

MASTER OF INFORMATION TECHNOLOGY 2019

Information for International applicants

Napier and Auckland

The Master of Information Technology (MIT) programme has been designed to produce IT graduates who are able to think critically and have a number of high-level IT skills that can be applied in a wide range of situations.

- The MIT programme is focused on both in-depth theoretical knowledge and understanding of the information technology environment and professional practice in which the knowledge and understanding are applied.
- It is designed to extend and deepen an individual's knowledge and skills by building on attainment gained from undergraduate study in the computing field and to extend current IT professionals in their career progression.
- The programme builds on the student's existing knowledge and skills through courses that research and apply information technology knowledge and skills in an environment that combines project work, case studies, real-life simulations, and practical work experience.
- It encourages flexibility that acknowledges the diversity of IT environment and the diversity in learner interest and needs.
- It encourages participants to apply research skills to identify solutions to Information Technology problems or issues.

SCHOLARSHIP

There is a scholarship available for this programme. This scholarship provides a small contribution to assist students realise their goal of studying in New Zealand.

All International students who accept an offer of place for this programme will receive the scholarship. Please contact us for more information: international@eit.ac.nz

WORK EXPERIENCE

The MIT aims to produce graduates who have industry relevant practical and theoretical skills in this area. The majority of courses include some industry based project or case study based work.

CAREER OUTCOMES

Possible job and career opportunities can include:

- Systems Analyst
- IT Consultant
- Business Analyst
- IT Infrastructure Analyst
- E-Commerce Advisor
- Project Manager
- Security Analyst
- IT Manager

CAREER OUTLOOK

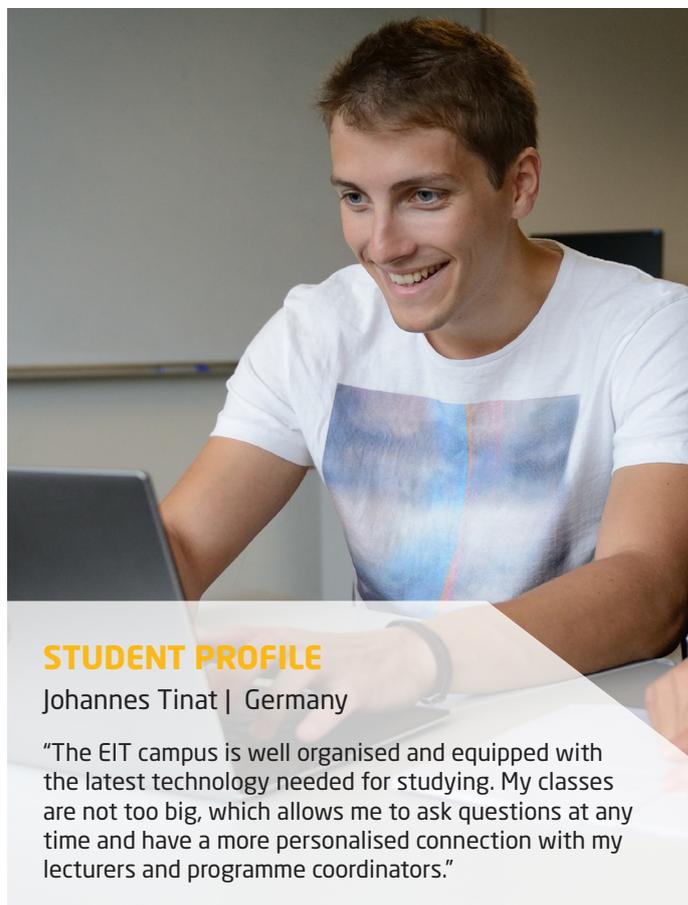


\$

\$65,666

Median earnings of graduates of this programme

Source: <https://www.careers.govt.nz/qualifications/view/2651/6007>



STUDENT PROFILE

Johannes Tinat | Germany

"The EIT campus is well organised and equipped with the latest technology needed for studying. My classes are not too big, which allows me to ask questions at any time and have a more personalised connection with my lecturers and programme coordinators."

Qualification Master of Information Technology

Level Level 9

Length 1 1/2 Years

Start dates Napier: 18 February, 22 July
Auckland: 25 March, 19 August

Fees \$32,000

IELTS requirements 6.5 (academic) with no band score lower than 6.0 or equivalent.

