



**AUCKLAND  
INSTITUTE  
OF STUDIES**  
NEW ZEALAND

**IT** has the **Highest Paid  
Jobs** in **New Zealand**

# INFORMATION TECHNOLOGY



Qualification	NZQA Level	Duration	2023 Intakes	Entry Requirements	Docs required	Work Options	Outcomes	Pathways	Immigration Benefits*	Fees (NZD)
<b>New Zealand Diploma in Information Technology Technical Support</b>	Level 5	1 year (3 trimesters)	31 Jan 22 May 11 Sep	<ul style="list-style-type: none"> <li>Hold 40 credits at NCEA level 2 or above, including at least 10 literacy credits and 10 numeracy credits or</li> <li>Hold a New Zealand Diploma in Information Technology Essentials (Level 4) or</li> <li>Hold a New Zealand Certificate in Computing (Level 4) or</li> <li>Hold a New Zealand Certificate in Information Technology (Level 5) and</li> <li>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)</li> </ul>	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: \$22,060  Domestic: \$6,076
<b>Bachelor of Information Technology (BIT)</b>	Level 7	3 years (9 trimesters)	31 Jan 22 May 11 Sep	<ul style="list-style-type: none"> <li>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</li> <li>Successfully undertaken tertiary study, including mathematics at a level equivalent to 9 credits at Level 3; or</li> <li>Successful completion of a Level 4 qualification in Computing; or</li> <li>Equivalent overseas qualification; and</li> <li>IELTS 6.0 academic (with no band less than 5.5) / TOEFL iBT 60 (with a writing score of 18) / PTOE academic score of 50 with no band lower than 42 / NZCEL (Academic) L4; and</li> <li>17 years or over</li> </ul>	Application form + passport copy + graduation transcripts + English test results	20hrs per week on student visa + full-time during trimester breaks + post-study work visa (duration of study in NZ)	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: \$22,060 (per 120 credits / 1 year of full-time study)  Domestic: \$6,076 (per 120 credits / 1 year of full-time study)
<b>Graduate Diploma in Information Technology (GDIT)</b>	Level 7	1 year (3 trimesters)	31 Jan 22 May 11 Sep	<ul style="list-style-type: none"> <li>Bachelor degree at least equivalent to New Zealand pass standard; and</li> <li>IELTS 6.0 academic (with no band less than 5.5) / TOEFL iBT 60 (with a writing score of 18) / PTOE academic score of 50 with no band lower than 42 / NZCEL (Academic) L4</li> <li>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</li> </ul>	Application form + passport copy + graduation transcripts + English test results	20hrs per week on student visa + full-time during trimester breaks	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: \$24,680  Domestic: \$6,698
<b>Postgraduate Diploma in Information Technology (PGDIT)</b>	Level 8	1 year (3 trimesters)	31 Jan 22 May 11 Sep	<ul style="list-style-type: none"> <li>IELTS 6.5 academic (with no band less than 6.0) / TOEFL iBT 79 (with a writing score of 18) / PTOE academic score of 58 with no band lower than 50 / NZCEL L5; and</li> <li>Bachelor degree or equivalent in Information Technology, Computer Science or related field of study; or</li> <li>Graduate diploma or equivalent in information technology, computer science or related field of study</li> </ul>	Application form + passport copy + graduation transcripts + English test results	20hrs per week on student visa + full-time during trimester breaks + post-study work visa (duration of study in NZ)	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: \$25,310  Domestic: \$7,932
<b>Master of Information Technology (MIT)</b>	Level 9	20 months (5 trimesters)	31 Jan 22 May 11 Sep	<ul style="list-style-type: none"> <li>IELTS 6.5 academic (with no band less than 6.0) / TOEFL iBT 79 (with a writing score of 21) / PTOE academic score of 58 with no band lower than 50 / NZCEL L5; and</li> <li>Bachelor degree, graduate diploma or postgraduate diploma or equivalent in information technology, computer science or related field of study</li> </ul>	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: \$37,875  Domestic: \$11,808

\*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.

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

Domestic Fees (NZD) \$6,076

International Fees (NZD) \$22,060

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 no previous tertiary qualifications are necessary to pursue this programme. 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

### Vaimaa Petelo Iketau Bachelor of Information Technology (BIT)

*Pregnancy, lockdown and financial hardship were just some of the challenges Vaimaa Petelo had to overcome while studying her Bachelor of Information Technology.*

*But thanks to AIS support she achieved outstanding results and found employment. "There was a time where I could not meet the fees but I was able to seek financial help. AIS allowed me to do online study when I was pregnant; it was a very convenient option. During lockdown AIS student services offered support with food as well. AIS is the best. It's very supportive academically, socially and mentally."*

“  
**Pregnancy, lockdown  
and financial hardship  
but thanks to AIS  
support I achieved  
outstanding results and  
found employment.**  
”

**Vaimaa Petelo Iketau,  
BIT Graduate**







## Bachelor of Information Technology

**Domestic Fees (NZD) \$18,228**  
**\$6,076 per year / 120 credits**  
**International Fees (NZD) \$66,180**  
**\$22,060 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:

### Twelve 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 trimesters) 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  
INFO620 Enterprise Resource Planning Systems  
SOFT605 Object Oriented Programming  
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) \$6,698**  
**International Fees (NZD) \$24,680**  
**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.

Three specialisations topics are available:

### 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](http://www.ais.ac.nz/courses)

Students have the opportunity to gain **Real World Experience** by taking COMP722 Information Technology Industry Practice or COMP723 Information Technology 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.

## IT ONLINE

AIS has approval to deliver the following qualifications through the Online-Offshore delivery mode:

**BIT (Level 7), GDIT (Level 7), PGDIT (Level 8) and MIT (Level 9)**

Learn more about our programme structure/ courses, duration and start dates, entry requirements and fees structure at AIS ONLINE, Study Offshore Online webpage: <https://www.ais.ac.nz/study-offshore-online>



## Postgraduate Diploma in Information Technology

*Domestic Fees (NZD) \$7,932  
International Fees (NZD) \$25,310  
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 or COMP801 Research Methods is available as an alternative to one of the level 8 specialist courses.

Download the latest information on our IT Programmes and an enrolment pack at: [www.AIS.ac.nz](http://www.AIS.ac.nz)



## Master of Information Technology

*Domestic Fees (NZD) \$11,808  
International Fees (NZD) \$37,875  
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 the internship or Industry Project pathway, or all three if doing the Research pathway.

#### 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



**NZQA Category  
1 Rated Degrees  
& Diplomas**

## About Auckland Institute of Studies

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 leading 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 supporting job search 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.15.11.22

## Our Programmes

### Postgraduate

- Master of Business Administration
- Master of Information Technology (O/O)
- Postgraduate Diploma in Business Administration
- Postgraduate Diploma in Information Technology (O/O)
- Postgraduate Certificate in Business Administration (O/O)

### Graduate

- Graduate Diploma in Business (O/O)
- Graduate Diploma in Information Technology (O/O)

### Undergraduate

- Bachelor of Business
- Bachelor of Information Technology
- 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

- Certificate of Proficiency
- New Zealand Certificate in Health and Wellbeing (L3)

### English Language

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

(O/O) - also offered Online-Offshore



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