

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 34), 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, Admission 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

- All courses and majors marked with † are subject to approval.
- 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
- Limited-entry courses have an application deadline of **10 December 2015**. 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
- The most up-to-date information on courses can be found in the course finder at www.victoria.ac.nz/courses

From October 2015, you can check 2016 courses on the course finder to find the following information:

- timetables and streams for courses
- room allocations/lecture theatres
- course descriptions
- course coordinators
- 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

CONTACT US

The Student Recruitment, Admission and Orientation team is here to help. We have offices in Auckland and Wellington.

STUDENT RECRUITMENT, ADMISSION AND ORIENTATION | Level 1, Hunter Building, Kelburn Campus
0800 VICTORIA (842 867) | course-advice@vuw.ac.nz

STUDENT RECRUITMENT, ADMISSION AND ORIENTATION—AUCKLAND | Level 4, the Chancery, 50 Kitchener Street, Auckland
0800 VICTORIA (842 867) | vicuni-auckland@vuw.ac.nz

Subject codes

Code	Subject
ACCY	Accounting
ACTS	Actuarial Science
ANTH	Cultural Anthropology
ARCI	Architecture
ARTH	Art History
ASIA	Asian Studies
BILD	Building Science
BIOL	Biological Sciences
BMSC	Biomedical Science
BTEC	Biotechnology
CCDN	Culture+Context Design
CHEM	Chemistry
CHIN	Chinese
CLAS	Classical Studies
CMPO	Composition
COML	Commercial Law
COMP	Computer Science
CREW	Creative Writing
CRIM	Criminology
CSCG [†]	Computer Graphics
DSDN	Design
ECON	Economics
ECEN	Electronic and Computer Systems Engineering
EDUC	Education
ENGL	English Literature
ENGR	Engineering
ENSC	Environmental Science
ENVI	Environmental Studies
ESCI	Earth Sciences
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
HIST	History
HRIR	Human Resource Management and Industrial Relations
IBUS	International Business
INDN	Industrial Design
INFO	Information Systems
INTA	Interior Architecture
INTP	International Relations
ITAL	Italian
JAPA	Japanese
LAND	Landscape Architecture
LATI	Latin
LAWS	Law
LING	Linguistics
MAOR	Māori Studies
MARK	Marketing
MATH	Mathematics
MDDN	Media Design

Code	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
PHYS	Physics
POLS	Political Science
PSYC	Psychology
PUBL	Public Policy
QUAN	Econometrics
RELI	Religious Studies
SACS	Social and Cultural Studies
SAMO	Samoan Studies / Fa'asāmoa
SARC	Architectural Studies
SCIE	Science in Context
SOSC	Sociology
SPAN	Spanish
SPOL	Social Policy
STAT	Statistics
SWEN	Software Engineering
TAXN	Taxation
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.

ACCOUNTING

See page 68 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 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 001 **0 POINTS (1/3) (2/3) (3/3)**

Bookkeeping

Taken concurrently with ACCY 111. An examination of the principles and practice of bookkeeping.

ACCY 111 **15 POINTS (1/3) (2/3)**

Accounting

The preparation, use and analysis of internal and external accounting information.

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 68 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 situations.

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

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 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, page 167.

ARCHITECTURE

See page 39 for specialisation 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 BBSc courses

Refer to pages 38–43 (BAS) and 60–65 (BBSc) for information on the core courses for each specialisation.

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 three-dimensional 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 three-dimensional 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 252	Building Heritage Conservation
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 232	Sustainable Architecture
SARC 251	History of Building Technology
SARC 252	Building Heritage Conservation
SARC 261	Communication
SARC 262	Building Project Management Cost Planning

^Courses are only available 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 331	Sustainable and Regenerative Design
SARC 351	Urban Design Theory and Practice
SARC 352	Pacific Designed Environments
SARC 354	Interior Heritage Conservation
SARC 361	Project Management
SARC 362	Introduction to Practice and Management
SARC 363	Digital Representation and Documentation
SARC 364	Building Code Compliance
SARC 365	Drawing
SARC 387	Independent Study

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

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 39 for specialisation requirements.

Architecture History and Theory sets its focus wider than the professionally orientated Architecture specialisation 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 specialisation 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 125, for BAS and BBSc 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 46 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 15th century

until now. The programme has specialists in historical and contemporary New Zealand and Pacific art, European art, art in the 20th and 21st 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 17th 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 (1/3)

Thinking through Art

Key works from the history of art are examined in detail to explore their nature and history and to explain the methods art historians have developed for their study. Students will be introduced to the procedures of stylistic, iconographic and contextual analysis and to the nature and range of literature surrounding a particular work of art. They will be given insights into the processes by which an art object is accorded value and granted significance both by art history and through its circulation in culture at large.

ARTH 114 20 POINTS (2/3)

Art and Encounter

Focused on key episodes of cross-cultural encounter from throughout the history of art, this course introduces students to questions of difference and continuity through consideration of significant artworks and practices. The course incorporates aspects of New Zealand, Māori and Pacific art into a broader history of contact and exchange.

(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
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 46 for major requirements.

Asia is the wellspring of many of the world's richest and most enduring civilisations. More than half of humankind lives in Asia. How do you begin to learn more about Chinese cinema, Gandhi and non-violence, Islam in Indonesia, K-pop, NZ-ASEAN relations, Japanese manga, doing business in Hong Kong, colonialism and communism?

Victoria's Asian Studies major gives you the scope and flexibility to combine everything from political science to music in one degree. You start with a broad course in the first year that explores the complexities of New Zealand's engagement with 'Asia' from a variety of disciplinary perspectives.

Asia is undergoing unprecedented economic and social transformation and our relationships with the region require sophisticated levels of knowledge and understanding. Prepare yourself for the new global reality with this flexible and contemporary major.

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
CHIN 112	Introduction to Chinese Civilisation
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, see the School of Languages and Cultures website.

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

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 introductory account of plant structure and functions and a comparative study of the variety and diversity of plants, how to recognise them, their relations with the environment and with each other and their relevance to humanity and its needs.	

BIOL 114	15 POINTS (1/3)
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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.

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 234	Special Topic
BIOL 236	Environmental Microbiology
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 325	Global Change Biology
BIOL 327	Population and Community Ecology
BIOL 328	Behaviour and Conservation Ecology
BIOL 329	Evolution
BIOL 336	Special Topic
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 55 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 diseases. It covers the whole of a 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 234	Special Topic in Biomedical Science
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*, page 128.

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 booming 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
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300-level course

BTEC 301	Biotechnological Techniques and Processes
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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 BBS is a three-year programme leading into a two-year Master of Building Science (MBS) 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 will specialise 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 MBS program.

Courses

See Architecture, page 125, 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 page 102 for major requirements.

See Biology, page 128.

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 is a truly relevant area of study for economies like New Zealand's.

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. AS91390 (*Thermochemistry and Structure and Bonding*)
2. AS91391 (*Organic Chemistry*)
3. AS91392 (*Equilibria in Aqueous Systems*)

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 46 for major requirements.

The Chinese language is used by one-fifth of the world's population in mainland China, Taiwan, Hong Kong and other parts of the world. In the 21st century, Chinese language competence and knowledge of the Chinese-speaking world entail access to a major global civilisation, transnational economies and a country with enormous significance in international trade and politics.

Our teaching concentrates on two major areas: language and culture. We teach Modern Standard Chinese and its standard form of speech, Putonghua (Mandarin), with an emphasis on equipping students with both written and oral communication skills. The programme caters for students with or without previous exposure to Chinese and students are enrolled at different levels to maximise the outcome of their learning experiences. Students also have the opportunity to study Chinese in China or Taiwan as part of their degree.

Students can major in Chinese or take Chinese courses as part of a BA major in Modern Language Studies or, in conjunction with courses in Asian Studies, History, Geography or in Commerce and Law.

Check www.victoria.ac.nz/courses for 200- and 300-level prerequisites.

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) CHIN 111, 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 (X) CHIN 111

CHIN 112**20 POINTS (1/3)****Introduction to Chinese Civilisation**

This is a survey course introducing some of the *salient* features of Chinese civilisation from prehistoric times to the present century. Topics include literature, thought and scholarship, religious beliefs, art and the cultural and social achievements of the main dynasties.