Total credits 180

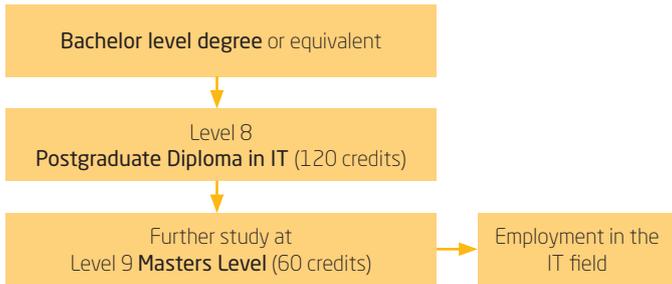
Class times Classes are scheduled between 8.00am and 5.00pm Monday - Friday. Approximately four classroom hours per course per week

Study hours Approximately two hours for each classroom hour

Location Napier, Auckland

STUDY PATHWAY

Strategically the Postgraduate Diploma in IT fits into the following pathways:



FACILITIES

In the state-of-the-art Information Technology Complex there are nine networked computer laboratories with between 24 and 30 student stations in each. The rooms are environmentally controlled, with data show equipment in each room. There are specific labs for software development, hardware, multimedia and a room for computer study. The facility also has a 50-seat tiered lecture theatre.

ENTRY CRITERIA

ACADEMIC ENTRY REQUIREMENTS

An undergraduate degree in information technology with a B pass or better. Where the candidate's undergraduate degree does not provide the basis of study at the level required for more advanced study, students will be required to enrol in the Postgraduate Diploma in Information Technology before continuing to Masters level.

ENGLISH LANGUAGE ENTRY REQUIREMENTS

Approved scores on TOEFL or IELTS (6.5 Academic) with no band score lower than 6.0 or equivalent.

COURSE LIST

The structure of the MIT is summarised in the following table. Please note, pre-requisites will apply to some courses.

Level	8	9	Total
Credits	135	45	180

The level 8 compulsory courses are:

- PRGM8.100 Applied Research Methods (offered both semesters)
- PRGP8.100 Research Proposal (offered both semesters)

The level 9 compulsory course is:

- MIT9.100 Applied Research Topic (offered in both semesters)

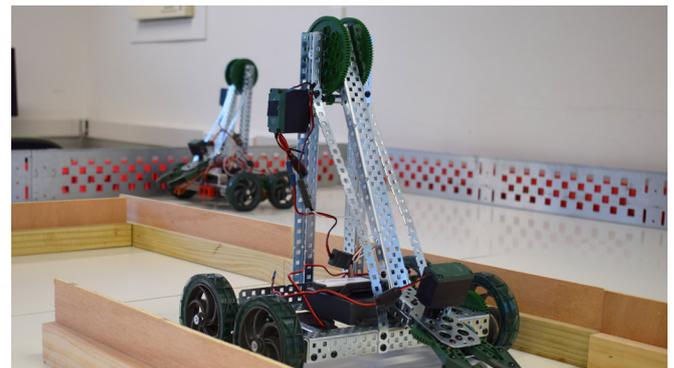
In addition there are a number of level 8 elective courses that will be offered in either semester providing there is sufficient demand.

Semester 1

- ITPG8.100 Advanced IT Project Management
- ITPG8.600 Advanced Mobile and Wireless Technologies
- ITPG8.670 Information Security in the Enterprise
- ITPG8.550 Cloud Based IT Solutions
- PRGP8.100 Research Proposal
- PRGM8.100 Applied Research Methods
- ITPG8.350 Special Topic
- TPG8.370 IT Work Integrated Learning

Semester 2

- ITPG8.200 Strategic IT Management
- ITPG8.250 Data Analytics & Visualisation
- ITPG8.500 Enterprise Resource Planning Systems
- ITPG8.800 Enterprise Content Management
- PRGP8.100 Research Proposal
- PRGM8.100 Applied Research Methods
- ITPG8.350 Special Topic
- ITPG8.370 IT Work Integrated Learning



FIND OUT MORE:

✉ international@eit.ac.nz
 🌐 www.international.eit.ac.nz

CONNECT WITH US:



COURSE DESCRIPTIONS

P= Pre-requisite –courses which must be studied before C= Co-requisite courses which can be studied before or at the same time

NB: Courses may differ depending on campus and semester.

