






Postgraduate Information Technology



Master of Information Technology

 Level 9
 18 months, full-time (part-time options available)
 07 Jul 2025 (Petone)
 \$9,602* (indicative for 2025 intake)
 NZ \$40,300* (indicative for 2025 intake)

Elevate your expertise and expand your knowledge base with hands-on research tailored to your passion. Dive into a wide range of cutting-edge topics, 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. Choose the path that excites you and become a leader in your field.

More detail about this qualification

The Master of Information Technology (MIT) requires the successful completion of a minimum of 180 credits from level 8 and level 9 courses.

There are three pathways for completing a Master of Information Technology.

All courses are 15 credits unless stated otherwise.

The following structure is proposed for the three available pathways:

Pathways

First Pathway - 90-Credit Thesis

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 - 45-Credit Applied Research Project (ARP)

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

Third Pathway - Coursework-only option

The coursework-only pathway allows students to expand their knowledge of information technology through the courses taught. This option is ideal for those who prefer practical and theoretical coursework over independent research, enabling them to engage with advanced IT topics without completing a thesis or applied research project. Students following this pathway must complete 180 credits, selecting from Level 8 and Level 9 courses to tailor their study plan according to their career goals.

[IT8501 - Research in Information Technology—Online/Blended delivery](#)

Plus, 165 credits from elective courses from levels 8 and 9.

[To graduate from MIT with the coursework pathway, students must gain at least 45 credits at Level 9.](#)

Elective Courses

- **IT8510** - Business Analysis for Information Technology
- **IT8511** - Business Intelligence and Data Mining
- **IT8512** - Cloud Computing and ICT Infrastructure
- **IT8516** - Network Design and Management
- **IT8517** - Network Security and Forensics
- **IT8518** - Quality Assurance and Testing
- **IT8519** - Systems Architecture and Technology Integration
- **IT8520** - Special Topic in Information Technology
- **IT8524** - Internship
- **IT8526** - Advanced Project Management for Information Technology
- **IT8527** - Cryptography and Security Mechanisms

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- **IT8528** - Cybersecurity
- **IT8532** - Advanced Artificial Intelligence and Machine Learning
- **IT8531** - The Ethics of Data and Artificial Intelligence
- **IT8532** - Advanced Artificial Intelligence and Machine Learning
- **IT9503** - Advanced Information Management and IT Solutions
- **IT9504** - Leadership in IT and Digital Organisations
- **IT9505** - Advanced Innovation and Design Thinking for IT
- **IT9506** - Integrated Industry Project

[MIT Pathways & FAQs](#)



[Course Descriptions](#)



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](#)



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