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	Study Abroad for Language Students

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, Law, Language and Culture Studies, Linguistics, Modern Language Studies, TESOL

Careers

Diplomacy, government, international business, journalism, librarianship, marketing, media, education, tourism, translation and interpreting

CLASSICAL STUDIES, GREEK AND LATIN

See page 46 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 21st 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 (2/3)**

Greek Art: Myth and Culture

A survey of the development of Greek art and architecture, and what it tells us about the myths, lives and beliefs of the culture that produced it, from the Dark Ages to the end of the Hellenistic period. Illustrated with slides and with reference to Classics' own collection of Greek pottery.

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 (2/3)**

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 (1/3)**

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) (3/3)**

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) (3/3)**

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
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 308	Greek Social History
CLAS 309	Bronze Age Aegean Art and Archaeology
CLAS 310	Greek and Roman Epic
CLAS 311	Myth and Storytelling
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

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 68 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

A general introduction to the legal issues encountered by business enterprises including the formation and management of business entities, employment law, intellectual property and fair trading, anti-competitive trade practices, issues in tax law and the law relating to electronic commerce.

Unlikely to be offered in 2016.

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

COMPUTER GRAPHICS[‡]

See page 102 for major requirements.

Victoria's School of Engineering and Computer Science and School of Design enjoy significant collaborations with the computer graphics industry in Wellington and around the world. In 2016 (subject to final approval), the two Schools are planning to offer undergraduate programmes in Computer Graphics within the Bachelor of Science (BSc) and the Bachelor of Design Innovation (BDI).

The new Computer Graphics programmes will be an opportunity to combine courses from both Schools, targeting a growing, exciting industry with very strong local connections. Students interested in these programmes should check the Computer Graphics website at the end of 2015.

www.computergraphics.ac.nz

www.victoria.ac.nz/science/computer-graphics

Related subjects

Computer Science, Media Design, Film, Media Studies, Mathematics, Physics

Careers

Animation, digital effects, film, game development

[‡]Subject to approval.

COMPUTER SCIENCE

See page 102 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 Bachelor of Engineering (Hons) (see page 82). 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 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 NCEA Level 3 credits in Digital Technology, including 6 credits in Computer Programming (AS 91637), or COMP 102, or equivalent programming experience.

COMP 103 15 POINTS (2/3)

Introduction to Data Structures and Algorithms

This course builds on COMP 102 or COMP 112, 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

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	Formal Foundations of Programming

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

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. 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 46 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 the 'crime problem'. 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, SOSOC 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	Alcohol, Drugs and Crime
CRIM 217	Criminal Psychology
CRIM 218	Discrimination and Criminal Justice
SACS 201	Methods in Social and Cultural Research

300-level courses

CRIM 311	Policing
CRIM 312	Punishment and Modern Society
CRIM 313	Women, Crime and Social Control
CRIM 314	Special Topic
CRIM 316	Criminological Theory
CRIM 319	Special Topic
CRIM 322	Crime, Deviance and Popular Culture
CRIM 323	State Crime
CRIM 324	Sexual Violence
CRIM 325	Recreational Drug Use, Risk and Leisure
CRIM 326	Criminological Research Methods

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 46 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 204	Modern Anthropological Thought
ANTH 208	Culture and Experience
ANTH 209	Conflict and Reconciliation
ANTH 213	Ritual in the Modern World
ANTH 215	Special Topic: Culture and the Material World

300-level courses

ANTH 308	Anthropology in Oceania
ANTH 312	Representing Others: The Challenges of Ethnography
ANTH 314	Special Topic: Kinship
ANTH 315	Selected Topic: Medical Anthropology
ANTH 316	Visual Anthropology
ANTH 317	Migration, Culture and Identity

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

CULTURE+CONTEXT DESIGN

See page 74 for major requirements.

Culture+Context Design 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. Culture+Context Design 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 Culture+Context Design 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 Culture+Context Design 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 Culture+Context Design 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.

All Culture+Context Design 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, below, 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.

DESIGN

See page 74 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, Culture+Context Design, Industrial 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 Culture+Context Design 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.

Media Design students planning to do the Master of Computer Graphics should complete a BDI in Media Design with a focus on Computer Graphics to systematically build the skill set and knowledge base required by this specialisation.

See Culture+Context Design, Industrial Design and Media Design subject pages for available design majors offered by Victoria.

Courses

See page 74 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 3-dimensional 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 3-dimensional 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 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.

200-level courses

CCDN 231	Experimental Design Ideas
CCDN 233	Design Ethnography
CCDN 244	Expanded Photographics
CCDN 271	Design as Inquiry
DSDN 251	Design Psychology
INDN 211	Object Based Experiments
INDN 212	Product Based Experiments
INDN 252	Design Physiology
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

300-level courses

CCDN 331	Live Theory
CCDN 332	Design+
CCDN 371	Cultures of Design
INDN 311	Digital Form
INDN 312	Brand+Identity
INDN 341	Mass Production+Digital Manufacturing
INDN 342	Digital Fabrication
MDDN 311	Postproduction and Special Effects
MDDN 314	Audio-Visual Space
MDDN 343	Advanced Computer Game Design
MDDN 351	Wearable Technology
MDDN 352	Ubiquitous Computing

Related subjects

Culture+Context Design, Industrial Design, Media Design

DEVELOPMENT STUDIES

See pages 47 and 102 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 fulfil 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	Economic Principles and Issues
ECON 141	Macroeconomic Principles
GEOG/ENVI 114	Environment and Resources: The Foundations
GEOG/ESCI 111	The Earth System: An Introduction to Physical Geography and Earth Sciences
INTP 113	Introduction to International Relations
POLS 111*	Introduction to Government and Politics: New Zealand
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 pages 78–81 for *BEd(Tchg)EC* degree requirements.

Early childhood is a distinct and critical time in the lives of children when care and education are inseparably linked. Children and families benefit from access to quality early childhood education, and the whole community benefits from having well-educated and qualified teachers who reflect the diverse backgrounds of children.

Early childhood teachers work in close partnership with parents, caregivers and whānau in a holistic, inclusive, supportive and empowering way. The responsive relationship between early childhood teachers and families is critical to ensure the smooth transition for children between contexts.

There are two pathways into early childhood teaching: the Graduate Diploma of Teaching (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) (3/3)**

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 18th 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 (2/3)**

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)**

Developing Professional Partnerships in ECE

A course designed to enable students to develop and practise effective human relation skills with adults in an early childhood setting, and to work in partnership with parents, families and whānau in early childhood education settings. This course can only be undertaken as part of a specific teacher education programme.

(P) *TCHG 111* (or *EPOL 111*)

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 years 2–3 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	Facilitating Curriculum to Support Children's Learning
TCHG 216	Planning for Diversity
TCHG 217	Te Ao Māori II
TCHG 218	Working with Infants and Toddlers and their Families/Whānau

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* (page 148) and *Geophysics* (page 148).

ECOLOGY AND BIODIVERSITY

See page 102 for major requirements.

See *Biology*, page 128.

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) **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 (2/3) (3/3) **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 47 and 68 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 maths 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 (2/3) (3/3)**

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 211	Industrial Organisation
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 330	Law and Economics
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	Topics in Health Economics
ECON 351	Disasters and Economics Policy
ECON 352	Banking
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 47 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 (1/3)**

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 18th 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 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.

*Subject to approval.

200-level courses

EDUC 215	The Early Years Debates
EDUC 221	Youth, Society and Education
EDUC 223	Education, Ethnicity and Culture
EDUC 224	Pacific Nations Education
EDUC 243	Learning and Motivation
EDUC 244*	Issues in Child and Adolescent Development

*Subject to approval.

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, 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 47 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 or
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 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

*Subject to approval.

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

*Subject to approval.

Related subjects

Criminology, Sociology, Social Policy, Teaching

Careers

Counsellor, educational psychologist, clinical practitioner, government, researcher, teacher, youth worker

ELECTRONIC AND COMPUTER SYSTEMS

See page 102 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 (below) for possible subject choices.

