

Postgraduate Information Technology



Postgraduate Certificate in Information Technology

📖	Level 8
🕒	17 weeks, full-time, part-time options available
📅	07 Jul 2025 (Petone)
💰	\$4,612 (indicative for 2025 intake)
🌐	NZ \$14,300* (indicative for 2025 intake)

Take your skills to the next level with this postgraduate qualification. Work on a project in your chosen field and broaden your problem-solving abilities. Gain a mix of business and technological skills and head into the industry with a fresh perspective.

What you will learn

The Postgraduate Certificate in Information Technology equips you with advanced skills in essential IT areas, preparing you for specialised roles in the industry. The programme offers flexibility in course selection, allowing you to tailor your studies to align with your career goals.

Throughout this programme you will:

- **Enhance Your Technical Expertise:** Focus on key IT areas such as network security, data analytics, software development, and systems architecture.
- **Engage in Practical Research:** Undertake research that examines the societal impact of IT, equipping you with the ability to analyse and solve complex problems.
- **Explore Ethical Perspectives:** Understand the ethical, social, and legal implications of IT, preparing you to tackle the challenges of today's IT landscape.

Elective options include:

- Advanced Multimedia Development
- Network Security and Digital Forensics
- Business Intelligence and Data Analytics
- Cyber Ethics and IT Governance
- Blockchain and Cryptocurrency
- Cloud Computing and ICT Infrastructure
- Mobile Application Development

- Machine Learning and Artificial Intelligence

This 60-credit, Level 8 qualification can be completed in one semester or over two trimesters, with part-time options available to suit your schedule.

Study part-time

Are you looking to study part-time while you work or balance other commitments?

This programme includes part-time study options for people who want the flexibility of studying while they manage other commitments.

Courses

Compulsory courses: 15 credits at level 8

All courses are 15 credits unless stated otherwise.

[IT8101 - Research in Information Technology](#)

Elective courses

All courses are 15 credits unless stated otherwise.

- 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
- IT8528** - Cybersecurity
- IT8532** - Advanced Artificial Intelligence and Machine Learning
- IT8531** - The Ethics of Data and Artificial Intelligence
- IT8532** - Advanced Artificial Intelligence and Machine Learning

Career options

- Security engineer
- Network manager
- Software developer

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 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.

- IT systems analyst
- Database manager

Entry requirements

A bachelor's degree or equivalent in information technology or related subject or evidence of relevant skills and knowledge through appropriate work or professional experience.

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](#)

**For fee exclusions, please see our [terms and conditions](#).*

Related study options

[Postgraduate Diploma in Information Technology](#)

[Master of Information Technology](#)

Additional Information



Course selection sheet



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