Postgraduate
Information Technology

Helena

🎓 Master of IT

In 2020, Helena and her family made the move to Wellington from Changchun City, China. In 2023, Helena celebrated completing a Master of Information Technology after a year and a half of full-time study.

Helena's final paper, "A Systematic Literature Review on the Selenium-based Test Automation Framework (TAF) for Web Applications", was so highly applauded by her tutors that it was used as an example for other students.

Helena loved the friendly culture at Whitireia and is grateful for her supportive tutors. The COVID-19 lockdowns were a challenge, but Helena's tutors were able to be flexible. "Despite the challenges posed by the pandemic, we had regular online meetings."

"My supervisor was incredibly friendly and patient throughout my studies, especially during the completion of my final paper, helping me overcome any obstacles and motivating me to find innovative solutions.

I am truly grateful for their dedication and hard work, as it has greatly benefited me and my future."

When Helena first moved, she completed the New Zealand Certificate in English Language (Academic), which she says helped her immensely prior to starting the Master's programme.

In Changhun City, Helena worked at a local university. She heard about Whitireia and WelTec through an agent in China, but it was only after she checked it out online that she decided it was the place for her. Seeing Wellington described as New Zealand's "cool little capital" helped cement the decision for her and her family.

With two kids enjoying school and her husband working as a builder, Helena's family plans to stay in New Zealand. They enjoy the milder climate here compared to Changhun City, which can get down to temperatures of –25 celsius.

Helena's dream is to be a software developer. She is excited to take the next step in her journey, in New Zealand's technology sector.

Follow the QR code below to read the full story.

Postgraduate Diploma in Information Technology

📖	Level 8
🕐	1 year full-time (part-time options available)
📅	07 Jul 2025 (Petone)
💲	$8,512 (indicative for 2025 intake)
🌐	NZ $28,600* (indicative for 2025 intake)

Take your IT skills to the next level by specialising in the area that interests you most. Explore the latest technology in fields like Data Mining and Business Intelligence, Cloud Computing, Network Design, Security and Forensics, Quality Assurance and Testing, Blockchain, and Cybersecurity. Work alongside others who share your passion, and take the next step in your career, becoming an expert in the fast-changing IT industry.

What you will learn

Develop specialist knowledge in your chosen area of Information Technology and master effective project management. Elective options include:

- Business Intelligence and Data Mining
- Mobile Application Development
- Cloud Computing and ICT Infrastructure
- Network Security and Forensics
- Information Management
- Blockchain and Cryptocurrency
- Information Assurance
- Network Fundamentals
- Cyber Ethics

Tailor your learning experience to match your career goals and stay ahead in the dynamic field of IT.

Study part-time

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

More detail about this qualification

Schedule of Courses and Options

The Programme has two compulsory papers and a range of electives as shown below:

All courses are 15 credits unless stated otherwise.

Compulsory Courses

Compulsory (15 credits at level 7, 15 credits at level 8)

IT8426 - Advanced Project Management for Information Technology

IT8401 - Research in Information Technology

Elective Courses

IT8410 - Business Analysis for Information Technology

IT8411 - Business Intelligence and Data Mining

IT8412 - Cloud Computing and ICT Infrastructure

IT8415 - Multimedia Application Development for Mobile Devices

IT8416 - Network Design and Management

IT8417 - Network Security and Forensics

IT8418 - Quality Assurance and Testing

IT8419 - Systems Architecture and Technology Integration

IT8420 - Special Topic Machine learning & Artificial intelligence

IT8421 - Research Project (30 credits)

IT8422 - Topics in Cyber Ethics

IT8424 - Internship (30 credits)

IT8427 - Cryptography & Security Mechanisms

IT8429 - Blockchain and Cryptocurrency

Entry requirements

A bachelor's degree or postgraduate qualification in information technology or related, 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.

Find your country's equivalent academic entry requirements here

*For fee exclusions, please see our terms and conditions.

Related study options

Master of Information Technology

Course selection sheet