ELECTRONIC AND COMPUTER SYSTEMS ENGINEERING

See page 84 for major requirements.

See Engineering (below).

ENGINEERING

See page 84 for degree requirements.

Technology is constantly changing our world, providing new products and processes that enhance our everyday 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 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. This degree will equip you with the programming skills and expertise needed to design, build, configure and test modern networked services, such as mobile phone networks, sensor grids, internet communications, wireless apps and search engines.

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). Software Engineering enable graduates to design, programme, implement and maintain complex computer systems. You will learn to build software systems that not only solve a problem, but are simultaneously efficient, robust and reliable.

First-year courses

ENGR 101 **15 POINTS (1/3) (2/3)**

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 171)

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.

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.

(P) Approved levels of achievement in NCEA Level 3 Physics and Calculus or equivalent, or ENGR 121 or MATH 141 and PHYS 122 or PHYS 131

200-level courses

COMP 261	Algorithms and Data Structures
ECEN 201	Data Acquisition
ECEN 202	Digital Electronics
ECEN 203	Analogue Circuits and Systems
ECEN 220	Signals and Systems
ENGR 291	Work Experience Preparation
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	Formal Foundations of Programming

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

ENGLISH LITERATURE

See page 47 for major requirements.

Victoria offers a Bachelor of Arts (BA) with one of New Zealand's widest ranges of courses in English literature, from old English to the present day, and literature in English from New Zealand, the Pacific and America. 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)**

Past Masters

An introduction to some literary masterpieces from the past, from Chaucer (14th century) and the age of Shakespeare to the Romantic Era. This course also introduces essential reading skills which enable a student to understand and enjoy such works, and the basic skills of academic essay 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 (1/3)**

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.

ENGL 116 **20 POINTS (tbc)**

Reading Shakespeare: An Introduction

ENGL 116 is an introduction to the reading of Shakespeare focused on close study of a single play with associated material. The main focus will be on understanding the text, with detailed attention to Shakespeare's language, imagery and rhetoric, as well as to the play's themes and dramatic construction. The play will be opened out by study of related materials: sources, contemporary documents, parallel scenes from other plays, critical discussions, adaptations and audio-visual versions of the play in performance.

ENGL 117 **20 POINTS (2/3)**

Introduction to Narrative

This course aims to provide students with some essential tools for the study of narrative. The primary focus is literary fiction, but examples will be drawn from a variety of genres and media for comparative purposes. Students will be introduced to distinctive aspects of narrative form and provided with a basic critical vocabulary for the accurate analysis of narrative texts.

200-level courses

ENGL 201	Sea Changes: A History of Literature in English
ENGL 202	Nineteenth-Century American Literature
ENGL 208	Shakespeare
ENGL 209	The Novel
ENGL 215	Old English Literature
ENGL 225	Classical Traditions in English Literature
ENGL 231	Modern Poetry
ENGL 233	Pacific Literature
ENGL 234	New Zealand Literature
ENGL 244	Children's Literature

300-level courses

ENGL 307	Troy and Troilus
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 335	Contemporary Fiction
ENGL 348	Special Topic: 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 102 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 the Environment

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 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 uniquely your own.

Environmental Studies is a BSc major, but also forms part of the BA major in Māori Resource Management and will add an environmental element useful to many careers.

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. Also taught as GEOG 114.

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
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200-level required theory-based and practice-based courses

Choose one of each from a list of possible courses. See the undergraduate School of Geography, Environment and Earth Sciences prospectus for details.

300-level course

ENVI 314	Advanced Environment and Resources: Global Issues
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300-level required theory-based and practice-based courses

Choose one of each from a list of possible courses. See the undergraduate School of Geography, Environment and Earth Sciences prospectus 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*, page 133.

FILM

See page 47 for major requirements.

Film is a dynamic art form that entertains, captivates, educates and influences us. Based in FHSS, the Film programme values the study and development of new intellectual 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	Cinemia
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

Art History, English Literature, History, Media Studies, Modern Language Studies, Music, Philosophy, Political Science, Sociology, Theatre

Careers

Actor, arts administrator, film and video technician, film archivist, film distributor, film editor, film/television producer, journalist, publicist, production manager, promo director, resource coordinator, reviewer, teacher

FINANCE

See page 68 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. Extensive use will be made of spreadsheets.	

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 47 for major requirements.

Parlez-vous français? Whether your answer is 'non, not a bit', or 'oui, un peu', French at Victoria has a carefully tailored and planned course for you to step right in and start learning.

In your first year studying French, a BA major, at Victoria, you'll experience comprehensive and supportive courses, using multimedia and tutorials, designed to get you speaking, reading, writing and interacting in French. Then you can choose from a range of courses to improve your French and your appreciation of French culture, in an atmosphere of fun, interaction and highly focused energy.

At Victoria, we offer students an exciting opportunity to study one of the world's most fascinating languages, with an array of social and cultural activities in addition to study. And you'll be set up for careers wherever French is spoken—in Europe, Africa, Canada and the Pacific.

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 NCEA Level 1-2 (proficiency level A1 in the Common European Framework).	
<i>(X) FREN 112 or more than 14 credits at NCEA Level 2 or equivalent as determined by the Programme Director</i>	

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 will have knowledge of basic French grammar and understand a range of vocabulary approximately equivalent to NCEA Level 2 (Level A1-A2 in the Common European Framework).	
<i>(P) FREN 101 or more than 14 credits at NCEA Level 2 (X) FREN 113</i>	

FREN 104**20 POINTS (1/3)****French Society and Culture**

This is a French civilisation course which aims to provide students with a general knowledge of French geography, history, past and present culture and social and political issues. No knowledge of French is required.

200-level courses

FREN 201	French Language 2A
FREN 202	French Language 2B
FREN 221	French Literary Studies
FREN 222	Special Topic
FHSS 210	Study Abroad for Language Students

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, European Studies, 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

GEOGRAPHY

See pages 47 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 & 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)****Statistics for 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. QUAN 102 is similar to STAT 193, and can be substituted if necessary.

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 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 Science
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

Or one of the above, not previously taken as a core course.

Related subjects

Anthropology, Architecture, Asian Studies, Biology, Criminology, Design, Development Studies, Environmental Science, Environmental Studies, Geology, History, International Relations, Law, Māori Studies, Pacific Studies, Politics, Psychology, Sociology, Tourism

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 103 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 our land, 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 47 for major requirements.

One of the most influential states in the European Union, Germany is home to a distinctive brand of culture, art, literature, industry and innovation. The German language is both a leading world language and of prime importance in the European Union, especially as the Union expands eastwards.

German at Victoria is a major designed with accessibility in mind. You can study German at university no matter what your current level. Within the supportive environment of the German programme, you'll soon be speaking, reading and writing German. Students are automatically members of the German Student Club. You can major in German for a BA, or take German as part of a major in Modern Language Studies.

People able to speak both English and German are valued in New Zealand and overseas. You'll be in demand for jobs in areas like tourism, marketing and international business, and qualified also for a wide range of other careers.

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 (2/3)** **Topics in German Culture 1**

This course introduces students to the study of German culture by examining themes of importance for understanding the German-speaking world and how these are represented, whether historically or in the present day, in a selection of novels and films. The course is taught and assessed entirely in English.

200-level courses

GERM 214	Topics in German Culture 2
GERM 217	German Language 2A
GERM 218	German Language 2B
FHSS 210	Study Abroad for Language Students

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, 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

GREEK

See page 47 for major requirements.

See Classical Studies, page 131.

HISTORY

See page 47 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**

This course introduces students to the discipline of history through the study of colonial encounters in the greater Pacific region, drawing on experiences of indigenous peoples in Australia, the Pacific Islands and New Zealand. Ranging from pre-contact societies to post-WWII developments, it examines themes such as the impact of disease and trade, the effects of Christianity and the missions, and indigenous resistance, struggle, loss and recovery.

Not offered in 2016.

HIST 112 **20 POINTS (2/3)****New Histories in New Zealand–Aotearoa**

A survey of the origins and histories of New Zealand and its peoples from the beginnings of human settlement to the present. Topics covered include Māori–European encounters and conflicts, politics and identities, changes in everyday life and the shifting relations between New Zealand and the Pacific, Australasian and British worlds.

