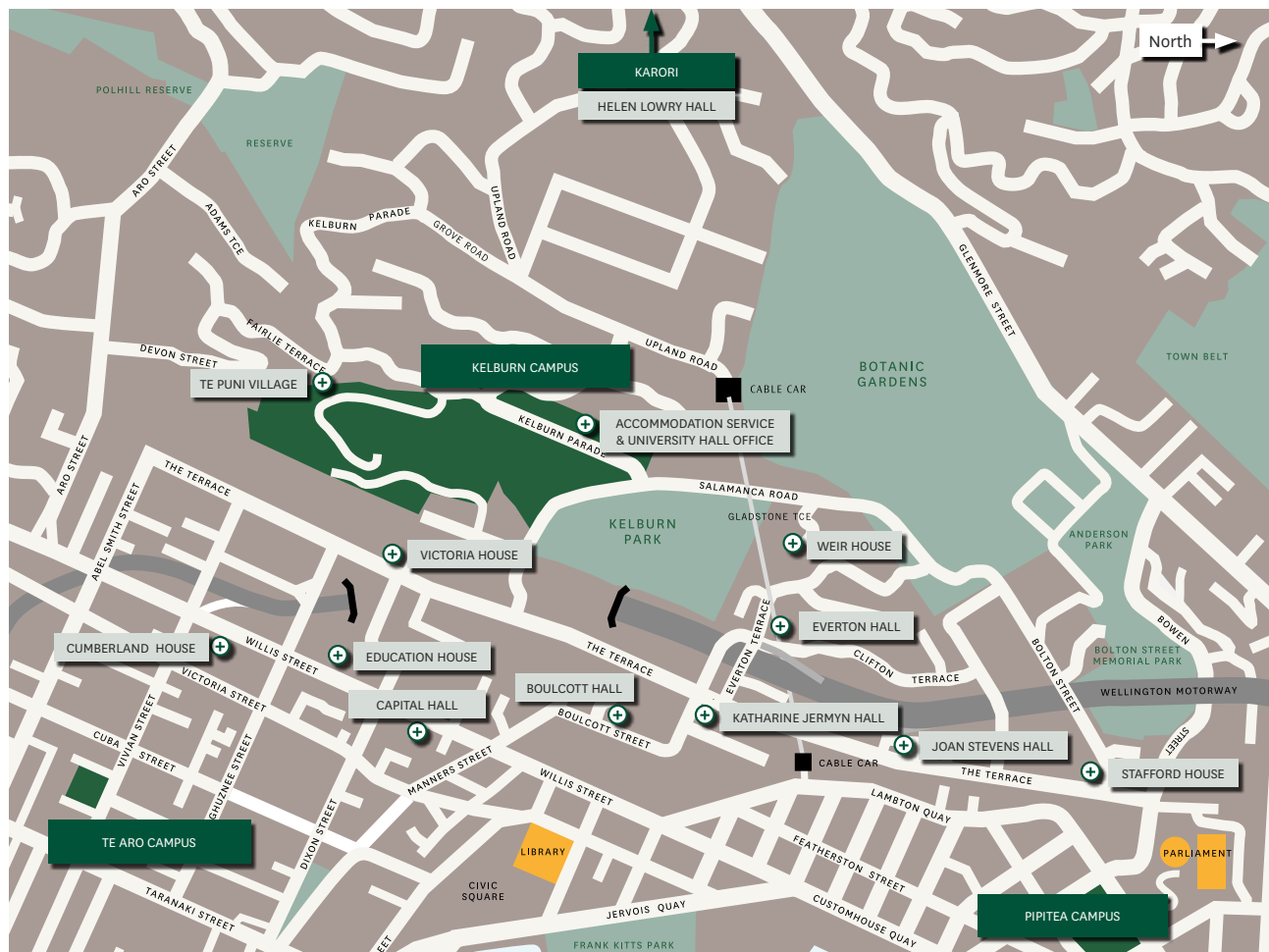
	Monday	Tuesday	Wednesday	Thursday	Friday
8–9am					
9–10am					
10–11am					
11am–12 noon					
12 noon–1pm					
1–2pm					
2–3pm					
3–4pm					
4–5pm					
5–6pm					
6–7pm					



Timetable showing time slots for Pipitea and Te Aro campuses.

	Monday	Tuesday	Wednesday	Thursday	Friday
8am					
8.30am					
9am					
9.30am					
10am					
10.30am					
11am					
11.30am					
12 noon					
12.30pm					
1pm					
1.30pm					
2pm					
2.30pm					
3pm					
3.30pm					
4pm					
4.30pm					
5pm					
5.30pm					
6pm					
6.30pm					

# VICTORIA'S CAMPUSES AND HALLS



## CONNECT WITH US

The Student Recruitment and Orientation team offers expert advice on coming to Victoria, choosing your subjects and planning your degree. Contact us with any questions you have about planning your study.

### GET COURSE ADVICE

Attend a Victoria course planning session at your school—we visit most schools in Term 3 or Term 4.

Make an appointment for help with course planning at our offices in Wellington and Auckland. We can also answer your questions by phone, email or Skype.

### TAKE A CAMPUS TOUR

Go on a tour of Kelburn campus. Tours run on Mondays and Fridays at 11am and Fridays at 11am and 3pm during school terms, with an extra tour on Wednesdays during school holidays. Book online or call 0800 VICTORIA (842 867).

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

### COME TO OPEN DAY

Head along to Study at Victoria Open Day on 1 September 2017. Check out our subjects, campuses and accommodation, and meet our students and staff.

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

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

### FIND US ON FACEBOOK

Follow our 'Future Students' page on Facebook and stay in the loop about important dates and information and get handy tips about preparing for university study.

[www.facebook.com/vuwfuturestudents](https://www.facebook.com/vuwfuturestudents)

### GET IN TOUCH

Student Recruitment and Orientation

Phone 0800 VICTORIA (842 867)

Email [course-advice@vuw.ac.nz](mailto:course-advice@vuw.ac.nz)

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

**KNOW WHAT  
YOU STAND FOR.  
KNOW WHERE  
YOUR PASSIONS LIE.  
KNOW YOUR  
NEXT MOVE.**

**KNOW YOUR MIND  
MĀ TE MŌHIO**



VICTORIA INFO IHONUI

0800 VICTORIA (842 867) | [info@victoria.ac.nz](mailto:info@victoria.ac.nz) | [www.victoria.ac.nz/futurestudents](http://www.victoria.ac.nz/futurestudents)