



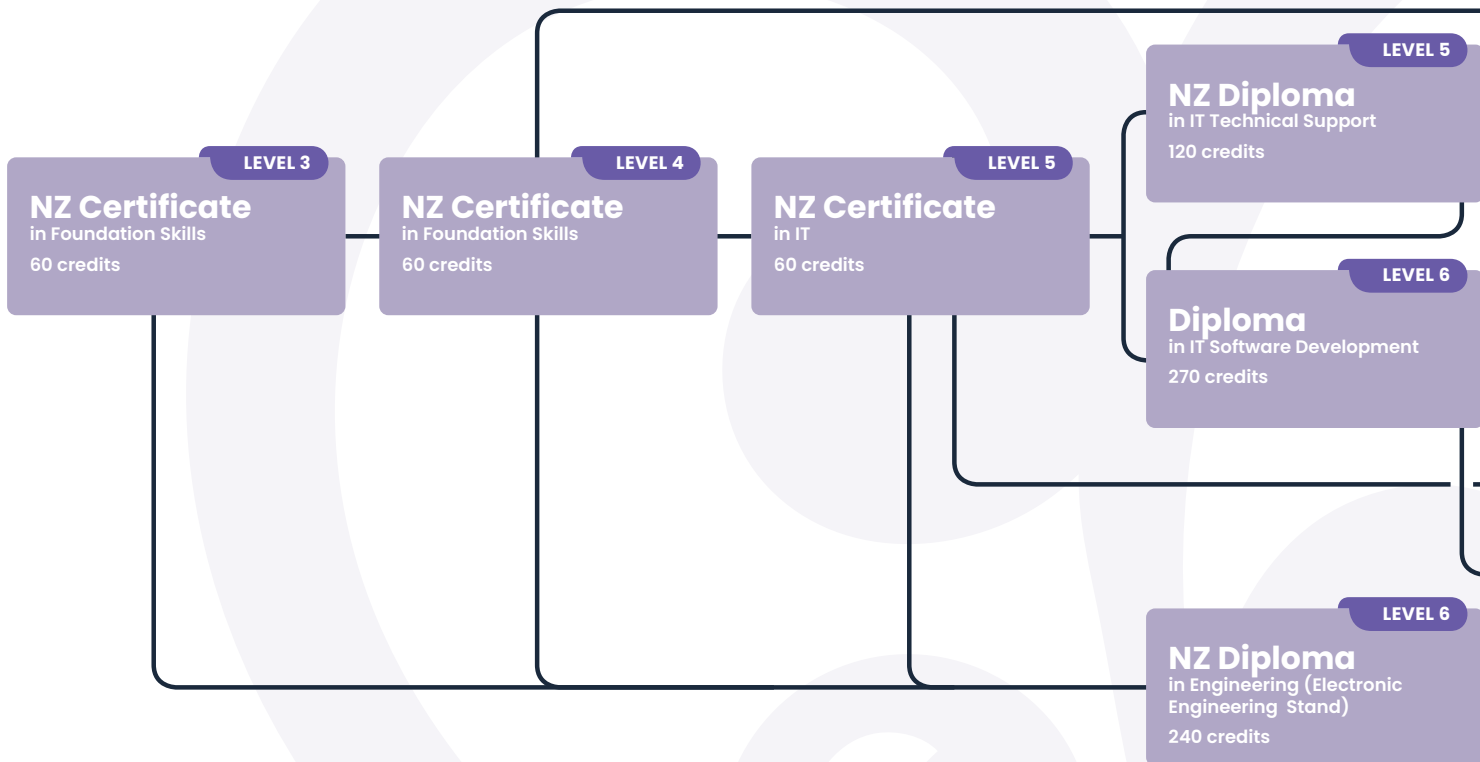
Skill Up Your Future with NZSE



School of
Tech



Our Pathways



School of Tech

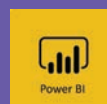
TE KURA HANGARAU MŌHIOHIO PAKIHI

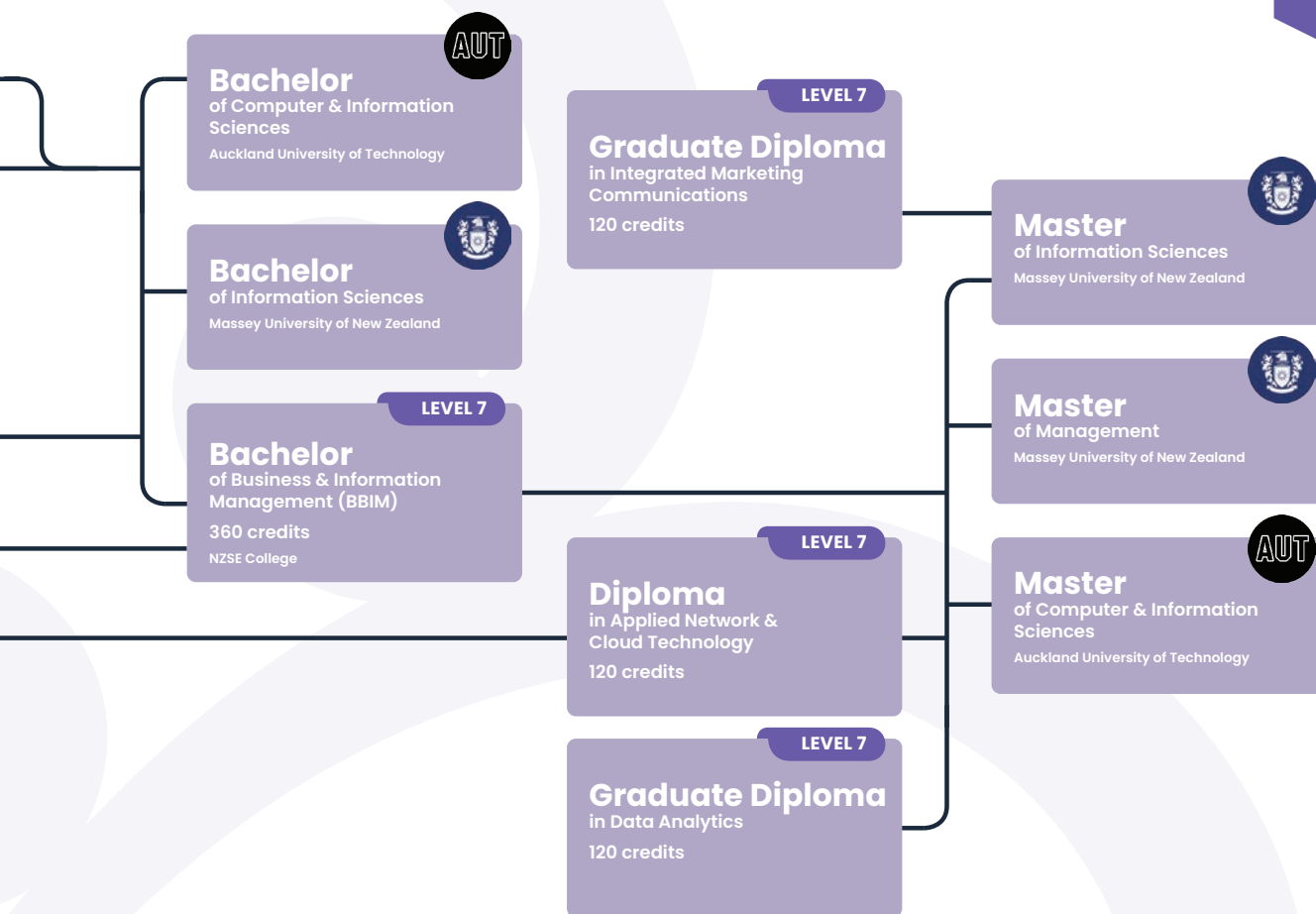
Whether you're taking your first steps in technology or you're looking to upskill, at NZSE's School of Tech you'll gain knowledge and opportunity at work and in life.

As the world continues to embrace technology at almost every human touch-point, you'll be job-ready with tech-related skillsets that covers the wide spectrum of industries. With a focus on technology fundamentals, you'll also develop transferable soft skills so that you can thrive. NZSE's experienced tutors keep you up to date with both the skills and qualifications that employers are looking for. From day one you'll connect with our industry partners while industry-based projects will prepare you for the modern workplace well before you graduate.

Possibilities are endless when you have the technical know-how.

