



# Postgraduate Information Technology


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




# Postgraduate Certificate in Information Technology

 Level 8

 17 weeks, full-time, part-time options available

 08 Jul 2024 (Petone)

 \$4,638 (indicative for 2024 intake)

 \$10,313\* (indicative for 2024 intake)

Use this 17-week programme to take your skills to the next level with a postgrad qualification. Work on a project in your chosen field and broaden your problem-solving abilities. Gain a mix of technological skills and business awareness and head into the industry with a fresh perspective.

## What you will learn

The ICT industry is one of the fastest-growing industries in the world. As a result, there's a huge demand for industry-ready ICT graduates who have the right mix of technological skills and business awareness. The aim of The Postgraduate Certificate in Information Technology is to meet the demand for highly skilled network and data professionals, coders, system architects, developers, business analysts, cyber security experts, and other work-ready ICT professionals.

The Postgraduate Certificate in Information Technology is a 60 credit level 8 qualification, which can be completed in one semester or two trimesters or the equivalent part-time.

- Work on research projects
- Investigate the impact of IT on society
- Consider different perspectives on IT
- Elective options include:
  - Multimedia application development
  - Network security and forensics
  - business analysts
  - Cyber ethics

## 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.

[IT8110 - Business Analysis for Information Technology](#)

[IT8111 - Business Intelligence and Data Mining](#)

[IT8112 - Cloud Computing and ICT Infrastructure](#)

[IT8115 - Multimedia Application Development for Mobile Devices](#)

[IT8116 - Network Design and Management](#)

[IT8117 - Network Security and Forensics](#)

[IT8118 - Quality Assurance and Testing](#)

[IT8119 - Systems Architecture and Technology Integration](#)

[IT8120 - Special Topic Machine learning & Artificial intelligence](#)

[IT8121- Research Project \(30 credits\)](#)

[IT8122 - Topics in Cyber Ethics](#)

[IT8124 - Internship \(30 credits\)](#)

[IT8126 - Advanced Project Management for Information Technology](#)

[IT8127 - Cryptography & Security Mechanisms](#)

[IT8129 - Blockchain and Cryptocurrency](#)

## Career options

- Security engineer
- Network manager

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- Software developer
- IT systems analyst
- Database manager

## Entry requirements

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

## International Students

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

### International online programme information

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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