



Information Technology

Postgraduate Diploma & Master



Kia ora, Welcome!

The postgraduate IT programmes will enable students to gain internationally recognised skills and knowledge in the area of information technology. Graduates will be able to use their enhanced knowledge, skills and capabilities to proceed to further studies or to obtain employment in positions of responsibility that relate to the electives they choose.

Hands-on research and career relevant options including **data mining, cloud computing, business analysis, business intelligence, ICT infrastructure, information management, mobile devices, network design and management, security and forensics, quality assurance, and systems architecture**. These qualifications can lead to a NZ post-study work visa, enabling graduates to gain further skills, knowledge and experience working in the New Zealand IT industry.

Postgraduate Diploma in Information Technology (PGDIPIT)

PGDipIT is a 120 credit NZQA Level 8 postgraduate qualification.

Master of Information Technology (MIT)

MIT is a 180 credit Level 9 postgraduate qualification that includes components of the Level 8 PGDipIT programme. Students can either complete a 45 credit Applied Research Project (ARP) or a 90 credit Thesis.

Graduates who have completed a 90 credit thesis with a good grade and obtained good grades across their level 8 courses can continue to doctoral programmes offered in New Zealand or overseas.

GET IN TOUCH



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GRADUATE PROFILE

Graduates will be able to:

- critically evaluate research literature in Information Technology and related disciplines
- work effectively in multicultural teams and exercise leadership as required
- show evidence of advanced knowledge about an applied field of enquiry
- engage in rigorous intellectual analysis, criticism and problem-solving
- work independently and appreciate the need for continued learning
- demonstrate mastery of sophisticated theoretical subject matter
- apply their advanced knowledge and skills to new situations
- plan, conduct and report on substantial applied research projects
- manage projects involving the use of Information Technology
- assess the impact of Information Technology on society
- communicate effectively (orally, visually and in writing)
- research, analyse and argue from evidence
- identify, analyse and address ethical issues
- undertake further postgraduate study

EMPLOYMENT PATHWAYS

- These programmes (with further work experience) can lead to a variety of jobs in the information technology field including:
- Business/Systems Analyst
- Business Intelligence Specialist
- Database Administrator
- IT/IS Manager
- ICT Infrastructure Manager
- Information Security Specialist
- Project Manager

- Software Developer
- Software Quality Test Engineer
- Systems Integrator
- Systems Administrators

ENTRY CRITERIA

Postgraduate Diploma

Hold a Bachelor's Degree (or Graduate Certificate or Graduate Diploma) in Information Technology or related subject OR be deemed to have acquired the relevant skills and knowledge through appropriate work or professional experience.

Master

Hold a Bachelor's degree (or Graduate Diploma or Postgraduate Diploma) in Information Technology or related subject with at least a B grade average (65%) at level 7 (or 8) OR be deemed to have acquired additional skills and knowledge through relevant work or professional experience.

ENGLISH LANGUAGE REQUIREMENTS

IELTS 6.5 (with no band lower than 6.0) or equivalent (including NZCEL (Academic) Level 5).

PATHWAYS



COMPULSORY PAPERS

All papers as Level 8 unless stated otherwise.

- Research in Information Technology, 15 credits
- Research Proposal, 15 credits
- Applied Research Project, 45 credits, **OR**
- Thesis, 90 credits, Level 9

ELECTIVE PAPERS

All papers as Level 8 unless stated otherwise.

- Business Analysis for Information Technology, 15 credits
- Business Intelligence and Data Mining, 15 credits
- Cloud Computing and ICT Infrastructure, 15 credits
- Data Modelling, 15 credits
- Information Management, 15 credits
- Multimedia Application Development for Mobile Devices, 15 credits
- Network Design and Management, 15 credits
- Network Security and Forensics, 15 credits
- Quality Assurance and Testing, 15 credits
- Systems Architecture and Technology Integration, 15 credits
- Research Project, 30 credits
- Special Topic in Information Technology, 15 credits
- Topics in Cyber Ethics, 15 credits
- Service Quality Management for ICT, 15 credits
- Advanced Project Management for IT, 15 credits
- Cryptography and Security Mechanisms, 15 credits
- Cybersecurity, 15 credits
- Blockchain and Cryptocurrency, 15 credits

KEY INFORMATION



Qualification

Postgraduate Diploma in Information Technology (Level 8)
Master of Information Technology (Level 9)



2021 Start Dates

1 March, 12 July



Campuses

Whitireia Auckland, Te Auaha Wellington



Duration

PG Diploma: 1 year, Master: 1.5 years



NZQA Level

Levels 8 & 9



Credits

PG Diploma: 120 credits, Master: 180 credits



Fees

PG Diploma: NZD \$22,000
Master: NZD \$31,500 (Y1: NZD \$22,000, Y2: \$9,500)

CONTACT US



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