Globally recognised Industry Certifications





Industry Roles



IT Technician



Help Desk Technical Support



Security Analyst



Cloud Administration



Applications Support Analyst



Business Analyst



Computer Technician



Full-Stack Developer



System & Network Administration



Software Testing

"I've been interested in tech since I was 10 years' old. Thanks to the help and support from NZSE, I rediscovered my passion for it and now have my own PC repair shop."

Myles Foster

Kiwi Computers Owner & Operator





NZ Certificate in Foundation Skills

DURATION: **18 weeks** (per level)
 CREDITS: **60 credits** (per level)
 DELIVERY: **Auckland CBD | Online** (for off-shore students)

Level
3 & 4

Through these programmes, you can achieve the New Zealand Certificate in Study and Employment Pathways (Level 3 & Level 4). After level 3, you can pathway into the New Zealand Diploma in Engineering. Upon completion of both level 3 and 4 programmes, you may pathway into the Bachelor of Business Information Management, or other university studies.

What will you Learn?

Level 3:

- Culture and Communication
- Strengths, Opportunities & Goal Planning
- Software Development Tools & Techniques
- Mathematical Problem Solving or Maths and Drawing for Engineering

Level 4:

- Statistics and Data Handling
- Working in a Team
- Personal Qualities and Skills
- Surveys, Evaluation and Analysis
- Rangatiratanga and Personal Branding.

What is Next?

Further study

- Pathways to graduate and post-graduate programmes at universities, in New Zealand or overseas, or to Te Pūkenga or Private Training Establishments (PTEs) in New Zealand.
- New Zealand Diploma in Engineering
- Bachelor of Business Information Management
- Other higher-level studies.

Intro to Aotearoa New Zealand:

- Learn about the indigenous culture in New Zealand, and its history, values and language.
- Benefit from local insights when you come to New Zealand and apply to higher-level studies.

Entry Criteria

It is recommended you hold:

- NCEA Level 1 or 2 qualification or equivalent overseas qualifications.
- Literacy (step 3) and Numeracy (step 3) or equivalent.
- Sufficient competency in the English language, as these programmes are taught and assessed in English. For Level 4 you need IELTS Academic score of 5.5, with no band score lower than 5 or NZCEL (Academic) Level 4 or equivalent.
- Onshore international students are required to have a valid visa and insurance.
- Distance Online [Offshore] students do not require a visa or insurance as they will be in their own country.
- These programmes are subject to NZQA approval.

Gain access to Higher level study at our Partner Universities

Terms and conditions apply*
 Contact us for more information



MASSEY UNIVERSITY
 TE KUNENGA KI PŪREHUROA
 UNIVERSITY OF NEW ZEALAND



NZ Certificate & Diploma in IT Technical Support

DURATION: 18 Weeks Certificate + 18 Weeks Diploma
CREDITS: 60 credits Certificate + 60 Credits Diploma
DELIVERY: Auckland CBD | Online (for off-shore students)

Level 5

IT skills are an important factor to the success of any business making an industry with very high demand for skilled people. Studying for a **Certificate**, you will gain essential knowledge and practical skills about IT environments, user needs, programming, website development and database application.

Continuing on to a **Diploma** will provide you a broad understanding of the core concepts and practical skills in IT, with a technical support focus. You will have an awareness of the IT environment and appreciate the needs of users. You will operate within the applicable professional standards and practice, as part of a team, or independently with a broad level of supervision.

What will you Learn?

Certificate:

- Network Technologies
- Programming
- Technology in Society
- Web Design and Database Application

Diploma - all the above plus:

- Computer Network Principles
- Operating Systems
- Security Fundamentals
- IT Support and Service Management

What is Next?

Further study

- Diploma in IT Software Development Level 6
- Diploma in Applied Network & Cloud Technology Level 7*
- Bachelor in Business Information Management

Start your Career as a:

- Computer Technician
- Help Desk Technical Support
- Network/System Administration (Entry level)
- Application Support Analyst

Entry Criteria

- Open entry with interview.
- There are no compulsory academic entry requirements, however it is recommended that learners enrolling for this programme hold one of the following:
 - NCEA Level 2/3 with appropriate credits in mathematics and digital technologies subjects
 - New Zealand Certificate in Computing (Intermediate User) (Level 3)
 - New Zealand Certificate in Computing (Advanced User) (Level 4)
 - New Zealand Certificate in Information Technology Essentials (Level 4)
 - New Zealand Certificate in Information Technology (Level 5)
 - or possess equivalent knowledge, skills and experience
- Onshore international students are required to have a valid visa and insurance.
- IELTS Academic score of 5.5 with no band less than 5.0 or NZCEL (Academic) Level 4 or equivalent.

