Bachelor of Health majors in 2019

CHANGING LIVES!
THAT’S WHERE I’M HEADING.

STUDY HEALTH

Know your Mind? Decide for yourself.
Learn more at victoria.ac.nz/bhlth
Digital technologies are critical to ensuring that patients in our healthcare system receive quality care. New Zealand needs leaders in health informatics who can create more efficient health information management systems to ensure better patient care.

Health informatics is transforming the healthcare industry. It's much more than keeping up with technology—it’s about using technology tools and data to provide a more affordable, flexible health system and better health outcomes for our communities.

You’ll explore how the acquisition, storage and use of health data plays a critical role in improving the quality of care and reducing costs.

Your skills in accurately and ethically managing critical data will be valuable in careers such as health consultancy, information management, health management services, project management and business analysis.

Join one of the largest growing areas within healthcare. If you want to use your interest in technology to improve healthcare, then this subject is for you.

### PROGRAMME STRUCTURE

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<tr>
<th>First year</th>
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<tbody>
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<td>HLWB 202 Health and Wellbeing in Aotearoa NZ</td>
<td>INFO 354 Information Systems Strategy</td>
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<td>HLWB 103 Introduction to Human Biology for Health</td>
<td>HLWB 203 Health Evaluation and Epidemiology</td>
<td>INFO 360 Information Systems for Healthcare</td>
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<td>HLWB 104 Introduction to Health Policy and Services</td>
<td>INFO 231 Management of IT Projects</td>
<td>Two further courses from 300-level INFO or other approved courses</td>
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<tr>
<td>HLWB 105 Introduction to Health Psychology</td>
<td>INFO 264 Business Analytics</td>
<td>One further course from 200-level INFO or other approved courses</td>
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<td>STAT 193 Statistics in Practice or QUAN 102 Statistics for Business</td>
<td>INFO 101 Foundations of Information Systems</td>
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<td>INFO 151 Databases</td>
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■ Requirements specific to the major in Health Informatics.
# HEALTH INFORMATICS

## GRADUATE PATHWAYS TO EMPLOYMENT AND POSTGRADUATE STUDY

### JOBS

- Clinical informatics specialist
- Health informatics analyst
- Health informatics project leader
- Health information analyst
- Project manager
- Business analyst—national patient flow
- Business analyst—health intelligence
- Solutions developer—health intelligence
- Health information manager
- Health technology designer
- Health IT developer

### EMPLOYERS

- Health software companies
  - for example, Medtec Global, Cerner, Health Metrics, Momentum Healthware
- Governmental agencies
  - for example, Ministry of Health, Callaghan Innovation, New Zealand Trade and Enterprise

### POSTGRADUATE STUDY OPTIONS

- Bachelor of Commerce with Honours
- Master of Commerce
- Master of Information Management
  - (requires significant work experience)
- Master of e-Government
HEALTH PROMOTION

Play an important role in the community and become an advocate for improving health.

Health promoters are an essential part of the public health workforce. Work with vulnerable communities and groups to plan and develop ways to help people improve and manage their health.

You’ll focus on how communities can empower themselves to make positive change and improve their health, and how public policy can work to create a healthier community. Learn about the needs of individuals and groups by exploring the causes of poor health, and what we can do to create and sustain good health.

Investigate the psychology of behaviour change, and find out how people learn about health. You’ll learn to think critically and to use evidence-based research to find out what measures will have the greatest impact.

You’ll learn to write, plan and manage projects and find out how to communicate key messages on health issues to create change. Learn to be an advocate for policies that encourage all New Zealanders to live healthy lives. You’ll be equipped to fulfil a variety of roles in health promotion and public health, working in local authorities, health services or the voluntary sector.

If you are passionate about influencing the health choices of our communities and you are a good communicator, then this subject is the right choice for you.