LEVEL 8 COURSE	BRIEF DESCRIPTION	CREDITS	LEVEL	SEMESTER
ITPG8.100	Advanced IT Project Management To provide students with an understanding of the strengths and weaknesses of a range of alternative project management methodologies, and apply a methodology to a real world project scenario.	15	8	1
ITPG8.200	Strategic IT Management To provide students with an understanding of the strategic issues facing IT managers as they manage an IT services department in a medium to large size organisation and apply a range of techniques to create and design an IT strategy.	15	8	2
ITPG8.250	Data Analytics and Visualisation To provide students with learning opportunities to develop advanced knowledge and skills in data analytics and data wrangling for effective data-driven decision making and data visualisation.	15	8	2
PGRM8.100	Applied Research Methods This course is a study of the principal approaches to descriptive, causal and critical research. The course examines a range of applied qualitative, quantitative and mixed methods research techniques relevant to a broad range of applied research contexts.	15	8	1 & 2
PGRP8.100	Research Proposal The aim of the course is to develop students' ability to identify a research problem and to develop a research proposal to answer research questions related to the research problem. P: PGRM8.100 Applied Research Methods	15	8	1 & 2
ITPG8.350	Special Topic To provide students with an opportunity to develop research and problem solving skills which are relevant to the Information Technology (IT) industry. Needs special approval from the Programme Coordinator. P: PGRM8.100 Applied Research Methods	15	8	1 & 2
ITPG8.370	IT Work Integrated Learning This course provides students with experience in an applied information technology work environment and provides an opportunity to develop attributes relating to work place professional behaviours. The work placement provides an opportunity for students to extend and deepen their IT knowledge, building on the skills attained during their undergraduate degree. Students are required to reflect on theoretical approaches to IT work by identifying IT issues within a workplace and making recommendations which address those issues. P: Students must have completed at least 60 credits of post graduate study.	15	8	1 & 2
ITPG8.400	Impact of Computing on Society To encourage students to critically evaluate the impact of computing on society and understand how to address the issues that IT professionals face as a consequence of technology advances.	15	8	As required
ITPG8.450	Virtualisation Management To provide students with a systematic and coherent account of the management aspects of virtualisation. The course investigates the concepts behind virtualisation technology, the different categories of virtualisation, and how they are used within a medium to large business organization..	15	8	As required
ITPG8.500	Enterprise Resource Planning Systems To provide students with an understanding of the issues concerning the adoption of a cross-functional integrated computer-based information systems approach to the provision of IT applications within a medium to large business organisation.	15	8	2
ITPG8.550	Cloud Based IT Solutions To enable students to understand the management issues surrounding the adoption of cloud based computing solutions and be able to assess the merits of a cloud based IT solution for a given IT environment.	15	8	1
ITPG8.600	Advanced Mobile and Wireless Technologies To provide students with an understanding of the issues concerning the adoption of mobile and wireless technologies and the skills necessary to be able to make informed decisions when identifying the mobile or wireless technology best suited to a given purpose.	15	8	1
ITPG8.650	IT Forensics To provide students with an opportunity to develop advanced knowledge and skills in the nature and use of forensics information technology.	15	8	As required
ITPG8.670	Information Security in the Enterprise To provide students with an opportunity to develop advanced knowledge of the information security domain and advanced skills to facilitate the design, installation and management of enterprise level information security.	15	8	1

ITPG8.700	Mobile Software Architectures To provide students with an understanding of the key principles associated with mobile application development and software engineering and be able to apply these principles when designing and deploying an application to meet a specific business need.	15	8	As required
ITPG8.800	Enterprise Content Management To provide students with an understanding of the concepts and technologies involved in enterprise content management and provide them with the skills that will allow them to evaluate enterprise content management strategies for specific business cases.	15	8	2
ITPG8.900	Advanced Digital Learning Technologies To provide students with an understanding of the issues surrounding the adoption of emerging digital technologies in the educational and training environment and be able to apply these principles when using the technologies to meet a specific training need. P: Relevant Internet and Multimedia degree level courses and/or appropriate work experience	15	8	As required
LEVEL9 Course No.	Brief Description	No. of Credits	NZQA Level	Semester offered
MIT9.100	Applied Research Project To provide students with an opportunity to develop and apply new skills and techniques to existing or emerging problems in the applied IT area. Participants will be required to demonstrate independent application of highly specialised knowledge and skills within the IT field. Students will be expected to demonstrate ability to research a specific IT issue or problem, incorporating advanced levels of analysis, evaluation, discussion and theoretical development. P: PRGM8.100 Applied Research Methods, PRGP8.100 Research Proposal	45	9	1 & 2 & Dual Semesters