This Diploma can be cross credited to 60-120 credits into a University Bachelor degree

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MASSEY UNIVERSITY
 TE KUNENGA KI PŪREHUROA
 UNIVERSITY OF NEW ZEALAND



Diploma in IT Software Development

DURATION: Two Academic Years
CREDITS: 270 credits
DELIVERY: Auckland CBD | Online (for off-shore students)

Level 6

This Diploma is key to your future in becoming a Software Developer and being in a highly paid role in the IT industry. You will gain specialist practices and technical skill in software development with a focus on Game Programming and Mobile and Application Development.

What will you Learn?

- Network Technologies
- Programming
- Technology in Society
- Web Design and Database Application
- Digital Service
- Data Analysis
- Data Structures and Algorithms
- IT Project Management
- Database Design and Development
- Applied Operating Systems
- Program Design and Construction
- Software Development Practices
- Game Programming
- **Mobile and App Development**

What is Next?

Further study

- Diploma in Applied Networking & Cloud Technology Level 7
- This Diploma can be cross credited to 240 credits into a University Bachelor degree.
 - Bachelor of Computer and Information Sciences (AUT)*
 - Bachelor of Information Sciences (Massey University)*

Start your Career as a:

- Software Testing
- Full-Stack Developer
- Front End Developer
- Back End Developer
- Data Engineer
- Mobile Developer
- UX Designer
- Computer Systems Administrator

Entry Criteria

- There are no compulsory academic entry requirements, however it is recommended that you hold one of the following qualifications:
 - NCEA Level 2 or 3 with appropriate credits in mathematics and digital technologies subjects
 - New Zealand Certificate in Information Technology Essentials (Level 4) [Ref: 2594]
 - New Zealand Certificate in Information Technology (Level 5) [Ref: 2595]
 - or possess equivalent knowledge, skills and experience.
- IELTS Academic score of 6.0 with no band less than 5.5 or NZCEL (Academic) Level 4 or equivalent

This programme prepares students towards the following certifications

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This Diploma can be cross credited to 240 credits into a University Bachelor degree

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MASSEY UNIVERSITY
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 UNIVERSITY OF NEW ZEALAND



NZ Diploma in Engineering (Electronic Engineering Stand)

DURATION: Two Academic Years
CREDITS: 240 credits
DELIVERY: Auckland CBD

Level 6

The programme is designed for pursuing a wide range of career opportunities in the New Zealand electronics industry as an electronics engineering technician. The courses in the programme are focused on the design and implementation of engineering technology that provides learners with sound thinking and informed problem-solving abilities. The learners will be able to identify, evaluate and manage risks within well-defined engineering problems.

What will you Learn?

- Engineering fundamentals and theory
- Principles of engineering science
- Electronic Design and drawing
- Electrical and electronics principles
- Introduction to Networks
- Software programming
- Micro-controller programming
- Electronic manufacturing
- Healthcare technology

What is Next?

Further study

- Bachelor of Engineering Technology (Electrical)
- Bachelor of Engineering (Electrical & Electronics)

Start your Career as a:

- Electronic technician
- Design, install, service, and maintaining of electronic devices

Entry Criteria

- NCEA Level 2*, and
- A minimum total of 48 credits at level 2 in four subjects including at least 12 credits in mathematics (preferably achievement standards in algebra, calculus or trigonometry), or
- equivalent qualifications (e.g. International Baccalaureate or Cambridge), or
- equivalent credits from appropriate trades training and/or demonstrated skills and experience
- * including a minimum of 10 literacy credits at level 1 or higher (for those who achieved NCEA Level 2 before 2013).

Language Requirements:

- In addition to meeting the minimum entry criteria, for those applicants which English is their second language (including International students), overall IELTS language requirements apply:
- Overall Band Score (Academic) of 6.0 IELTS, with no individual score less than 5.5, or equivalent.

