

Master of IT Innovation (MATI) - MITInnv

CRICOS code (International applicants): 0100406

	On-campus	Online
Semester intake:	Semester 1 (February) Semester 2 (July)	Semester 1 (February) Semester 2 (July) Semester 3 (November)
Campus:	Springfield, 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, up to 6 years part-time	

Contact us

Future Australian and New Zealand students	Future International students	Current students
Ask a question Freecall (within Australia): 1800 269 500 Phone (from outside Australia): +61 7 4631 5315 Email: study@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: usq.support@usq.edu.au

Program aims

The Master of IT Innovation is a program that enable students to acquire knowledge and skills, and project management experience in IT innovation. The program will provide students with contemporary skills including data mining, big data analytics, cloud computing, Internet of Things, FinTech, and enterprise planning. The 4-unit capstone project is a full semester course providing students with strong project management skills comparable to industry practice.

Program objectives

On completion of this program, students should be able to:

- Display an advanced and integrated IT Innovation specific knowledge, including contemporary and emerging theories and concepts.
- Critically examine, analyse, and articulate IT Innovation skills to business scenarios.
- Effectively work in a team environment leading and contributing to team projects.
- Employ a range of oral, written and digital literacies to transmit complex knowledge in professional and scholarly contexts to a diverse audience.
- Identify, interpret and evaluate major issues in a range of contemporary business information technology areas.
- Develop innovative solutions to problems using current and emerging technologies.
- Apply principles of integrity and display ethical behaviour in accordance with academic, industry and professional standards.

Australian Qualifications Framework

The Australian Qualifications Framework (AQF) is a single national, comprehensive system of qualifications offered by higher education institutions (including universities), vocational education and training institutions and secondary schools. Each AQF qualification has a set of descriptors which define the type and complexity

of knowledge, skills and application of knowledge and skills that a graduate who has been awarded that qualification has attained, and the typical volume of learning associated with that qualification type.

This program is at AQF Qualification Level 09. Graduates at this level will have specialised knowledge and skills for research, and/or professional practice and/or further learning.

The full set of levels criteria and qualification type descriptors can be found by visiting www.aqf.edu.au.

Admission requirements

To be eligible for admission, applicants must satisfy the following requirements:

- Completion of a three-year bachelor degree in the area of ICT, or equivalent, from an Australian university, **and** a minimum of two years' professional work experience in IT or Management, or equivalent.
- English Language Proficiency requirements for Category 2.

All students are required to satisfy the applicable [English language requirements](#).

If students do not meet the English language requirements they may apply to study a University-approved [English language program](#). On successful completion of the English language program, students may be admitted to an award program.

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. Students 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](#) provided they meet the residency and citizenship requirements.

Australian citizens, Permanent Humanitarian Visa holders, Permanent Resident visa holders and New Zealand citizens who will be resident outside Australia for the duration of their program pay full tuition fees and are not eligible for [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. Students are able to calculate the fees for a particular course via the [Course Fee Finder](#).

Program structure

The Master of IT Innovation consists of 16 units and has the following structure:

- four foundation core courses each of one unit
- eight advanced core courses each of one unit, and
- one capstone project course of four units.

Program completion requirements

Courses	Semester of offer Online	Semester of offer Toowoomba campus	Semester of offer Springfield campus
Foundation core courses			
CIS5206 Data Mining for Business Analytics and Cyber Security	1, 2	1, 2	

CIS5209 Systems Analysis for IT Professionals	1,2,3	1, 2	1,2
CIS8004 Enterprise Planning and Implementation	1,3	1	
CIS8011 Digital Innovation	2,3	2	2
Advanced core courses			
CIS8018 Cyber Security	2,3	2	2
CIS8500 Applied Research for Information System Professionals	1,2	2	1
CIS8503 Enterprise IT Management	1	1	1
CIS8506 Internet of Things*			
CIS8507 Cloud Computing*			
CIS8504 Blockchain Fundamentals	1,3		1
CIS8025 Big Data Analytics	1, 2	1, 2	
Select one of the following two courses			
CIS8501 Applied Information Systems Research Project	1,2	1,2	1,2
PWE8000 Advanced Professional Work Experience	1,2	1,2	1,2
Capstone core course			
CIS8204 IT Innovation Project*			

Footnotes

* This course will be available from 2021 onwards.

Students must maintain good standing in this program. Please refer to the [Academic Standing, Progression and Exclusion Procedure](#).

Required time limits

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

IT requirements

For information technology requirements please refer to the [minimum computing standards](#).

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 4 foundation core courses may, upon application, exit with the Graduate Certificate of IT Innovation qualification.
- A student who successfully completes 8 courses (4 foundation core plus any other four courses offered within the Master of IT Innovation) may, upon application, exit with the Graduate Diploma of IT Innovation qualification.

* The objectives covered within an exit point program are a subset of the overarching Masters Program objectives.

Credit

As the Master of IT Innovation is a graduate conversion program, credits approved in the program do not automatically apply to other postgraduate programs offered by USQ.

Up to a total of 8 credits may be granted for the 16-unit Master of IT Innovation.

Credits may be granted on the basis of completed equivalent postgraduate study from a recognised university.

