



**AUCKLAND
INSTITUTE
OF STUDIES**
NEW ZEALAND

IT professionals are crucial
to Covid – 19 recovery in **New
Zealand***.



**INFORMATION
TECHNOLOGY**

2022

* Source: <https://www.itproportal.com/news>

Qualification	NZQA Level	Duration	2022 Intakes	Entry Requirements	Docs required	Work Options	Outcomes	Pathways	Immigration Benefits*	Fees (NZD)
New Zealand Certificate in Information Technology	Level 5	28 weeks (2 trimesters)	1 Feb 23 May 12 Sep	<ul style="list-style-type: none"> Hold 40 credits at NCEA level 2 or above, including at least 10 literacy credits and 10 numeracy credits, or Hold a New Zealand Diploma in Information Technology Essentials (Level 4), or Hold a New Zealand Certificate in Computing (Level 4) or Hold an overseas qualification evaluated as equivalent to the above, or Can demonstrate via a pre-enrolment assessment that they have equivalent knowledge, skills and experience, and English level equivalent to IELTS 5.5 (Academic) (with no band less than 5.0) / TOEFL iBT 46 (with a writing score of 14) / PTE academic score of 42 with no band lower than 36 / AIS Test of English Proficiency (TEP) 48/80 (with no band less than 11) (for domestic students only) or Gain approval under Admission Regulation 3: Special Admission 	Application form + passport copy + school final transcripts + English test results	20hrs per week on student visa + full-time during trimester breaks	Graduates of this qualification will have the skills and knowledge to work in the IT industry as an emerging professional in a range of entry-level roles, and IT-related retail roles. You can also progress onto further IT qualifications such as a Bachelor's degree, Postgraduate Diploma or Master's study.	NZDITTS/BIT/ PGDIT/MIT		International: \$10,520 Domestic: \$3,520
New Zealand Diploma in Information Technology Technical Support	Level 5	1 year (3 trimesters)	1 Feb 23 May 12 Sep	<ul style="list-style-type: none"> Hold 40 credits at NCEA level 2 or above, including at least 10 literacy credits and 10 numeracy credits or Hold a New Zealand Diploma in Information Technology Essentials (Level 4) or Hold a New Zealand Certificate in Computing (Level 4) or Hold a New Zealand Certificate in Information Technology (Level 5) and Have an English level equivalent to IELTS 5.5 (Academic) (with no band less than 5.0) / TOEFL iBT 46 (with a writing score of 14) / PTE academic score of 42 with no band lower than 36 / AIS Test of English Proficiency (TEP) 48/80 (with no band less than 11) (eligible students only) 	Application form + passport copy + school final transcripts + English test results	20hrs per week on student visa + full-time during trimester breaks	Graduates of this diploma will acquire the skills and knowledge they need to work as a computer technician, help desk/technical support officer, entry-level network administrator, network engineer, or an application support analyst. You can also progress onto further IT qualifications such as a Bachelor's degree, Postgraduate Diploma or Master's study.	BIT/ PGDIT/MIT		International: \$20,000 Domestic: \$6,000
Bachelor of Information Technology (BIT)	Level 7	3 years (9 trimesters)	1 Feb 23 May 12 Sep	<ul style="list-style-type: none"> A minimum of 14 NCEA credits in each of 3 subjects at Level 3 including 9 credits in mathematics, and a minimum of 14 numeracy credits at Level 1 or higher, and a minimum of 8 literacy credits at Level 2 or higher; or Successfully undertaken tertiary study, including mathematics at a level equivalent to 9 credits at Level 3; or Successful completion of a Level 4 qualification in Computing; or Equivalent overseas qualification; and IELTS 6.0 academic (with no band less than 5.5) / TOEFL iBT 60 (with a writing score of 18) / PTE academic score of 50 with no band lower than 42 / NZCEL (Academic) L4; and 17 years or over 	Application form + passport copy + school final transcripts + English test results	20hrs per week on student visa + full-time during trimester breaks + 3 