

Master of Information Technology (Professional) and Master of Project Management (MTPM) - MITP and MPM

| | Distance education |
|------------------------------|---|
| Semester intake: | Semester 1 (March) Semester 2 (July) Semester 3 (November) |
| Fees: | Domestic full fee paying place International full fee paying place |
| Standard duration: | 2 years full-time, 8 years part-time |
| Program articulation: | From: Graduate Diploma of Business |

Notes:

There are limited courses available in semester 3.

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 double degree in the Master of Information Technology (Professional) and the Master of Project Management allows the learning objectives of each program to be met. Graduates will focus on project management within the broader management context of the Master of Information Technology (Professional).

Program aims

The Master of Information Technology (Professional) is a vocationally and academically oriented program which allows graduates from 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. The Master of Project Management aims to produce graduates who have the appropriate skills and knowledge to be capable of managing small, medium and large-sized projects as either a senior team leader, a project manager or project director.

Program objectives

The Master of Information Technology (Professional) aims to produce graduates who are able 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.

The Master of Project Management aims to produce graduates who are able to:

- demonstrate underlying knowledge of the theoretical structure of project management as defined by the Project Management Body of Knowledge
- demonstrate essential skills in relation to identification and analysis of logistics management, and integrate logistics management into the overall operation of the organisation
- apply the theoretical principles of project management to a project environment in relation to project:
 - scheduling and time management
 - cost management
 - quality management
 - human resources management
 - communications management
 - risk management
 - procurement management
 - integration management
 - scope management
- apply management skills acquired through elective courses in the context of project management.

Admission requirements

Candidates for entry into the Master of Information Technology (Professional) and Master of Project Management must meet each of the following criteria to the satisfaction of the Director of Postgraduate Studies:

- 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 Business](#) (Information Systems) or an approved equivalent qualification.

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

The Master of Information Technology (Professional) and the Master of Project Management double degree is made up of sixteen courses:

- twelve courses from the [Master of Information Technology \(Professional\); Master of Information Technology \(Professional\) \(16 units\)](#) plus
- four core courses from the [Master of Project Management](#)

Students must complete the following courses:

| Course | Semester/mode of offer Toowoomba campus | Semester/mode of offer Springfield campus |
|---|--|--|
| 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 — students complete four 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) | |
| CIS8010 Information Systems Project Management | S2 (ONC, EXT) | |
| plus any four 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) | |
| 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) | |
| All students must complete the following four courses: | | |
| MGT8022 Project Management Framework | S1 (EXT, WEB), S3 (EXT, WEB) | S1 (ONC) |
| MGT8024 Project Quality, Risk and Procurement Management | S2 (EXT, WEB) | S2 (ONC) |
| MGT8025 Project Scope, Time and Cost Management | S1 (EXT, WEB) | S1 (ONC) |
| MGT8027 Project Human Resources, Communications and Integration Management | S2 (EXT, WEB), S3 (EXT) | S2 (ONC) |

Required time limits

Students have a maximum of 9 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 lesser qualification as set out below, provided that they have met the requirements of that program.

- A student who successfully completes eight units may, upon application, exit with a [Graduate Diploma of Business](#). A student who successfully completes all requirements for the [Graduate Certificate in Business](#) may, upon application, exit with that qualification.
- A student who successfully completes twelve courses from the Master of Information Technology (Professional) may, upon application, exit with a .

Exemptions

Exemptions may be granted on the basis of equivalent courses undertaken at postgraduate level. A double degree is required to meet the requirements of each degree studied with a maximum of 50% exemptions for each program studied individually.

This double degree meets the requirements of the 12 unit and the eight unit [Master of Project Management](#). The two programs together require the completion of 20 units, including the possibility of 10 units of exemptions with up to six units of exemptions from the and four from the [Master of Project Management](#). The structure of this double degree has been designed to include the cross allocation of six units of exemptions leaving students the possibility of a further four units of exemptions.

In order for an exemption to be granted, the claim must meet the following specific requirements:

- the course passed was taken at least at Masters or equivalent level
- the course was passed within five years prior to the application (courses up to 10 years old may be considered if evidence is provided that the applicant has been employed in that field)
- the course passed is equivalent in objectives, content and weightings to a course prescribed in the program course, or alternatively, the course is suitable as an elective
- where the student has taken out an award from a recognised tertiary institution and is claiming exemptions on the basis of courses completed to meet the requirements of that program, the maximum exemptions on the basis of such courses shall be one-half of the total courses for the program
- exemptions approved in this program will not automatically apply to other programs offered by the USQ.

Note: Where exemptions are granted, maximum and minimum duration will be adjusted in the same proportion as the exemptions, e.g. where the maximum of 50 per cent exemptions is granted, maximum and minimum duration will be reduced by one-half.

Recommended enrolment pattern

| Course | Year of program and semester in which course is normally studied | | | | | | Enrolment requirements |
|--|--|-----|----------------|-----|--------------|-----|------------------------|
| | On-campus (ONC) | | External (EXT) | | Online (WEB) | | |
| | Year | Sem | Year | Sem | Year | Sem | |
| CIS2000 Systems Analysis and Design | | | 1 | 1 | | | OE |
| CIS2002 Database Design | | | 1 | 1 | | | OE |
| CIS2003 Component Based Software Development | | | 1 | 2 | | | OE |
| CIS2005 Principles of Information Security | | | 1 | 2 | | | OE |
| CIS3001 Object-Oriented Programming with Java | | | 2 | 1 | | | OE |
| CIS3002 Business Analysis | | | 2 | 1 | | | OE |
| CIS8004 Business Systems Planning and Implementation | | | 2 | 2 | | | OE |
| CIS8010 Information Systems Project Management | | | 2 | 2 | | | OE |
| CIS8008 Business Intelligence Systems | | | 3 | 1 | | | OE |
| CIS8009 Management of Business Data Communications and Telecommunications | | | 3 | 1 | | | OE |
| CIS8011 Emerging Information Technologies | | | 3 | 2 | | | OE |
| CIS8018 Information Security for Managers | | | 3 | 2 | | | OE |
| MGT8022 Project Management Framework | | | 4 | 1 | | | OE |
| MGT8025 Project Scope, Time and Cost Management | | | 4 | 1 | | | OE |
| MGT8024 Project Quality, Risk and Procurement Management | | | 4 | 2 | | | OE |
| MGT8027 Project Human Resources, Communications and Integration Management | | | 4 | 2 | | | OE |

Footnotes

OE Before enrolling in this course students must check that they have satisfied the 'Recommended prior study' or 'Other enrolment' requirements set out in the Other requisites section of the course specification.