






# Postgraduate Information Technology

[whitireiaweltec.ac.nz](http://whitireiaweltec.ac.nz)



# Master of Information Technology

	Level 9
	18 months, full-time (part-time options available)
	08 Jul 2024 (Petone)
	\$9,080* (indicative for 2024 intake)
	\$38,750* (indicative for 2024 intake)

Become an expert in your field and build on your current knowledge base. Choose hands-on research relevant to your passion from a range of options including data mining, cloud computing, business analysis, business intelligence, ICT infrastructure, information management, mobile application development, network design and management, security and forensics, quality assurance, and systems architecture. Learn alongside like-minded individuals and take the next step up in your career.

## More detail about this qualification

The Master of Information Technology is a level 9 programme that requires successful completion of a minimum of 180 credits from level 8 and 9.

There are two pathways for completing a Master of Information Technology (MIT). Both pathways require the completion of a significant research project.

The following structure is proposed for the two available pathways.

All courses 15 credits unless stated otherwise.

## Pathways

### First Pathway

This pathway provides in-depth knowledge of a topic in Information Technology and is suitable grounding work for higher studies at PhD level in New Zealand or overseas. The research produced can lead to scientific publication. This pathway enables the student to undertake significant independent research.

IT8501 - Research in Information Technology - Online/Blended delivery

IT8502 - Research Proposal - Online/Blended delivery

IT9502 - Thesis (90 credits) - Online/Blended delivery

Plus 60 credits from electives courses

### Second Pathway

This pathway requires a shorter research report than the Thesis path and more course work.

IT8501 - Research in Information Technology

IT8502 - Research Proposal

IT9501 - Applied Research Project (45 credits) - Online/Blended delivery

Plus 105 credits from electives courses

### Elective Courses

IT8426 - Advanced Project Management for Information Technology

IT8510 - Business Analysis for Information Technology

IT8511 - Business Intelligence and Data Mining

IT8512 - Cloud Computing and ICT Infrastructure

IT8515 - Multimedia Application Development for Mobile Devices

IT8516 - Network Design and Management

IT8517 - Network Security and Forensics

IT8518 - Quality Assurance and Testing

IT8519 - Systems Architecture and Technology Integration

IT8520 - Special Topic Machine learning & Artificial Intelligence

IT8529 - Blockchain and Cryptocurrency

T8521 - Research Project (30 credits)

IT8522 - Topics in Cyber Ethics

IT8524 - Internship (30 credits)

IT8527 - Cryptography & Security Mechanisms

## Career options

Graduates of the Master of Information Technology (and with further work experience in some cases) will be able to work in business, education, government, health, industry or the community sector. Potential jobs opportunities include Business Analyst, Cyber Security Specialist, Database

Disclaimer: The information contained in this document is correct at the time of print. Whitireia and WelTec | Te Pūkenga reserves the right to cancel or postpone any of the programmes, and shall not be liable for any claim other than the proportion of programme fees that the cancelled portion bears. Some programmes may be dependent upon formal approval from NZQA (New Zealand Qualifications Authority), TEC (Tertiary Education Commission) funding allocation, and the number of enrolments. As part of the NZQA targeted review of all Level 1-6 New Zealand qualifications, there may still be changes to some programmes starting in 2024. Fees, programmes, entry and selection criteria, and dates, are subject to change. Please check the relevant programme pages at [whitireiaweltec.ac.nz](http://whitireiaweltec.ac.nz) for up-to-date information and full entry regulations before applying to enrol. Information regarding English language requirements is available on each course page at [whitireiaweltec.ac.nz](http://whitireiaweltec.ac.nz).

Administrator, Information Systems Manager, Data Analyst, Network Manager, Security Specialist, Software Developer, Software Tester, Systems Administrator, Systems Analyst, Systems Integrator and Team Leader. Electives can be chosen to suit the student's likely career path.

## Entry requirements

### Domestic

A bachelor's degree or postgraduate qualification in information technology or related subject with at least a B grade average at Level 7 or 8, and be deemed to have the acquired skills and knowledge through relevant work or professional experience.

\*Domestic fee displayed is for 18-months, or 1.5 years of study (equivalent to 180 credits) but is subject to annual fee increases.

### International Students

Minimum IELTS (academic) score of 6.5 with no band score lower than 6, or equivalent.

Find your country's [equivalent academic entry requirements here](#)

*\*International fee displayed is for 1.5 years of study (equivalent to 180 credits). For fee exclusions, please see our [terms and conditions](#).*

### Additional Information



### Course selection sheet