yrs post-study work visa	IT positions such as software programmer, software developer, software analyst, software designer, web developer, web architect, enterprise web consultant, web service developer, web analyst, network engineer, network administrator, network support specialist, junior IT manager, IT manager and business analyst	PGDIT/MIT	50 points + 10 bonus points for degree + spouse open work visa + subsidised school education for children of spouse visa holder (not student visa holder) (Long Term Skills Shortage List)	International: \$20,000 (per 120 credits / 1 year of full-time study) Domestic: \$18,000 (per 120 credits / 1 year of full-time study)
Graduate Diploma in Information Technology (GDIT)	Level 7	1 year (3 trimesters)	1 Feb 23 May 12 Sep	<ul style="list-style-type: none"> Bachelor degree at least equivalent to New Zealand pass standard; and IELTS 6.0 academic (with no band less than 5.5) / TOEFL iBT 60 (with a writing score of 18) / PTE academic score of 50 with no band lower than 42 / NZCEL (Academic) L4 Candidates without a Bachelor degree but with an appropriate mix of a lesser qualification and work experience may be approved for special admission by the Academic Board 	Application form + passport copy + graduation transcripts + English test results	20hrs per week on student visa + full-time during trimester breaks + 1 year post-study work visa	IT positions such as software programmer, software developer, software analyst, software designer, web developer, web architect, enterprise web consultant, web service developer, web analyst, network engineer, network administrator, network support specialist, junior IT manager, IT manager and business analyst	PGDIT/MIT	50 points	International: \$21,000 Domestic: \$6,525
Postgraduate Diploma in Information Technology (PGDIT)	Level 8	1 year (3 trimesters)	1 Feb 23 May 12 Sep	<ul style="list-style-type: none"> IELTS 6.5 academic (with no band less than 6.0) / TOEFL iBT 79 (with a writing score of 21) / PTE academic score of 58 with no band lower than 50 / NZCEL (Academic) L5; and Bachelor degree or equivalent in Information Technology, Computer Science or related field of study; or Graduate diploma or equivalent in information technology, computer science or related field of study 	Application form + passport copy + graduation transcripts + English test results	20hrs per week on student visa + full-time during trimester breaks + 3 years post-study work visa	IT positions such as software programmer, software developer, software analyst, software designer, web developer, web architect, enterprise web consultant, web service developer, web analyst, network engineer, network administrator, network support specialist, junior IT manager, IT manager and business analyst	MIT	50 points + 10 bonus points (Postgraduate)	International: \$24,500 Domestic: \$7,720
Master of Information Technology (MIT)	Level 9	20 months (5 trimesters)	1 Feb 23 May 12 Sep	<ul style="list-style-type: none"> IELTS 6.5 academic (with no band less than 6.0) / TOEFL iBT 79 (with a writing score of 21) / PTE academic score of 58 with no band lower than 50 / NZCEL (Academic) L5; and Bachelor degree, graduate diploma or postgraduate diploma or equivalent in information technology, computer science or related field of study 	Application form + passport copy + graduation transcripts + English test results	20hrs per week on student visa + full-time during trimester breaks + 3 years post-study work visa	IT positions such as software programmer, software developer, software analyst, software designer, web developer, web architect, enterprise web consultant, web service developer, web analyst, network engineer, network administrator, network support specialist, junior IT manager, IT manager and business analyst		70 points + 10 bonus points (Postgraduate) + spouse open work visa + subsidised school education for children of Spouse Visa holder (not Student Visa holder)	International: \$36,750 Domestic: \$11,580