HIST 117 **20 POINTS (1/3)****Revolutions, Empires and Peoples**

This course considers the development and impact of Empires since 1400. We examine the establishment of colonies, free and coerced migration, imperial rivalries, nationalism and the resistance to Empire.

HIST 118 **20 POINTS (1/3)****Making Europe Modern: Citizens, States and Nations**

This course examines the history of modern Europe from 1492–1945. It addresses themes such as: the formation of states and empires; cultural, scientific and religious movements; citizenship and race; labour and popular protest; gender and society; cultural and social change; immigrants and migrations and political and social revolutions. The making of modern Europe will be examined through movements such as the Renaissance, the Reformation, the Enlightenment, nationalism, liberalism and socialism, alongside comparative histories of colonialism.

HIST 120 **20 POINTS (2/3)****Global History: Commodities and Ideologies**

This course will give students a broad introduction to the discipline of history by studying transformative forces and events in global history, ca 1400–present.

200-level courses

HIST 215	Creating the United States, 1776–1890
HIST 217	The United States and Global Power, 1890–2000
HIST 219	Pacific History
HIST 222	Australian History
HIST 227	Māori and Pākehā in the Nineteenth Century World
HIST 230	Gandhi, India and the World
HIST 232	The Worlds of Christopher Columbus
HIST 234	Special Topic: Radicals and Revolutionaries in Britain
HIST 235	Special Topic: Early Modern History, 1250–1650
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 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 318	Special Topic: Early Modern Science: Possessing Nature's Secrets
HIST 321	International History: The Cold War World, 1945–1991
HIST 323	Ngā Tuhinga a Ngā Tūpuna: Early Māori Text and Context in 19th Century World

HIST 327	Special Topic: Nationalist Peacemakers 1917–1924
HIST 329	Special Topic: Contesting Colonialism: The British Empire and the Settler Colonies
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 68 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. It's an education in people management and how they work together. 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. It's 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—traits highly valued by modern employers.

200-level course

HRIR 201	Managing Human Resources and Industrial Relations
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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

INDUSTRIAL DESIGN

See page 74 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 five different specialities that express the cross-disciplinary nature of design and foster the holistic approach of designing in the 21st 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.

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 21st 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 is optional for Industrial Design students.

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

Minor subject	Careers
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 Design, page 136, for BDI courses, course descriptions and points values.

Related subjects

Marketing, Management, Engineering, Computer Science, Information Technology, Natural Science, Media Design, Culture+Context 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)

INFORMATION SYSTEMS

See page 68 for major requirements.

An Information Systems major can include e-Commerce, Database Management, Systems Analysis 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

Careers

Business analyst, systems tester, IT consultant, internet developer, IT design analyst, systems analyst, website administrator, IT trainer

INTERIOR ARCHITECTURE

See page 39 for specialisation 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 125, 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 68 for major requirements.

No business is immune from globalisation today. International Business addresses the realities of working in a 21st 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 312	Managing and Communicating Across Cultures

Related subjects

Computer Science, Economics, Finance, Human Resource Management and Industrial 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 47 for major requirements.

See *Political Science and International Relations*, page 168.

ITALIAN

See page 47 for major requirements.

Italian is a language that evokes world-famous music, cinema, art, literature and cuisine. Beautiful and expressive, it's the language of the poetry of Dante and Leonardo da Vinci, of high fashion and classical opera. Modern Italy has the eighth largest economy in the world and was a founding member of the European Union.

At Victoria our programme in Italian is designed to give you a broad, supportive introduction to speaking, reading, writing and understanding the language in an intimate, welcoming environment backed up by effective use of new technologies, social media and extracurricular activities. These include cooking competitions, lunchtime get-togethers where students can meet and practise their Italian with other Italian speakers, film screenings and the Italian Club. Links with the Embassy of Italy and Wellington's lively Italian community also benefit students and allow them to make the most of our capital city location.

You'll start by learning basic grammar, how to hold a conversation and some simple composition. Building on that foundation, later in your degree you'll be ready to study more about Italy and the language, history and culture through fiction, translation, history, poetry and film. In just three years, students go from not knowing the language at all, to watching and reading extraordinary films and texts in the original Italian, to understanding the masterpieces of Italy's supreme poet, Dante.

Our research-led courses focus on literature, translation, cinema and the visual arts. Our award-winning lecturers use traditional as well as innovative learning strategies, including advanced technologies, and our postgraduate students enjoy a high scholarship success rate. As a small and friendly programme, we get to know all our students well and enthusiastically support them in learning about and researching an ancient and thriving culture. Those who already know some Italian can take an entry test and be placed directly into more advanced courses.

You can take Italian as a major for your BA degree, or as part of a major in Modern Language Studies.

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. It may not be taken by students with 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 207	Italy through Film
ITAL 215	Italian Language 2A
ITAL 216	Italian Language 2B
ITAL 235	From Fascism to Forza Italia: A Cultural History of Italy
FHSS 210	Study Abroad for Language Students

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, 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, policy analyst, tourism, translation and interpreting

JAPANESE

See page 48 for major requirements.

Anime, manga, cosplay, sushi, rice cookers and robots! Japanese culture has had a profound influence on the contemporary Western world through science and technology, fashion, popular culture and language and literature.

Japanese is a BA major at Victoria that gives you access to a comprehensive education in written and spoken Japanese as well as Japanese culture. Our courses cater both to complete beginners and to students who have a background in Japanese from studying at school level. Starting at the very beginning with hiragana 'a', you'll progress to learning how to hold a conversation and write simple compositions. At the same time, you'll learn about Japanese culture and literature in a journey that will take you from the distant past to the near future. Classes are split between lectures and tutorials where you will have the chance to really play with the language. Multimedia learning support is available through the Language Learning Centre.

Students are encouraged to participate in local and national Japanese speech contests, as well as make use of our proximity to the Embassy of Japan and their monthly free movies and other cultural activities.

We offer the most wide-ranging opportunities in New Zealand for exchange to Japanese universities, both for short stay and up to a year. Exchanges

with several prestigious Japanese universities are available, and exchange students may be eligible for financial support through scholarships. We encourage students to experience life in Japan while they study.

Victoria makes the most of its capital city location and the Japanese language programme maintains close ties with the Embassy of Japan. A Japanese BA at Victoria opens the doorway to a bright future, with Japanese remaining a key language for trade with Asia. Graduates of Japanese seek employment in business, diplomacy, education, international relations, tourism and trade, among other areas.

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. 150 Kanji are covered.

(P) JAPA 111 or NCEA Level 2 Japanese or equivalent

JAPA 113 20 POINTS (1/3)

Introduction to Japanese Culture and Society

This course, taught in English, is designed to introduce students to major aspects of the history, society, cultures and language of Japan. The course will provide a good all-round basic knowledge of Japan that will be of value both to students intending to major in Japanese and those interested in Asia. No knowledge of Japanese language is required.

(X) JAPA 211

200-level courses

JAPA 204	Japanese Language 2A
JAPA 205	Japanese Language 2B
JAPA 213	Japanese Culture through Literature
JAPA 214	Special Topic
FHSS 210	Study Abroad for Language Students

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 and European Literature, International Business, Language and Cultural 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

LANDSCAPE ARCHITECTURE

See page 39 for specialisation 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 125, 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.

Related subjects

Architecture and Design, Art History, Asian Studies, Chinese, Classical Studies, Cultural Anthropology, Development Studies, English and European 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 48 for major requirements.

See *Classical Studies*, page 131.

LAW

See page 89 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 327	Civil Liberties
LAWS 328	Law of Privacy
LAWS 329	Legal History

LAWS 330	Jurisprudence
LAWS 331	Bill of Rights
LAWS 332	Feminist Legal Theory
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	Securities Regulation
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 (as a policy adviser or in-house legal adviser), investigative work, journalist, legal publishing, management consultant, trade unions

LINGUISTICS

See page 48 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.

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 224	Interpersonal Communication
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 68 for major requirements.