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MASSEY UNIVERSITY
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UNIVERSITY OF NEW ZEALAND

Bachelor of Business Information Management

THIS DEGREE HAS THREE MAJORS:

Business Information Systems

Integrated Marketing Communications

Data Analytics

DURATION: Three Academic Years

CREDITS: 360 credits

DELIVERY: Auckland CBD

Level 7

A successful career stems from one degree that combines both business and IT. This multi-disciplinary programme provides you with cutting-edge and world-leading specialist technical skills required to excel in any type of organisation. With both theoretical and practical hands-on learning, you'll be equipped with the vital communication, analytical and problem-solving skills.

For full-time students, the degree can be completed in three consecutive years. Eight courses are undertaken in each year that includes a 45-credit Capstone Industry Project in Year 3. Part-time students undertake the same courses over a maximum of six years. Throughout this degree, real-life Industry projects are embedded.

What will you Learn?

- How to use IT tools when supporting management in making informed business decisions
- Focus on information systems and data analytics
- Skills and knowledge to benefit large corporations, SMEs, NGOs, Māori and Pacific businesses and communities.

What is Next?

Further study

- Pathways to post-graduate programmes at universities, in New Zealand or overseas, or to Te Pūkenga or Private Training Establishments (PTEs) in New Zealand.

Start your Career as a:

- See below, based on your choice of major.

Business Information Systems Major:

- IT Technical Support Officer
- Systems Analyst
- Applications Developer
- Business Analyst
- Process Analyst
- Systems Developer
- Application Analyst
- Cybersecurity Analyst

Integrated Marketing Communications Major:

- Customer Insights Analyst
- Web Content Creator
- Communications Analyst
- Marketing Analyst
- Consumer Marketing Coordinator
- Marketing Strategist
- Rebranding Assistant
- Sales Development Representative
- Digital Marketing Coordinator
- Social Media Specialist

Data Analytics Major:

- Data Analyst
- Business Insights Analyst
- Database Developer Administrator
- Business Intelligence Analyst
- Data Insights Analyst
- Research Analyst
- Quantitative Analyst
- Data Warehouse Engineer
- Machine Learning Analyst
- Marketing Data Analyst
- Social Media Data Analyst



General Admission and Entry criteria

Applicants are required to have:

University Entrance: (As specified by NZQA) NCEA Level 3 comprised of 60 credits at NCEA Level 3 or above and 20 credits at NCEA Level 2 or above, including:

14 credits each at NCEA Level 3 in three approved subjects; **and**

UE Literacy (10 credits at NCEA Level 2 or above made up of 5 credits each in reading and writing); **and**

UE Numeracy (10 credits at NCEA Level 1 or above) made up of specified achievement standards or a package of specified unit standards

72 credits at NCEA Level 2 including:

A minimum of 14 credits in each of four subjects; **and**

UE Literacy (10 credits at NCEA Level 2 or above made up of 5 credits each in reading and writing); **and**

UE Numeracy (10 credits at NCEA Level 1 or above

OR

UE equivalent in Cambridge International Examinations. (CIE 120 rank score).

UE equivalent in International Baccalaureate. (IB 24 rank minimum).

OR

A relevant qualification at Level 3 on the NZQF or above and the equivalent of UE Literacy and UE Numeracy.

The New Zealand Certificate in IT Essentials (Level 4)

OR

A New Zealand or overseas qualification assessed to be equivalent to GPA of 5 or higher by the Head of School.

Passes in other certificate/diploma qualifications or courses with a GPA of 5 or higher by the Head of School.

Special admission could be provided based on the approval of the Academic Director.

International students must meet the General Admission Criteria (or equivalent),

English language requirements and hold a valid study visa to enrol in this programme.

Special Admission

Applicants aged 20 years or above who have not met the General Admission and Entry Requirements may be eligible for special admission. Special admission may be granted upon evaluation by the Head of School and the Academic Board, or delegate authority based on supplied evidence.

This programme prepares students towards the following certifications

Terms and conditions apply*
Contact us for more information





Graduate Diploma in Data Analytics

DURATION: One Academic Year
CREDITS: 120 credits
DELIVERY: Auckland CBD

Level 7

One of the most in-demand skillsets required by businesses today, Data Analytics is the intersection of information technology, statistics, and business. Gain skills and knowledge to support management of large and small organisations so that they can enhance efficiencies and improve both productivity and performance. With a practical application of knowledge, learn various methods of collecting data from a range of sources. Gain hands-on experience, work collaboratively and devise innovative solutions.