*Subject to Immigration New Zealand policy. Bachelor degree (level 7) bonus points require a minimum of two years full time study in NZ.

1. SPECIAL ADMISSION - Students who do not meet the entry criteria may apply for Special Admission and provide additional information on employment and life experience in support of their application.

This publication is subject to change without notice. For the latest version please see our website: www.ais.ac.nz
v.24.11.21



New Zealand Certificate in Information Technology (Level 5)

Domestic Fees (NZD) \$3,520
International Fees (NZD) \$10,520
Level 5 · 60 Credits · 28 Weeks

This certificate provides an excellent introduction to this sector to test your interest and abilities, and will allow you to progress onto further IT qualifications such as a Bachelor's degree, Postgraduate Diploma or Master's study if you wish.

Graduates of this qualification will have the skills and knowledge to work in the IT industry as an emerging professional in a range of entry-level roles, and IT-related retail roles. You will gain a broad understanding of the core concepts and practical skills required in IT and know how to apply them. No previous tertiary qualifications are necessary, and the short duration will allow you to train and enter the workforce as quickly as possible.

This qualification consists of **60 credits**. There are four courses worth 15 credits each. Students will sit these courses over two trimesters.

Credit transfer to subsequent IT study is available.

The programme of study includes the following courses:

FOUR COMPULSORY COURSES

- COMP510 Fundamentals of Information Systems and Technology
- COMP511 Information Technology Professional Skills
- COMP512 Fundamentals of Technical Support
- COMP513 Fundamentals of Computer Programming

Qualifications Pathway

- New Zealand Diploma in Information Technology Technical Support (Level 5)
- Bachelor of Information Technology
- Postgraduate Diploma in Information Technology
- Master of Information Technology



New Zealand Diploma in Information Technology Technical Support (Level 5)

Domestic Fees (NZD) \$6,000
International Fees (NZD) \$20,000
Level 5 · 120 Credits · 12 Months

Graduates of this diploma will acquire the skills and knowledge they need to work as a computer technician, help desk/technical support officer, entry-level network administrator, network engineer, or an application support analyst.

The NZDIT Technical Support is a one year programme (three trimesters) and is ideal for New Zealand students as fees are free under the Targeted Training and Apprenticeship Fund (TTAF). No previous tertiary qualifications are necessary, and the diploma will allow you to progress onto further IT qualifications.

This qualification consists of **120 credits**. There are eight courses worth 15 credits each. Students will sit these courses over three trimesters.

Once you have completed the NZDIT Technical Support, you can move onto a Bachelor of Information Technology, followed by a Postgraduate Diploma or even Master's study if you wish. Credit transfer to subsequent IT study is available.

The programme of study includes the following courses:

EIGHT COMPULSORY COURSES

- COMP510 Fundamentals of Information Systems and Technology
- COMP511 Information Technology Professional Skills
- COMP513 Fundamentals of Computer Programming
- COMP514 Fundamentals of Computer Databases
- COMP515 Fundamentals of Computer Networking
- COMP516 Fundamentals of Network Security
- COMP517 Hardware and Software Service Provisioning
- COMP518 Information Technology Systems Maintenance and Service Management

Qualifications Pathway

- Bachelor of Information Technology
- Postgraduate Diploma in Information Technology
- Master of Information Technology

“
AIS is a great place to study with really good support systems. And the IT programme stands up to any other programme in the country.”

Mike Woolley,
MIT Graduate

Mike Woolley
Master of Information Technology

Having driven trucks on New Zealand roads for over two decades, Mike Woolley plans to put his new master's degree in IT to good use and find a niche job in the transport industry.

The Auckland father of five has completed his bachelor's degree as well as post-graduate studies at AIS. He enjoyed the small class sizes, exceptional support, and says the IT programme is among the best in the country.

“I now hold a Master of Information Technology specialising in Artificial Intelligence. I hope to find a niche role in the transport industry leveraging both my IT skills and my transport knowledge.”

Information Technology Programmes



Bachelor of Information Technology

Domestic Fees (NZD) \$18,000
\$6,000 per year / 120 credits
International Fees (NZD) \$60,000
\$20,000 per year / 120 credits
Level 7 · 360 Credits · 36 Months

The Bachelor of Information Technology (BIT) prepares students to become IT professionals with a breadth of knowledge across a range of IT subdisciplines, and a depth of knowledge in one of three specialisations.

The **Networks and Security** specialisation equips students with skills in computer network engineering, server systems and network security.

The **Information Systems** specialisation prepares students for the data-driven industry by equipping them with the analytical skills to develop and support organisations' IT and enterprise systems. These skills are applicable to the development and management of the software, hardware, and data that is vital to the operation of modern businesses.

The **Software Development** specialisation equips students with the skills to analyse, design, develop, test and deploy business software solutions. Software development is taught using the Python, Java and C# languages, in the .NET and Android environments.

IT students at AIS will gain skills allowing them to lead and become strong participants in IT team projects. The programme comprises 23 courses, including:

12 COMPULSORY COURSES

- COMP510 Fundamentals of Information Systems and Technology
- COMP511 Information Technology Professional Skills
- COMP513 Fundamentals of Computer Programming
- COMP514 Fundamentals of Computer Databases
- COMP515 Fundamentals of Computer Networking
- MATH501 Essentials of Mathematics and Statistics
- COMP602 Computer System Testing
- COMP609 Information Systems Security
- COMP617 Requirements Modelling
- COMP621 Operating Systems
- COMP701 Information Technology Project Management
- COMP720 Information Technology Project (completed over two semesters) OR
- COMP721 Intensive Information Technology Project (completed over one trimester)

CHOOSE A SPECIALISATION

Networks and Security

- CONE618 Server Administration
- CONE622 Intermediate Computer Networking
- CONE623 Cloud Computing
- CONE709 Network System Security
- CONE710 Advanced Computer Networking
- CONE711 Wireless Network Design

OR

Information Systems

- COMP601 Systems Analysis and Design
- SOFT605 Object Oriented Programming
- INFO620 Enterprise Resource Planning Systems
- INFO712 Management Information Systems
- INFO714 E-Business Strategies and M-Commerce
- INFO716 Business Intelligence and Analytics

OR

Software Development

- COMP601 Systems Analysis and Design
- SOFT605 Object Oriented Programming
- SOFT606 Desktop Applications Development
- SOFT703 Web Applications Development
- SOFT704 Human-Computer Interaction
- SOFT708 Mobile Applications Development

Not all courses for the BIT are offered every trimester.



