Cybersecurity

Joseph

STUDIED	**Bachelor of Information Technology**
WORKS AS	**TX Engineer**

"The best thing I ever did was study tech.**"**

Joseph was always fascinated with the world of technology, and after chatting with someone in the IT industry he knew it was what he wanted to do.

The Bachelor of Information Technology at Whitireia felt like the perfect fit for Joseph; "One of my favourite things was the smaller class sizes. I got to build genuine relationships with my tutors as well as the other students," he says.

Throughout his studies, Joseph was introduced to the skills and knowledge needed to pursue a career in IT. He learnt a wide range of concepts that helped him understand different facets of the industry; "At the time I didn't know which part of IT I wanted to focus on, so learning about a broad range of areas was really helpful."

In his final year, Joseph completed a capstone project where he worked directly with industry to create IT solutions for real-world problems. Building those industry connections before entering the workforce was key to Joseph's success.

Now a Senior TX Engineer at New Zealand's biggest wealth development platform Sharesies, Joseph is proud to use his skills to support his colleagues and ensure they have the technology to do their best.

Joseph encourages anyone interested in tech to get into the industry; "IT is for everyone, you don't have to fit into the typical 'IT stereotype' to work in the industry, being different is valuable."

Graduate Diploma in Cybersecurity

📖	Level 7
🕐	1 year full-time (part-time options available)
💲	$7,200 (indicative for 2023 intake)
🌐	$25,000* (indicative for 2023 intake)

Launch your cybersecurity career with the skills used in the industry. Gain an in-depth understanding of security in the tech world to design secure systems and assess cyber threats. Learn in a supportive environment from industry experts.

Programme outline

The aim of the Graduate Diploma in Cybersecurity (GDipCS) is to create a set of information technology professionals who have the ability to think about information security and assurance within an enterprise system, and know how to integrate security policy, practices and technologies into an operational infrastructure.

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

The Graduate Diploma in Cybersecurity is a 120 credit programme with two compulsory and thirteen available elective courses. To graduate from the Graduate Diploma in Cybersecurity, students need to complete at least five courses at level 7 (including the two compulsory courses, CS7501 and IT7502) and three other elective courses at levels 5, 6 or 7.

Courses

Compulsory courses

IT7502 – Digital Ethics

CS7501 - Information Security III

Elective courses

Level 5

IT5504 - Information Security I

IT5506 - Introduction to Networking

Level 6

CS6501 - Information Security II

CS6502 - Linux System Administration

CS6503 - Digital Forensics

CS6504 - Cryptography and Blockchain Fundamentals

Level 7

CS7503 – Network Fundamentals for Information Assurance and Security

CS7504 – Security for DevOps

CS7505 – Incident Response and Digital Forensics

CS7506 – Cloud Security

IA7307 – Cryptography and Security Mechanisms

IA7308 – Security Testing and Network Defence

Career options

Graduates of these qualifications will have the skills and knowledge to work in the IT industry in a range of roles such as security consultant, security analyst, security administrator, incident analyst, incident handler, information assurance analyst, security assessor/auditor, security engineer, penetration tester, digital forensic analyst, network forensic analyst, malware analyst, security developer or other information/cybersecurity-related support roles e.g. service desk.

Entry requirements

Domestic

Bachelor degree or equivalent practical, professional or educational experience in the IT industry.

International

An international English Language Testing System (IELTS) overall academic score of at least 6.0 (with at least 5.5 in each band) issued within the last two years, or equivalent.

Find your country's equivalent academic entry requirements here

*International fee displayed is for 1 year of study

(equivalent to 120 credits) and does not include insurance, administration and student service fees. For more details, please email: international@wandw.ac.nz.

Additional Information

Programme information
Course selection sheet