What will you Learn?

- Data Collection and Analysis
- Data Transformation and Management
- Advanced Data Engineering
- Machine Learning and AI
- Big Data Analytics
- Emerging Trends and Technologies
- Capstone Project

What is Next?

Further study

- Pathways to graduate and post-graduate programmes at universities, in New Zealand or overseas, or to Te Pūkenga or Private Training Establishments (PTEs) in New Zealand.

Start your Career as a:

- Data Analyst
- Business Insights Analyst
- Database Developer Administrator
- Business Intelligence Analyst
- Data Insights Analyst
- Research Analyst
- Quantitative Analyst
- Data Warehouse Engineer
- Machine Learning Analyst
- Marketing Data Analyst
- Social Media Data Analyst

General Admission and Entry criteria

- Domestic and International applicants must hold a relevant and recognised Degree Level qualification equivalent to at least 360 credits at NZQA Level 7 or equivalent.
- Applicants aged 20 years or above who have not met the General Admission and Entry Requirements may be eligible for special admission. Talk to us if you want to know more.
- International students are required to have an International English Language Test System (IELTS) Academic score of 6.0 with no individual band score lower than 5.5; or equivalent and hold a valid study visa to enrol in this programme.

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MASSEY UNIVERSITY
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UNIVERSITY OF NEW ZEALAND



Graduate Diploma in Integrated Marketing Communications

DURATION: **One Academic Year**

CREDITS: **120 credits**

DELIVERY: **Auckland CBD**

Level 7

Become equipped with a suite of transferrable skills that are crucial in modern marketing to ignite future career success. By applying marketing strategy theory to team-based work and industry projects, you'll gain practical experience to make informed business decisions that benefit all types of organisations such as SME, NGOs, Māori and Pacific businesses, and more. Combining marketing and business with advertising and public relations you'll be able to promote key messages through several channels.

What will you Learn?

- Data Collection and Analysis
- Digital Marketing
- Services Marketing Management
- Entrepreneurship and New Venturing

What is Next?

Further study

- Pathways to graduate and post-graduate programmes at universities, in New Zealand or overseas, or to Te Pūkenga or Private Training Establishments (PTEs) in New Zealand.

Start your Career as a:

- Customer Insights Analyst
- Web Content Creator
- Communications Analyst
- Marketing Analyst
- Marketing Strategist
- Rebranding Assistant
- Consumer Marketing Coordinator
- Sales Development Representative
- Digital Marketing Coordinator
- Social Media Specialist

General Admission and Entry criteria

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MASSEY UNIVERSITY
TE KUNENGA KI PŪREHUROA
UNIVERSITY OF NEW ZEALAND



Diploma in Applied Network and Cloud Technology

DURATION: One Academic Year
CREDITS: 120 credits
DELIVERY: Auckland CBD | Online (for off-shore students)

Level 7

Learn to design, build, manage, evaluate and maintain scalable cloud-based solutions to enhance an organisation's performance while managing the security of network and cloud systems whilst applying project management methodologies and practices. Graduate work-ready with the technical knowledge, soft skills and real-world industry experience to spark success in the world of IT and business.

What will you Learn?

- Network Infrastructure and Administration
- Cloud Infrastructure and Administration
- Wireless Network Systems
- Internet of Things (IoT)
- Network and Cloud Security
- Network and Cloud Design and Assessment
- Internship or Industry-based Project

What is Next?

Further study

- Master of Computer and Information Sciences (AUT)*
- Master of Information Sciences (Massey University)*

Start your Career as a:

- Network and System Administrator
- Cloud Administrator
- Cloud Network Engineer
- Service Desk Analyst
- Security Analyst

Entry Criteria

- Graduates of any Bachelor degree, or Level 6 IT or Business qualification, or Level 5 with one year of work experience in IT.
- IELTS Academic score of 6.0 with no band less than 5.5 or NZCEL (Academic) Level 4 or equivalent.
- Onshore International students require a visa and insurance however Offshore International students do not need a visa or insurance.

This programme prepares students towards the following certifications

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