Graduate Diploma in Information Technology

Domestic Fees (NZD) \$6,525
International Fees (NZD) \$21,000
Level 7 · 135 Credits · 12 Months

The Graduate Diploma in Information Technology (GDIT) meets the needs of students who have either completed a bachelor's degree or similar qualification in a non-IT field and wish to develop their IT knowledge, or who hold a bachelor's degree in IT or similar qualification and wish to enhance their careers with further specialist studies in the field.

Students looking to gain work experience can take COMP723 Information Technology Internship in place of COMP721 Intensive Information Technology Project.

CHOOSE A SPECIALIST TOPIC

Networks and Security

- COMP515 Fundamentals of Computer Networking
- COMP617 Requirements Modelling
- CONE618 Server Administration
- CONE622 Intermediate Computer Networking
- COMP701 Information Technology Project Management
- CONE709 Network System Security
- CONE710 Advanced Computer Networking
- COMP721 Intensive Information Technology Project

OR

Information Systems

- COMP514 Fundamentals of Computer Databases
- COMP601 Systems Analysis and Design
- COMP617 Requirements Modelling
- INFO620 Enterprise Resource Planning Systems
- COMP701 Information Technology Project Management
- INFO712 Management Information Systems
- INFO714 E-Business Strategies and M-Commerce
- COMP721 Intensive Information Technology Project

OR

Software Development

- COMP513 Fundamentals of Computer Programming ; or
- COMP514 Fundamentals of Computer Databases
- SOFT605 Object Oriented Programming
- SOFT606 Desktop Applications Development
- COMP617 Requirements Modelling
- COMP701 Information Technology Project Management
- SOFT703 Web Applications Development
- SOFT708 Mobile Applications Development
- COMP721 Intensive Information Technology Project

Note: Cross-credits are not available in the GDIT. Students with prior studies in a subject will be given the opportunity to broaden their knowledge base by taking another course at the appropriate level with the approval of the Head of School.



CHOOSE 75 CREDITS OF ELECTIVE COURSES

5 elective courses, or 4 with COMP723 Information Technology Internship may be selected from Information Technology or Business programmes including those listed under the other I.T. specialisations. For a full list of available courses visit: www.AIS.ac.nz/courses

Students have the opportunity to gain **real world experience** by taking COMP722 Information Technology Industry Practice or COMP723 IT Internship as one of their elective courses.

The inclusion of courses outside the Information Technology programme may be considered with the approval of the Head of School.





Postgraduate Diploma in Information Technology

Domestic Fees (NZD) \$7,720
International Fees (NZD) \$24,500
Level 8 · 120 Credits · 12 Months

The Postgraduate Diploma in Information Technology (PGDIT) has been designed to fill the global skills shortage that has been recognised in the IT sector.

As a result, graduates will be highly employable, and with the PGDIT being only one year in duration we expect this will be a popular choice for those wanting to upgrade their skills and open doors to employment.

Students will have the opportunity to enter the IT industry at a higher-than entry-level position. In addition, the advanced technical skills provided by the PGDIT specialist topics below ensure graduates are prepared for success in any of these career paths.

CHOOSE A SPECIALISATION

Networks and Security

- CONE709 Network System Security
- CONE710 Advanced Computer Networking
- CONE809 Topics in Cloud Computing
- CONE810 Computer and Communication Network Security
- CONE811 Penetration Testing

OR

Information Systems

- INFO712 Management Information Systems
- INFO714 E-Business Strategies and M-Commerce
- INFO812 Data Mining
- INFO813 Artificial Intelligence
- INFO814 Enterprise Cloud-based Systems

OR

Software Development

- SOFT703 Web Applications Development
- SOFT708 Mobile Applications Development
- SOFT806 Continuous Integration and Continuous Deployment
- SOFT807 Cloud Application Development
- SOFT808 Software User Experience

CHOOSE A COMPLETION PATHWAY

Research Pathway

- COMP801 Research Methods
- COMP802 Research Project

OR

Internship Pathway

- COMP803 Internship

OR

Industry Project Pathway

- COMP804 Industrial Project

ALTERNATIVE COURSES

Students can also gain **real world experience** by replacing COMP722 Information Technology Industry Practice for one of their level 7 courses (Only for Research Pathway students).