Management at Victoria provides both a general introduction to the way organisations work as well as offering specific courses addressing areas across managerial decision-making, organisational behaviour and strategy. At the first-year level you'll get insights into contemporary management and a platform for the breadth of courses that follow on from it. Combine your BCom Management major with commerce subjects (such as Human Resource Management, International Business, Marketing) or with Cultural Anthropology, Law, Psychology, Tourism Management or Pacific or Asian Studies through a BA, BSc, BTM or LLB conjoint degree programme.

Taught within the School of Management of the Victoria Business School, Management can also be taken as a minor within the BCom.

Our staff have also been recognised for their effective and innovative teaching, where, as you progress, debate is encouraged as well as critical and creative thinking. Victoria's graduates in Management are found throughout the highest levels of, or providing management consultancy advice to, business, government and not-for-profit organisations within New Zealand and internationally. The problem-solving and analytic skills you'll acquire throughout your study will prepare you for an exciting and successful career—wherever you choose.

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 48 for major requirements.
See *Māori Studies*.

MĀORI STUDIES

See page 48 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 whakamaaua 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 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 (2/3)****Special Topic: Māori Cultural Practices for Professionals**

This course prepares students to enter the workforce equipped to deal with the challenges of engaging with the Māori world and Māori stakeholders. It focuses on basic Māori language skills, workplace Treaty issues and operating appropriately and effectively in the context of a marae or Māori meeting.

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	The Peopling of Polynesia
MAOR 221	Tū Tū Te Wana / Māori Language 2B
MAOR 222	Te Aukorimiha, Te Auripomiha 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 103 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 (VUCEL), 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 128, 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 68 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, buyer 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)**
Principles of Marketing

An introduction to the study of marketing and its role in developing a strategic customer/client focus within commercial, public sector and not-for-profit organisations.

200-level courses

MARK 201 Marketing Management
MARK 202 Consumer Behaviour
MARK 203 Market Research

300-level courses

MARK 301 Marketing Communications
MARK 302 International Marketing
MARK 303 Strategic Marketing Management
MARK 310 Arts Marketing
MARK 312 Internet Marketing
MARK 315 Services Marketing
MARK 316 Social Marketing
MARK 319 Marketing in Asia
MARK 320 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 page 48 and 103 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 as a 2015–16 summer trimester course in January–February 2016 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.

16 NCEA Level 3 credits in Mathematics, or successful completion of MATH 132 (or equivalent background).

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 requirement: for direct entry into MATH 142, students need to have passed NCEA Level 3 Mathematics achievement standards 3.6 (Differentiation, AS91578), 3.7 (Integration, AS91579) and (one of 3.1 (Conics AS91573); 3.3 (Trigonometry, AS91575); or 3.5 (Algebra, AS91577)), including at least two with Merit or Excellence, or equivalent background in Mathematics or after passing MATH 141.

MATH 151 **15 POINTS (1/3)**
Algebra

An introduction to linear algebra, including matrices and vectors, complex numbers and algebraic structures.

16 NCEA Level 3 credits in Mathematics, or successful completion of MATH 132 (or equivalent background).

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.

16 NCEA Level 3 credits in Mathematics, or successful completion of MATH 132 (or equivalent background).

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.

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 74 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. Media Design students planning to do the Master of Computer Graphics should complete a BDI in Media Design with a focus on Computer Graphics

to systematically build the skill set and knowledge base required by this specialisation. 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, computer graphics and special effects, training, business and the public sector.

A minor is optional for Media Design students.

Related minors with possible careers

Minor subject	Careers
Art History	Curator, exhibition designer
Computer Science	Game developer, information architect, 3D animator, computer graphics developer, 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

Courses

See Design, page 136, for BDI courses, course descriptions and points values.

Related subjects

Computer Graphics, Computer Science, Culture+Context Design, Electronic and Computer Systems, Engineering, Film, Industrial Design, Information Technology, Media Studies, Music

Careers

Content developer, creative director, 3D artist, filmmaker, video designer, special effects artist, game developer, information architect, interaction designer, motion graphics designer, experience designer

MEDIA STUDIES

See page 48 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 PBRF 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 (1/3)**

Media: Texts and Images

This course is an introduction to one branch of Media Studies scholarship: namely, the close analysis of texts. It introduces the kinds of visual media texts that you may encounter in Media Studies courses and the methods of close analysis generally associated with them. In addition, it asks what the text is and what its function is in the context of our day-to-day experience of the mediated world. How do we use media texts in order to understand who we are and how we live, and how do we become literate in the skills necessary to understand them?

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.

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
MDIA 209	Critical Approaches to Advertising and Consumer Culture

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, Polity and Economy
MDIA 322	Special Topic: Media, Technologies and Surveillance

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 48 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, 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

MUSEUM AND HERITAGE STUDIES

Museum and Heritage Studies offers an undergraduate course that can be taken at either 200 or 300 level. Museum and Heritage Studies is not a major for a BA. Instead, these undergraduate courses are designed to complement study in areas like Sociology, History, Cultural Anthropology, Geography, Media Studies and Tourism Management.

200- or 300-level course

FHSS 206/301 Cultures of Leisure: Heritage, Travel and Play

Other relevant courses

MGMT 319 Sport Management
TOUR 345 Tourist Behaviour

Related subjects

Art History, Classics, Cultural Anthropology, Education, Environmental Studies, Geography, History, Management, Māori Studies, Pacific Studies, Religious Studies, Sociology, Tourism Management

Careers

Arts adviser, collections data officer, community organisations, conservation, curator, event management, museums and heritage organisations, recreation, sports management, tourism

MUSIC

See pages 48 (BA) and 96 (BMus) for major requirements.

At the NZSM you can choose from a wide range of disciplines for your BMus: Classical Performance; Composition (Instrumental and Vocal, or Sonic Arts); Jazz (Performance, or Composition and Arranging); or the broadly based Music Studies, which has streams in Ethnomusicology, Musicology and Jazz Studies.

The BMus at the NZSM offers the widest breadth and greatest depth of any music programme in New Zealand. You can also take Music as a BA major or music electives in any degree.

Study in Music offers both practical skills for a wide range of professions and transferable skills that can be combined with other fields to enhance your career options.

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 20th and 21st centuries, to the changing role of performers and performance. Historical, critical and ethnographic approaches will be introduced.

MUSC 106 **20 POINTS**
Music, Culture, Experience

An introductory study of musical experiences from a range of cultural perspectives.

Not offered in 2016.

MUSC 120 **20 POINTS (3/3)**

Ragtime to Rap: Introduction to Popular Musics

An introduction to the study of popular musics in the 20th and 21st 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)**

Jazz History

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 21st century.

MUSC 130 **20 POINTS (2/3)**

Hildegard to Avant Garde: Introduction to Western Art Music

A study of Western music approached through a series of modules, each centred on one exemplary composition, with an emphasis on the social and cultural context of music, rather than on analytical study of musical style.

MUSC 150 **20 POINTS (1/3)**

Music in World Cultures

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 (2/3) (3/3)**

Basic Musical Techniques

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) B+ or better in MUSC 160, or entrance test

MUSC 166 **20 POINTS (1/3)**

Classical 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) B+ or better in MUSC 160 or equivalent, or entrance test

MUSC 167 **20 POINTS (2/3)**

Classical Theory and Musicianship 2

Study in the recognition of common practice tonal music procedures and their application, including training in analysis of basic repertory and conventional forms, melodic and rhythmic dictation, aural perception and keyboard skills.

(P) MUSC 166

Music: Composition: First-year courses

CMPO 101 **15 POINTS (2/3)**

Introduction to Composition and Sonic Arts

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) B+ or better in MUSC 160, or entrance test

CMPO 130 **15 POINTS (1/3)**

Instrumentation

An introduction to fundamental knowledge of common Western orchestral instruments, and notational issues specific to the study of composition and orchestration. Some knowledge of musical notation and music theory is required.

(P) B+ or better in MUSC 160, or entrance test

CMPO 181 **15 POINTS (1/3)**

Introduction to Music Technology

An introduction to key aspects of acoustics and music technology.

Music: Performance: First-year courses

PERF 103 **15 POINTS (1/3) (2/3) (1+2/3)**

Performance Second Study 1

Development of technical and musical competency and artistic and stylistic insight, in order to perform repertoire on an instrument or voice as a second study to complement or supplement the primary area of study. A proposal outlining the intended course of study for this paper must be approved by the Director, NZSM prior to the enrolment deadline.