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<td>Introduction to Human Biology for Health</td>
<td>Health Evaluation and Epidemiology</td>
<td>Health Promotion Practice</td>
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<td>HLWB 104</td>
<td>HLWB 206</td>
<td>HLWB 310</td>
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<td>Introduction to Health Policy and Services</td>
<td>Introduction to Health Promotion</td>
<td>Māori Health Development / Hauora Māori</td>
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<td>HLWB 105</td>
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<td>HLWB 311</td>
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<tr>
<td>Introduction to Health Psychology</td>
<td>Sociology of Health and Illness</td>
<td>Pasifika Health Development</td>
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<tr>
<td>STAT 193</td>
<td>Two 200-level elective courses plus one further elective courses</td>
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<tr>
<td>Statistics in Practice or</td>
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<td>Statistics for Business</td>
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<td>EDUC 141</td>
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<td>Human Development and Learning</td>
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■ Requirements specific to the major in Health Promotion.
HEALTH PROMOTION
GRADUATE PATHWAYS TO EMPLOYMENT AND POSTGRADUATE STUDY

JOBS

- Health promotion practitioner
- Community Māori health promotor
- Community Pasifika health promotor
- Programme designer and evaluator
- Project/account manager
- Policy and drug information adviser
- Health promoter
- Youth health lead
- Community health worker

EMPLOYERS

- Public health organisations (PHOs) for example, doctors’ practices, regional public health boards
- District health boards (DHBs)
- Non-governmental organisations for example, Heart Foundation, Cancer Society, Mental Health Foundation, Drug Foundation
- School kura kaupapa health services
- Community services
- Health Promotion Agency

POSTGRADUATE STUDY OPTIONS

- Postgraduate Certificate in Health (Health Promotion)
- Postgraduate Diploma in Health (Health Promotion)
- Master of Health in Health Promotion
- PhD
The mind and the body are intricately linked. Health Psychology aims to understand how we think and behave and how these factors interact with the physical systems of our body.

Gain an insight into human behaviour and the underlying attitudes that put health at risk. Find out how people might change these behaviours to prevent illness and promote better health.

You’ll study theories of health behaviour, including health-enhancing activities such as exercise, risky behaviour such as smoking and rehabilitation. More importantly, you’ll learn how to develop strategies to influence others to change.

Your skills in understanding, explaining and predicting human behaviour will be valuable in careers as diverse as health promotion, advertising, marketing, public relations, police work, community work and human resource management.

Make the right choice and study Health Psychology at Victoria. Uncover all you can about influencing human behaviour to improve health, and take steps towards a rewarding career.

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<td>HLWB 205 Theory and Research in Health Psychology</td>
<td>PSYC 325 Advanced Research Methods in Psychology</td>
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<td>PSYC 221 Social Psychology</td>
<td>PSYC 332 Behaviour Analysis</td>
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<td>PSYC 232 Research Methods in Psychology</td>
<td>PSYC 333 Applied Social Psychology</td>
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<td>PSYC 233 Brain and Behaviour</td>
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| PSYC 121 Introduction to Psychology 1 | One 200-level elective course plus one further elective course | Requirements specific to the major in Health Psychology.
| PSYC 122 Introduction to Psychology 2 |

**Know Your Mind**

MĀ TE MŌHIO
# Health Psychology

## Graduate Pathways to Employment and Postgraduate Study

### Jobs
- Case leader—residential services
- Youth worker
- Health researcher
- Health promoter
- Case manager
- Behavioural specialist
- Wellbeing adviser/counsellor
- Health psychologist
  (requires postgraduate study)

### Employers
- Governmental agencies
  *for example, Ministry of Justice, Ministry of Defence, Police*
- District health boards
- Airlines
- Community services
- Universities

### Postgraduate Study Options
- Postgraduate Certificate in Health (Health Promotion)
- Postgraduate Diploma in Health (Health Promotion)
- Master of Health in Health Promotion
- Master of Science in Psychology
- Postgraduate Diploma in Clinical Psychology
HEALTH SOFTWARE DEVELOPMENT

Design world-leading software systems on which our health system can rely.