Recommended enrolment pattern - semester 1 intake

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

Course	Year of program and semester in which course is normally studied						Enrolment requirements
	On-campus (ONC)		External (EXT)		Online (ONL)		
	Year	Sem	Year	Sem	Year	Sem	
CIS8004 Enterprise Planning and Implementation [^]	1	1			1	1	
CIS8503 Enterprise IT Management	1	1			1	1	
CIS8504 Blockchain Fundamentals	1	1			1	1	Enrolment is not permitted in CIS8504 if CIS8702 has been previously completed.
CIS5209 Systems Analysis for IT Professionals	1	1			1	1	Enrolment is not permitted in CIS5209 if CIS5200 or CIS5302 has been previously completed.
CIS8011 Digital Innovation	1	2			1	2	
CIS8500 Applied Research for Information System Professionals [#]	1	2			1	2	Pre-requisite: CIS8000 or CIS8001
CIS8025 Big Data Analytics	1	2			1	2	Enrolment is not permitted in CIS8025 if CIS8701 has been previously completed.
CIS5206 Data Mining for Business Analytics and Cyber Security	1	2			1	2	
CIS8018 Cyber Security	2	1			2	1	
CIS8506 Internet of Things	2	1			2	1	
CIS8507 Cloud Computing	2	1			2	1	
Select one of the following two courses:							
CIS8501 Applied Information Systems Research Project	2	1			2	1	Pre-requisite: CIS8500 Co-requisite: CIS8010 or CIS5310
PWE8000 Advanced Professional Work Experience	2	1			2	1	
CIS8204 IT Innovation Project [*]	2	2			2	2	

Footnotes

[^] This course is not available at Springfield campus. Students should enrol in online mode.

[#] Not available at Toowoomba campus in Semester 1.

^{*} This course is equal to four (4) units.

Recommended enrolment pattern - semester 2 intake

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

Course	Year of program and semester in which course is normally studied						Enrolment requirements
	On-campus (ONC)		External (EXT)		Online (ONL)		
	Year	Sem	Year	Sem	Year	Sem	
CIS8011 Digital Innovation	1	1			1	1	
CIS8500 Applied Research for Information System Professionals[#]	1	1			1	1	Pre-requisite: CIS8000 or CIS8001
CIS8025 Big Data Analytics	1	1			1	1	Enrolment is not permitted in CIS8025 if CIS8701 has been previously completed.
CIS5206 Data Mining for Business Analytics and Cyber Security	1	1			1	1	
CIS8004 Enterprise Planning and Implementation[^]	1	2			1	2	
CIS8503 Enterprise IT Management	1	2			1	2	
CIS8504 Blockchain Fundamentals	1	2			1	2	Enrolment is not permitted in CIS8504 if CIS8702 has been previously completed.
CIS5209 Systems Analysis for IT Professionals	1	2			1	2	Enrolment is not permitted in CIS5209 if CIS5200 or CIS5302 has been previously completed.
CIS8018 Cyber Security	2	1			2	1	
CIS8506 Internet of Things	2	1			2	1	
CIS8507 Cloud Computing	2	1			2	1	
Select one of the following two courses							
CIS8501 Applied Information Systems Research Project	2	1			2	1	Pre-requisite: CIS8500 Co-requisite: CIS8010 or CIS5310
PWE8000 Advanced Professional Work Experience	2	1			2	1	
CIS8204 IT Innovation Project[*]	2	2			2	2	

Footnotes

Not available at Toowoomba campus in Semester 1.

[^] This course is not available at Springfield campus. Students should enrol in online mode.

^{*} This course is equal to four (4) units.

Recommended enrolment pattern - semester 3 intake

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

Course	Year of program and semester in which course is normally studied						Enrolment requirements
	On-campus (ONC)		External (EXT)		Online (ONL)		
	Year	Sem	Year	Sem	Year	Sem	
CIS8004 Enterprise Planning and Implementation[^]					1	3	
CIS5209 Systems Analysis for IT Professionals					1	3	Enrolment is not permitted in CIS5209 if CIS5200 or CIS5302 has been previously completed.
CIS8504 Blockchain Fundamentals					1	3	Enrolment is not permitted in CIS8504 if CIS8702 has been previously completed.
CIS8503 Enterprise IT Management	1	1			1	1	
CIS8506 Internet of Things	1	1			1	1	
CIS8507 Cloud Computing	1	1			1	1	

Course	Year of program and semester in which course is normally studied						Enrolment requirements
	On-campus (ONC)		External (EXT)		Online (ONL)		
	Year	Sem	Year	Sem	Year	Sem	
Select one of the following two courses:							
CIS8501 Applied Information Systems Research Project	1				1	1	Pre-requisite: CIS8500 Co-requisite: CIS8010 or CIS5310
PWE8000 Advanced Professional Work Experience	1	1			1	1	
CIS8011 Digital Innovation	1	2			1	2	
CIS8500 Applied Research for Information System Professionals[#]	1	2			1	2	Pre-requisite: CIS8000 or CIS8001
CIS8025 Big Data Analytics	1	2			1	2	Enrolment is not permitted in CIS8025 if CIS8701 has been previously completed.
CIS5206 Data Mining for Business Analytics and Cyber Security	1	2			1	2	
CIS8018 Cyber Security					2	3	
CIS8204 IT Innovation Project[*]	2	1			2	1	

Footnotes

- [^] This course is not available at Springfield campus. Students should enrol in online mode.
- [#] Not available at Toowoomba campus in Semester 1
- ^{*} This course is equal to four (4) units