(P) Permission of head of school and audition; (C) for voice PERF 136

PERF 120 **30 POINTS (1+2/3)**

Jazz Performance 1

Development, through individual lessons, workshops and self-directed learning, of technical and musical competency on the student's primary instrument, together with artistic and stylistic insight into the jazz idiom. Development also of basic jazz piano skills.

(P) Audition; (C) PERF 121, 122, MUSC 164

PERF 121 **15 POINTS (1+2/3)**

Jazz Improvisation 1

Development of the knowledge and skills required for competent jazz improvisation using standard jazz language.

(P) Audition; (C) MUSC 164

PERF 122 **15 POINTS (1+2/3)**

Jazz Ensemble 1

Development of jazz combo ensemble playing techniques, interaction, knowledge of standard jazz repertoire and self-directed rehearsal techniques; development of skills for large jazz ensemble including the reading of charts and sectional playing or singing.

(P) Audition; (C) PERF 120, 121 or NZSM 111, 115

PERF 123 **10 POINTS (1/3)**

Fusion Ensemble

Development of practical skills for jazz-rock fusion ensemble playing, and of knowledge of jazz-rock fusion repertoire.

(P) Audition

PERF 126 **15 POINTS (1/3)**

Improvisation for Non-Jazz Majors

An introduction to improvisational skills in the jazz idiom for non-jazz majors focusing on performance and the application of basic jazz theory. No previous improvisational skills are required.

(P) Audition

PERF 130 **30 POINTS (1+2/3)**

Classical Performance 1

Development of technical and musical competency and artistic and stylistic insight to perform repertoire of the student's chosen instrument or voice.

(P) Audition; (C) MUSC 166

PERF 132 **10 POINTS (1+2/3)**

Accompanying 1

An introduction to accompanying and collaborative skills for pianists or Baroque instrumentalists through the study, rehearsal and public performance of prescribed works.

(P) Audition; (C) PERF 130 or 103

PERF 133 **10 POINTS (1+2/3)**

Small Ensemble 1

An introduction to the preparation and presentation of music for small ensembles.

(P) Audition and permission of head of school

PERF 134 **10 POINTS (1+2/3)**

Large Ensemble 1

Preparation and presentation of repertoire for a large ensemble appropriate to the student's instrument.

(P) Audition

PERF 136 **10 POINTS (1+2/3)**

Diction and Language 1

An introductory study of diction and language for singers selected from the following range: English diction, Italian, French and German.

(P) Audition; (C) PERF 130 in Voice or Piano or PERF 120 or PERF 103 in Voice

PERF 151 **15 POINTS (1/3)**

Māori Music Performance

Introductory performance study of Māori music with an understanding of the cultural contexts.

PERF 165 **15 POINTS (1/3) (2/3) (1+2/3)**

Project in Performance 1A

PERF 166 **15 POINTS (1/3) (2/3) (1+2/3)**

Project in Performance 1B

PERF 167 **10 POINTS (1/3) (2/3) (1+2/3)**

Project in Performance 1C

PERF 168 **10 POINTS (1/3) (2/3) (1+2/3)**

Project in Performance 1D

Exploration of an area of learning specific to the research interests and activity of a music staff member. A proposal outlining the intended work for this paper must be approved by the Director, NZSM prior to the enrolment deadline.

(P) Audition and permission of head of school

Music: 200-level courses

MUSC 207	Individual Project
MUSC 228	Topic in Jazz
MUSC 229	Perspectives on Jazz
MUSC 230	Topic in Music History
MUSC 231	Perspectives on Vocal Music
MUSC 234	Vocal Music from the Troubadours to Monteverdi
MUSC 235	Baroque Music (1600–1750)
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	Introduction to Music in 20th-Century Sound Cinema
MUSC 248	Pop Music Since the 1950s
MUSC 249	Music in New Zealand Society
MUSC 250	Music in Everyday Life
MUSC 251	Perspectives on Music and Dance of Oceania
MUSC 252	Perspectives on Music of Asia
MUSC 254	Topic in Ethnomusicology
MUSC 264	Jazz Theory 2
MUSC 265	Electronic Music: Theory and Analysis
MUSC 266	Classical Theory and Musicianship 3
MUSC 267	Analysis

Music: 300-level courses

MUSC 307	Independent Research Project
MUSC 308	Topic in Musicology
MUSC 309	Special Topic
MUSC 326	Studies in Jazz Literature
MUSC 327	Topic in Jazz Studies
MUSC 328	Topic in Jazz
MUSC 329	Studies in Jazz Style
MUSC 330	Topic in Music History
MUSC 331	Studies in Instrumental Music
MUSC 332	Studies in Vocal Music
MUSC 336	Studies in 18th-Century Music
MUSC 337	Studies in 19th-Century Music
MUSC 339	Topic in Performance Practice
MUSC 340	Historical Performance Practice
MUSC 341	Topic in New Musical Concepts
MUSC 342	Editing as Interpretation
MUSC 343	Topic in Music Studies
MUSC 344	Approaches to the Study of Music
MUSC 345	Studies in 20th–21st-Century Music
MUSC 346	Critical Approaches to Music in Film
MUSC 347	Topic in New Zealand Music
MUSC 349	Pop Music Since the 1950s
MUSC 350	Research in Music, Society, and Culture
MUSC 351	Studies in Music and Dance of Oceania
MUSC 352	Studies in Music of Asia
MUSC 353	Topic in Music of the Pacific Islands
MUSC 354	Studies in Music Ethnography
MUSC 355	Topic in Ethnomusicology
MUSC 356	Topic in Ethnomusicology
MUSC 361	Materials of 20th- and 21st-Century Music
MUSC 369	Topic in Analysis

Music: Composition 200-level courses

CMPO 201	Instrumental/Vocal Composition 2: Form, Process, and Materials
CMPO 202	Projects in Small Ensemble Composition and Orchestration
CMPO 210	Creative Projects in Studio-based Sonic Arts
CMPO 211	Creative Projects in Interactive Sonic Arts
CMPO 220	Jazz Composition Principal Study 1
CMPO 221	Jazz Composition Principal Study 2
CMPO 230	Small Ensemble Orchestration for Non-Composition Majors

CMPO 235	Jazz Arranging and Composition 1
CMPO 281	Computer Music Programming for Live Electronics
CMPO 283	Intermediate Studies in Recording, Mixing and Audio Production

Music: Composition 300-level courses

CMPO 301	Combined Seminar in Composition/Sonic Art
CMPO 302	Advanced Projects in Instrumental/Vocal Composition
CMPO 303	Topic in Instrumental/Vocal Composition
CMPO 305–306	Topics in Composition/Sonic Arts
CMPO 310	Advanced Creative Projects in Studio-based Sonic Arts
CMPO 311	Advanced Projects in Interactive Sonic Arts
CMPO 315	Topic in Sonic Arts
CMPO 320	Advanced Jazz Composition 1
CMPO 321	Advanced Jazz Composition 2
CMPO 330	Large Ensemble Orchestration
CMPO 331	Studies in Orchestration and Arranging
CMPO 335	Jazz Arranging and Composition 2
CMPO 381	Interface Design for Live Electronics
CMPO 383	Topic in Music Technology

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
PERF 251	Pasifika Performance 1
PERF 252	Asian Music Performance 1
PERF 265	Intermediate Project in Performance 2A
PERF 266	Intermediate Project in Performance 2B
PERF 267	Intermediate Project in Performance 2C
PERF 268	Intermediate Project in Performance 2D

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

PERF 351	Pasifika Performance 2
PERF 352	Asian Music Performance 2
PERF 365	Advanced Project in Performance 3A
PERF 366	Advanced Project in Performance 3B
PERF 367	Advanced Project in Performance 3C
PERF 368	Advanced Project in Performance 3D

Related subjects

Art History, Asian Studies, Cultural Anthropology, English Literature, 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

NETWORK ENGINEERING

See page 84 for major requirements.

See *Engineering*, page 142.

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.

