






# Postgraduate Information Technology

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



# Master of Information Technology

 Level 9
 18 months, full-time (part-time options available)
 24 Feb 2025 (Petone)
 \$8,850* (indicative for 2023 intake)
 \$38,750* (indicative for 2023 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,

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health, industry or the community sector. Potential jobs opportunities include Business Analyst, Cyber Security Specialist, Database 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) and does not include insurance, administration and student service fees. For more details, please email: [international@wandw.ac.nz](mailto:international@wandw.ac.nz).*

### **Additional Information**



### **Course selection sheet**



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