Healthcare software developers are creative thinkers. Learn to develop software applications and systems that improve healthcare delivery, and support breakthroughs in medical knowledge.

Find out how you can help clinicians working in hospitals access information more easily, or how to help patients monitor their own health.

You’ll learn how to programme, test and fix bugs to create effective new software to help solve problems and make improvements to existing health information systems.

Be involved in developing tools that are used in public or private healthcare organisations. Build valuable skills and be prepared for a career in a rapidly changing and expanding digital industry.

You’ll graduate with skills and expertise that can be used in careers as diverse as software engineering, program development, test and quality assurance, technical consultancy, project management and business analysis.

If you enjoy problem-solving and want to create useful digital solutions that will help to transform the way our health systems operate, then Health Software Development is a good choice for you.

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<td>COMP 103</td>
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<td>Introduction to Data Structures and Algorithms</td>
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HEALTH SOFTWARE DEVELOPMENT
GRADUATE PATHWAYS TO EMPLOYMENT AND POSTGRADUATE STUDY

JOBS
- Software developer
- Software engineer
- Health systems analyst
- Health systems consultant
- Software implementation project manager
- Health analytics analyst
- Business systems analyst—patient access
- User systems analyst

EMPLOYERS
- Health software companies
  for example, Medtec Global, Cerner, Health Metrics, Momentum Healthware
- Governmental agencies
  for example, Ministry of Health, Callaghan Innovation, New Zealand Trade and Enterprise

POSTGRADUATE STUDY OPTIONS
- Bachelor of Science with Honours in Computer Science
- Postgraduate Diploma in Science in Computer Science
- Master of Science in Computer Science
- Master of Computer Science
Population Health looks at the factors that influence the health of different populations over their life span. Get to know how health is measured and how you can use this knowledge to develop actions or policies that lead to lasting improvements for the health and wellbeing of communities.

Keeping our communities healthy is a complex task. Examine how New Zealand is made up of diverse communities, each with unique health needs based on gender, age, location and socioeconomic and cultural background. Learn to evaluate what influences health in different groups.

Learn about New Zealand’s health system and services, and examine health policy and health management.

You’ll study health issues in a local and global context, and the social, environmental, biological and historical factors that influence health in a population. Develop skills in critical thinking and explore different research methods when assessing health issues, risk factors and potential preventive measures.

Your knowledge of the major public health challenges facing communities now and into the future will be useful in careers such as health education, research, policy development, project management, health administration, advocacy and international health development.

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<td>FCOM 111 Government, Law and Business</td>
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<td>PUBL 113 Social and Public Policy: Values and Change</td>
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Requirements specific to the major in Population Health, Policy and Service Delivery.
**POPULATION HEALTH, POLICY AND SERVICE DELIVERY**

GRADUATE PATHWAYS TO EMPLOYMENT AND POSTGRADUATE STUDY

### JOBS

- Public health adviser
- Services portfolio manager
- Project manager
- Research unit manager
- Environmental health officer
- Health policy adviser
- Health manager
- Health educator
- Health researcher

### EMPLOYERS

- Public health organisations (PHOs)  
  *for example, doctors’ practices, regional public health boards*
- District health boards (DHBs)
- Non-governmental organisations  
  *for example, Heart Foundation, Cancer Society, Mental Health Foundation, Drug Foundation*
- School kura kaupapa health services
- Community services
- Health Promotion Agency
- New Zealand Defence Force

### POSTGRADUATE STUDY OPTIONS

- Postgraduate Certificate in Health  
  *(Health Policy, Planning and Service Delivery)*
- Postgraduate Diploma in Health  
  *(Health Policy, Planning and Service Delivery)*
- Master of Health in Health Policy, Planning and Service Delivery
- Master of Health Research
- Postgraduate Diploma in Public Management
- Master of Public Management
- Postgraduate Diploma in Public Policy
- Master of Public Policy