At Victoria, NZSL is the 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 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 courses

NZSL 311 [‡]	Structure and Use of New Zealand Sign Language
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[‡]Subject to approval.

Related subjects

Cultural Anthropology, Education, Linguistics, Modern Language Studies, Psychology, Sociology

Careers

Interpreter, policy analysis, research, social services, social work, teaching

PACIFIC STUDIES

See page 48 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 is still 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
EDUC 224 [‡]	Pacific Nations Education
ENGL 233	Pacific Literature
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
MUSC 251	Perspectives on Music and Dance of Oceania 1
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

[‡]Subject to approval.

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 302	Special Topic: Pacific Jurisprudence: A Study of Custom and Law in the Pacific
PASI 303	Migration, Diaspora and Identity in the Pacific
SAMO 301	Samoa Language and Customs
SAMO 302	Interpreting and Translation

*Subject to approval.

Related subjects

Art History, Cultural Anthropology, Development Studies, Education, English, French, History, 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

PHILOSOPHY

See page 48 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 (2/3)**

Minds, Brains and Persons

This course is an introduction to philosophical questions about the nature of minds and how they relate to brains and persons. Topics may include: What is consciousness? What can science tell us about the mind? What is a person? In virtue of what do persons persist over time?

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 (3/3)**

Philosophy of Media and the Arts

An introduction to the philosophy of art, focusing on philosophical issues concerning popular culture, film, fiction, music and the visual arts.

PHIL 123 **20 POINTS (1/3)**

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
INTP 261	Political Philosophy and International Relations

300-level courses

PHIL 302	Ethical Theory
PHIL 303	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, Law, Linguistics, Mathematics, Media Studies, Political Science, Psychology, 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 103 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 conjunction 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. You can take Physical Geography as a major in a BSc.

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 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, related positions in government ministries, city and regional councils, Crown research institutes, mining companies, consulting companies and schools.

PHYSICS

See page 103 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:

1. A minimum of 18 NCEA Level 3 credits in Physics, including AS91524 (*Mechanical Systems*) and AS91526 (*Electrical Systems*) and either AS91523 (*Wave Systems*) or AS91521 (*Practical Investigation*) or equivalent background in Physics.
2. A minimum of 12 NCEA Level 3 credits in Mathematics, including AS91578 (*Differentiation*) and AS91579 (*Integration*) or MATH 141 or equivalent background in Calculus.

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.

Entry requirement: same as for PHYS 114, but both PHYS 114 and PHYS 115 are required in order to continue to 200-level Physics courses.

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 (1/3)**

Energy and Environmental Physics

PHYS 131 is an introduction to the applications of physics to everyday energy issues and real-world environmental problems. It also serves to teach fundamental concepts of physics through these examples. Topics covered include a scientific and environmental evaluation of different energy resources, Earth's energy balance, including the greenhouse effect and global warming, simple climate theory and radiation hazards. Areas of physics covered are mechanics, electricity, heat, light and electromagnetic radiation, atomic physics and radioactivity. PHYS 131 is very relevant to Environmental Science students; it also provides the background in physics concepts necessary for PHYS 114 and PHYS 115. It is suitable for students with a general background in high school science and mathematics.

PHYS 132 **15 POINTS (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 BBSc.

200-level courses

PHYS 209	Physics of the Earth and Planets
PHYS 217	Applied Physics
PHYS 221	Relativity and Quantum Physics
PHYS 222	Electrons and Photons
PHYS 223	Classical Physics

300-level courses

PHYS 304	Electromagnetism
PHYS 305	Thermal Physics
PHYS 307	Quantum Physics
PHYS 309	Solid State and Nuclear Physics
PHYS 339	Experimental Techniques
PHYS 342	Special Topic
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 47 and 48 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 Government and Politics: New Zealand

The aim of this course is to develop knowledge of the New Zealand political system in comparative perspective. We focus on key themes and current developments in the political arena, and because we are situated in Wellington are able to call on politicians and political participants 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.

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.

POLS 114 **20 POINTS (2/3)**

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.

200-level courses

INTP 204	International Relations Theory
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 206	New Zealand Politics: Power, Equality and Diversity
POLS 207	Modern American Politics
POLS 208	Political Change in South East Asia
POLS 209	Dictatorships and Revolutions
POLS 211	Special Topic: Public Opinion and Voting Behaviour
POLS 218	Politics and the Media in New Zealand
HIST 249	New Zealand Political History
PHIL 264	Ethics and International Affairs
PUBL 202	Institutions and the Policy Process
PUBL 206	Power and Bureaucracy

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 354	International Relations of East Asia
INTP 363	Empirical Approaches to Human Rights
INTP 371	Human Security
INTP 372	International Organisations: Change and Continuity
INTP 378	Special Topic: China Field Study
POLS 353	Growing Pains: New Zealand Politics 1975 to Present
POLS 358	How Democracies Vote

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 336	The Pacific Islands after 1945
MAOR 316	Tōrangapū Māori / Māori Politics
PHIL 303**	Contemporary Political Philosophy
PUBL 304	Cabinet Government

**Only available for students enrolled in the Political Science major, not the International Relations major.

Related subjects

Asian Studies, Economics, Geography, History, 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

PSYCHOLOGY

See pages 49 and 103 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 2015-16 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

300-level courses

PSYC 322	Memory
PSYC 324	Child Development
PSYC 325	Advanced Research Methods
PSYC 326	Discourse and Social Psychology
PSYC 327	Cognitive and Behavioural Neuroscience
PSYC 331	Visual Perception
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 49 and 68 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 202 [‡]	Policy Analysis: Theories and Practice
PUBL 203	Introduction to Public Economics
PUBL 205	Development Policy and Management
PUBL 206 [‡]	Introduction to Public Management
PUBL 207 [‡]	Environmental Policy and Governance
PUBL 209	Introduction to Public Economics

[‡]Subject to approval.

300-level courses

PUBL 302	Managing the Public Sector
PUBL 303	Public Sector Economics
PUBL 304	Cabinet Government
PUBL 305	Special Topic
PUBL 306	The Theory and Methods of Policy Analysis

Related subjects

Economics, Education, Environmental Studies, Geography, 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

This is the subject code for Econometrics.

RELIGIOUS STUDIES

See page 49 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 Islam, Buddhism, Christianity, Judaism and Hinduism. 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 103 **20 POINTS (2/3)**

Paths to Enlightenment: Introducing Asian Religions

This course focuses on current beliefs, practices and forms of religions of India, China, Tibet and Japan. The course examines basic doctrines of Buddhism (such as suffering), renunciation, pilgrimage, lamas and Chinese spirituality.

RELI 106 **20 POINTS**

Prayer, Meditation, Trance and Ecstasy: A Study of the Techniques of Spiritual Transformation

This course explores religion through the things that people do. It considers how spiritual practices—rituals, bodily postures, altered states of consciousness, music—shape individual and collective experience. The course is also an introduction to some of the prominent methods and debates that define the discipline of religious studies.

Not offered in 2016.

RELI 107 **20 POINTS (1/3)**

Religion, Law and Politics

What are the relationships between religion and politics? Is law always underpinned by religion? What drives some religious believers to conflict and violence in support of political aims, and others to peace and reconciliation? Lectures, tutorials and guest speakers enable a deeper understanding of both the New Zealand situation and some of the world's religious and political conflict areas.

RELI 108 **20 POINTS (1/3)**

The World's Religions

This course introduces students to the major religious traditions, the relationships between them and analysis of the role of religion in the contemporary world. Themes will include: religion and terrorism after 9/11, globalisation and religion, religion and identity, religion and the brain, religion and science and the future of religion.

RELI 113 **20 POINTS (2/3)**

What is Religion? Identity, Experience and Practice

Religion continues to be central to society, politics and culture in our world today. This course looks at the role of religion in shaping current debates about vital issues in New Zealand and overseas, such as radical atheism, fundamentalism, same-sex marriage, ethical politics and economy, and religious diversity.