COMP805 Specialisation Project is available as an alternative to one of the level 8 specialist courses.



Master of Information Technology

Domestic Fees (NZD) \$11,580
International Fees (NZD) \$36,750
Level 9 · 180 Credits · 20 Months

There is a need and desire in New Zealand and globally for graduates with IT skills more advanced than those with undergraduate degrees, as well as a need for graduates who are capable of performing independent research into complex IT issues.

Graduates of the Master of Information Technology (MIT) will be equipped with the skills needed to perform the highly complex tasks that the modern IT environment requires. They will possess the ability to critically evaluate relevant literature, analyse independent research results and problem-solve to a high level of sophistication. Those who complete the Thesis pathway will be able to plan and execute original research in various novel situations.

ONE COMPULSORY COURSE

- COMP801 Research Methods

CHOOSE A SPECIALISATION

Choose only two courses in your specialisation if doing Internship or Industry Project pathway, or all three if doing Research.

Networks and Security

- CONE809 Topics in Cloud Computing
- CONE810 Computer and Communication Network Security
- CONE811 Penetration Testing

OR

Information Systems

- INFO812 Data Mining
- INFO813 Artificial Intelligence
- INFO814 Enterprise Cloud-based Systems

OR

Software Development

- SOFT806 Continuous Integration and Continuous Deployment
- SOFT807 Cloud Application Development
- SOFT808 Software User Experience

CHOOSE A PATHWAY

Research Pathway

- COMP802 Research Project

OR

Internship Pathway

- COMP803 Internship

OR

Industry Project Pathway

- COMP804 Industrial Project

CHOOSE A COMPLETION OPTION

Research Thesis Option

- COMP901 Information Technology Research Thesis

OR

Research Project Option

- COMP902 Advanced Information Technology Specialised Project
- COMP903 Information Technology Applied Research Project

Download the latest information on our IT Programmes and an enrolment pack at: www.AIS.ac.nz



**NZQA Category
1 Rated Degrees
& Diplomas**

Category 1 is the highest accreditation the New Zealand government can give to an education provider which means you can be assured of the quality of programmes at AIS.

Established in 1990, AIS is one of New Zealand's largest independent degree-granting institutions offering a wide range of qualifications.

We are located in central Auckland and operate from the St Helens Campus in Mt Albert. Our flexible trimester system allows students to fast-track their studies and get a head start on their careers. We provide assistance to students on all employment issues during and after their studies – this includes arranging interviews and internships with potential employers.

We ensure that a friendly nurturing environment balances and supports our rigorous and demanding academic programmes. Students at AIS experience expert personalised education – our knowledgeable and approachable teaching faculty value personal contact with students.

We give our students everything needed to succeed and ensure that studying at AIS is a uniquely rewarding experience.

What AIS offers:

- Great value
- Individual focus
- Employment assistance
- Internships
- Fast-track programmes
- Flexible entry dates
- Scholarships and excellence awards
- Cross-credits
- On-site accommodation
- Easy access to transport
- Ample on-site parking

Quality Education

Supportive Environment

Individual Focus

Real World Success

v.24.11.21

Our Programmes

Postgraduate

- Master of Business Administration
- Master of Information Technology
- Postgraduate Diploma in Business Administration
- Postgraduate Diploma in Information Technology
- Postgraduate Certificate in Business Administration

Graduate

- Graduate Diploma in Business
- Graduate Diploma in Hospitality Management
- Graduate Diploma in Information Technology
- Graduate Diploma in Tourism Management

Undergraduate

- Bachelor of Business
- Bachelor of Hospitality Management
- Bachelor of Information Technology
- Bachelor of Tourism Management
- New Zealand Diploma in Hospitality Management (L5 & 6)
- New Zealand Diploma in Tourism and Travel (L5 & 6)
- New Zealand Diploma in Information Technology Technical Support (L5)

Certificates

- New Zealand Certificate in Information Technology (L5)
- New Zealand Certificate in Food and Beverage Service (Café Services) (L3)
- Certificate of Proficiency
- Licence Controller Training (LCQ)
- Barista Skills
- Food Safety

English Language

- New Zealand Certificate in English Language (L4 & 5)
- General English - Elementary to Advanced
- IELTS Preparation
- English for Academic Purposes (EAP)

28A Linwood Avenue, Mt Albert,
Auckland 1025, New Zealand

Telephone: (64 9) 815 1717

Freephone (NZ Only):
0800 Study AIS (0800 788 392)

Fax: (64 9) 815 1802

Email: enquiry@ais.ac.nz

www.AIS.ac.nz

