

Master of Information Technology (Professional); Master of Information Technology (Professional) (16 units) (MITPorMT16) - MIT(Prof)

CRICOS code (International applicants): 059706A

| | On-campus | Distance education |
|---------------------------|---|---|
| Semester intake: | Semester 1 (March) Semester 2 (July) Semester 3 (November) | Semester 1 (March) Semester 2 (July) Semester 3 (November) |
| Campus: | Toowoomba | - |
| Fees: | Domestic full fee paying place International full fee paying place | Domestic full fee paying place International full fee paying place |
| Standard duration: | 2 years full-time, 6 years part-time | |

Contact us

| Future Australian and New Zealand students | Future International students | Current students |
|---|---|--|
| Ask a question Freecall (within Australia): 1800 640 678 Phone (from outside Australia): +61 7 4631 5315 Email: studybus@usq.edu.au | Ask a question Phone: +61 7 4631 5543 Email: international@usq.edu.au | Ask a question Freecall (within Australia): 1800 007 252 Phone (from outside Australia): +61 7 4631 2285 Email usqassist@usq.edu.au |

Program focus

The Master of Information Technology (Professional) is a vocationally and academically oriented program. The program provides for graduates with degrees in other than computing, to gain skills and knowledge in computing. It aims to produce graduates who can work as business analysts, database administrators, database designers, or IT managers.

Professional accreditation

This program is accredited by the [Australian Computer Society](#).

Program aims

The Master of Information Technology (Professional) is a vocationally and academically oriented program. The Master of Information Technology (Professional) provides for graduates in programs other than computing to gain skills and knowledge in key areas of computing which relate to their needs and the needs of their profession or industry. It aims to produce graduates who are IT managers.

Program objectives

Successful completion of the program will enable graduates to:

- acquire specific knowledge and skills in information technology which are relevant to their disciplines and careers
- understand a broad range of topics in information technology
- design, manage and develop software systems in an effective manner
- lead discussions relating to the computing aspects of their workplace

- become better problem-solvers and innovative thinkers, who are able to learn new skills independently and efficiently and consequently to succeed in a competitive professional environment
- identify information needs appropriate to their area of specialisation, and apply the techniques required to gather and interpret such information
- demonstrate skills in the analysis and determination of technological issues at management level
- identify, analyse and solve problems in one or more areas of technology by selecting and using either quantitative or qualitative techniques appropriate to the resolution of technological problems
- satisfy academic admission requirements for membership of relevant professional bodies
- identify, interpret and evaluate major issues in a range of contemporary business information technology areas
- apply acquired knowledge associated with the studies to work environments
- articulate the principal theories, concepts and applications associated with the selected business information technology area(s)
- understand and act in accordance with the ethics of their profession.

Admission requirements

MITP

Applicants may be admitted to the Master of Information Technology (Professional) if they:

- hold a bachelor's degree or a three year diploma from an Australian university or hold a degree of a recognised university or an approved equivalent qualification in an area other than computing
- have introductory knowledge of computing consistent with that found in the [CIS1000 Information System Concepts](#), and [CSC1401 Foundation Programming](#) or
- have successfully completed the Graduate Diploma of Information Technology Preparatory Program.

Holders of the Graduate Diploma of Information Technology may enrol into the Master of Information Technology (Professional) under the previous articulation arrangements.

MT16

To gain admission to the 16-unit program, applicants must satisfy all of the following admission requirements:

- the equivalent of an Australian, two-year, post year 12 qualification
- have had a minimum of two years full-time equivalent relevant and appropriate work experience as determined by the Director of Postgraduate Studies
- have introductory knowledge of computing consistent with that found in the [CIS1000 Information System Concepts](#), and [CSC1401 Foundation Programming](#) .

International applicants must have met the [University's English language requirements](#) or have completed the [University's ELICOS/UNIPREP program](#).

How to apply

Domestic students

[Application for postgraduate programs](#) may be made directly to USQ. You should ensure you submit your application by the [closing dates](#).

International students

This program is offered to international students. An international student is a person who is not an Australian or New Zealand citizen and not an Australian permanent resident. Please refer to [USQ International](#) for information about entry requirements, visa arrangements and how to apply.

Program fees

Domestic full fee paying place

Domestic full fee paying places are funded entirely through the full fees paid by the student. **Full fees** vary depending on the courses that are taken. You are able to calculate the fees for a particular course via the [Course Fee Finder](#).

Domestic full fee paying students may be eligible to defer their fees through a Government loan called **FEE-HELP**.

International full fee paying place

International students pay **full fees**. Full fees vary depending on the courses that are taken and whether they are studied on-campus, via distance education/online. You are able to calculate the fees for a particular course via the [Course Fee Finder](#).

Program structure

Students enrolled in the Master of Information Technology (Professional) (MITP) must complete 12 units.

Students enrolled in the Master of Information Technology (Professional) (MT16) must complete 16 units.

| Course | Semester/mode of offer |
|---|------------------------------|
| All students - two compulsory core courses: | |
| CIS2000 Systems Analysis and Design | S1 (ONC, EXT), S3 (EXT) |
| CIS2002 Database Design | S1 (ONC, EXT), S3 (EXT) |
| Electives list: MITP students complete four courses and MT16 students complete eight courses | |
| CIS2003 Component Based Software Development | S2 (ONC, EXT) |
| CIS2005 Principles of Information Security | S2 (ONC, EXT) |
| CIS3001 Object-Oriented Programming with Java | S1 (ONC, EXT) |
| CIS3002 Business Analysis | S1 (ONC, EXT) |
| CIS3003 Networks and Distributed Systems | S1 (ONC, EXT) |
| CIS3007 Enterprise Systems Development and Architecture | S2 (ONC, EXT) |
| CIS3008 Information Technology Service Management | S2 (ONC, EXT) |
| CIS3009 Enterprise Resource Systems | S2 (ONC, EXT) |
| CIS3010 Oracle Development | S2 (ONC, EXT) |
| All students - upon completion of the first six courses from above: | |
| CIS8004 Business Systems Planning and Implementation | S1 (ONC, EXT), S2 (ONC, EXT) |
| plus any five of the following courses: | |
| CIS8008 Business Intelligence Systems | S1 (ONC, EXT) |
| CIS8009 Management of Business Data Communications and Telecommunications | S1 (ONC, EXT), S2 (ONC, EXT) |
| CIS8010 Information Systems Project Management | S2 (ONC, EXT) |
| CIS8011 Emerging Information Technologies | S2 (ONC, EXT), S3 (EXT) |
| CIS8100 Global Information Systems Strategy | S1 (ONC, EXT), S3 (EXT) |
| CIS8018 Information Security for Managers | S2 (ONC, EXT), S3 (EXT) |

Required time limits

Students have a maximum of 6 years to complete this program.

IT requirements

For information technology requirements please refer to the [computer requirements section](#).

Other program requirements

Students must maintain good standing in this program. Please refer to [Academic Regulation 5.9](#) of the University Calendar.

Exit points

A student who chooses not to complete or who does not maintain good standing in this program will be permitted to exit with a Graduate Diploma of Information Technology provided that they have completed the following:

- 8 units for MITP students
- 12 units for MT16 students

Exemptions

Candidates for the 12-course Master of Information Technology (Professional) may be eligible for up to six courses of exemptions on the basis of completed equivalent postgraduate study from a recognised university

Recommended enrolment pattern

Please refer to the program structure. Students requiring assistance should contact the Program Administrator.