200-level courses

RELI 203	Civilisation and Cultures of Islam
RELI 205	The Religions of India: Gods, Goddesses and the Sacred
RELI 206	Buddhism: The Noble Path
RELI 207	Judaism: Israel, Holocaust and Diaspora
RELI 210	Special Topic
RELI 212	New Zealand and Pacific Religions
RELI 213	Global Christianity: Rebellion, Orthodoxy and Liberation
RELI 221	Religion, Politics and Disenchantment
RELI 226	Psychology of Religion

RELI 227	Special Topic
RELI 250	Studies in Christian Theology: Jesus, the Gospels and the Coming of God
RELI 252	Political Islam
RELI 286	Mysticism, Spiritual Maps and Reality

300-level courses

RELI 303	Contemporary Spirituality
RELI 305	Death, Dying and Religion
RELI 310	Special Topic: Psychology of Religion
RELI 327	Special Topic
RELI 328	Religion and Human Biology
RELI 329	Islam in the Contemporary World
RELI 330	Religion, Identity and Community: Contested Boundaries and Belonging
RELI 331	Religion, Conflict and Peacemaking
RELI 335	Arguing about Religion: Discourse and Debate
RELI 350	Studies in Christian Theology: Paul: The First Christian Theologian

Related subjects

Art History, Asian Studies, Classical Studies, Cultural Anthropology, History, Law, Media Studies, Music, Philosophy, Political Science, Psychology

Careers

Community organisations, consultant, counsellor, education, government, health, journalist, policy analyst, social worker

SAMOAN STUDIES/FA'ASĀMOA

See page 49 for major requirements.

Samoan Studies offers the opportunity to study, understand and appreciate fa'asāmoa—the language, culture and society.

In the programme, we make sure that language and culture are studied together. The role of beliefs, nature, song and dance, ceremonials and daily life events in the creation, maintenance and enrichment of language are highlighted—in past times and today. The study of the rich cultural heritage of language is seen as of value in itself, but also as a pathway to increased understanding of cultural diversity and 'other' knowledges, against the influences of changing times.

The Samoan Studies programme draws on other topics such as Art History, Education, History, Cultural Anthropology, Linguistics, Law, Music and Religious Studies. Our courses also contribute to majors in Pacific Studies and Modern Language Studies.

Va'aomanū Pasifika staff will help you select a study pathway that suits you.

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.

SAMO 102 **20 POINTS (2/3)**

Conversational Samoan

A course building on SAMO 101 aimed at developing further skills in speaking, understanding, reading and writing Samoan.

(P) SAMO 101

SAMO 111

20 POINTS (1/3)

Samoan Society and Culture

An introduction to Samoan culture and society with a focus on key Samoan concepts, values, practices and socio-political institutions.

200-level courses

SAMO 201	Samoan Language and Oratory
SAMO 202	Samoan Literature

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

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.

200-level courses

ESCI 201	Climate Change and New Zealand's Future
SCIE 201	Special Topic: Energy, Society and the Future
SCIE 211	Contemporary Issues in Science and Society

300-level courses

CREW 352	Creative Writing Workshop: Science Writing
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 only. 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; the role of discourse in policy-making and political processes; women and political representation in New Zealand; childcare and unpaid work debates; 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
SPOL 203	Special Topic: Comparative Welfare Regimes
SPOL 209	Social Policy and the Family
SOSC 215	Reproducing Gendered Bodies
SOSC 217	Special Topic: Reflecting on Violence: Contexts, Ethics and Interventions
SOSC 219	Ideology, Utopia, Power: Issues and Paradigms in Political Sociology
SOSC 221	Special Topic

300-level courses

SPOL 302	Governance: NGOs, the State and Civil Society
SPOL 306	Social Inequality
SOSC 314	Sociology of Health and Illness
SOSC 318	Social Movements and the State
SOSC 319	Knowledge, Power and Understanding

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 49 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.

As you can see from our list of courses, sociologists explore many aspects of the social world and they ask challenging questions about it. For instance: 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 (2/3)**

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.

(X) SOSC 101

SOSC 112 **20 POINTS (1/3)**

New Zealand: Sociological Perspectives

The sociological analysis of New Zealand society.

(X) SOSC 101

200-level courses

SACS 201	Methods in Social and Cultural Research
SACS 202	Topic in Feminist Theory: Key Thinkers and Perspectives
SOSC 211	Interpreting Society
SOSC 215	Reproducing Gendered Bodies
SOSC 216	Everyday Life: Time, Space, Bodies
SOSC 217	Special Topic: Reflecting on Violence: Contexts, Ethics and Interventions
SOSC 221	Sociology of Emotion
SOSC 222	Investigations in the Social World

300-level courses

SOSC 305	Social Organisation
SOSC 314	Sociology of Health and Illness
SOSC 315	Reproducing Gendered Bodies
SOSC 318	Social Movements and the State
SOSC 319	Knowledge, Power and Understanding
SPOL 306	Social Inequality

Related subjects

Criminology, Cultural Anthropology, Economics, Education, Geography, Media Studies, Political Science, Public Policy, Social Policy, Statistics

Careers

Community support worker, journalist, law, 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 84 for major requirements.

See *Engineering*, page 142.

SPANISH

See page 49 for major requirements.

Spanish is the third most widely spoken language in the world and is spoken by over 350 million people around the world. Apart from being spoken in Spain and in 19 countries in Latin America, it is increasingly used alongside English in the USA.

Wherever your interests lie, Spanish at Victoria will open up a world of opportunities. As with all languages taught at Victoria, you can start at the level that suits you. All Spanish language classes incorporate speaking, listening, reading and writing in a programme designed to get you working in Spanish as soon as possible.

You can also study the rich diversity of culture and history in both Spain and Latin America, and explore the literatures and languages of these regions in greater detail. Take Spanish as a major or minor for a BA, or as part of a Modern Language Studies major, and equip yourself with a fascinating language that you can use wherever you go.

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 written and oral Spanish.

(P) *SPAN 111 or NCEA Level 2 in Spanish*

SPAN 113 **20 POINTS (1/3)**

Introduction to Hispanic Studies

This course, taught entirely in English, introduces students to the history, society and cultures of Spain and the Spanish-speaking countries of Latin America.

(X) *SPAN 112*

200-level courses

SPAN 213	A Twist in the Tale: The Spanish and Latin American Short Story
SPAN 215	Spanish Language 2A
SPAN 216	Spanish Language 2B
FHSS 210	Study Abroad for Language Students

300-level courses

SPAN 312	Hispanic Literary Studies: 20th-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, 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

STATISTICS

See page 103 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)**

Statistics for 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.

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 377	Probability and Random Processes
MATH 353	Optimisation
OPRE 354 [^]	Simulation and Stochastic Models
STAT 332	Statistical Inference
STAT 335	Stochastic 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 68 for major requirements.

The impact of taxation is a key aspect of financial decision-making. No person or business wants to pay more tax than they are legally obliged to pay. An understanding of tax is therefore a vital component of a commerce degree, especially in accounting.

Victoria has a team of tax specialists located within 200 metres of the pillars of the New Zealand tax system: Parliament, where the laws are made; the Treasury, where tax policy is formulated; Inland Revenue, where tax laws are administered; and the Supreme Court, Court of Appeal and High Court and the Taxation Review Authority, where tax disputes are resolved.

A Taxation major or minor provides an understanding of the most up-to-date features of New Zealand's 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 49 for major requirements.
See *Māori Studies*, page 157.

TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES (TESOL)[‡]

See page 49 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 and language use 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 the best 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 suitable for those who are intending to teach other languages.

Students majoring in TESOL will also need to take 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[‡] Puzzles and Patterns for Language Teachers
TSOL 203[‡] Text and Cultural Context

[‡]Subject to approval.

300-level courses

TSOL 301[‡] Language Teaching: Principles to Practice
TSOL 302[‡] Critical Perspectives on the Second Language Curriculum
TSOL 303[‡] Special Topic

[‡]Subject to approval.

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, Culture+Context Design, Design, English Literature, History, 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 49 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. The study of Theatre helps students develop physical, sensory, imaginative and emotional resources as well as cognitive skills, 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 the centre of it. 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.

Theatre is all about building and serving the community, and 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 the MA 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)

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
THEA 313	Shakespeare on Film

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 108 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 tutor and peers, prior to assessment. Research and referencing abilities are taught to help writers meet the expectations of university audiences.

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