

Master of Information Systems (MISP) - MIS

CRICOS code (International applicants): 082461C

	On-campus	Online
Start:	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

Professional accreditation

The Master of Information Systems program is accredited at professional level by the [Australian Computer Society](#) (ACS) and, through the Seoul Accord is recognised in other countries. The Seoul Accord is a [multi-lateral agreement](#) that allows ACS accreditation to be recognised globally. This means that graduates from this program will have their degree recognised by other countries who are members of the Accord.

Program aims

The Master of Information Systems is a professionally-oriented program that provides university graduates with the opportunity to acquire an information systems qualification. The program comprises 16 courses.

Program objectives

The Master of Information Systems aims to produce graduates who are able to:

- (1) Identify and analyse legal, security and privacy issues typically encountered in working as an IT professional.
- (2) Apply sound judgment in responding to important ethical, legal, security and privacy issues that would be encountered in working as an IT professional.
- (3) Plan and evaluate strategies to enhance the chances of leading successful entrepreneurial endeavours and organisational innovation using independent and well-developed judgement.
- (4) Critically analyse then synthesise complex scenarios to solve real-world problems related to the use and application of information technology.
- (5) Evaluate appropriate research methodologies to help identify, collect, analyse and manage a range of information technology issues.
- (6) Communicate professionally and effectively in written and verbal communication to relevant stakeholders.
- (7) Critically analyse ethical issues in a range of situations that confront IT professionals when called to make ethically appropriate decisions.

(8) Interact and collaborate effectively with others in teamwork tasks in a range of settings.

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 an Australian university Bachelor degree, or equivalent.
- English Language Proficiency requirements for Category 2.

Candidates without an acceptable Bachelor degree or equivalent and who have completed a minimum of five years' professional work experience may be eligible for entry into a [Graduate Certificate of Business](#), and upon completion and achievement of a minimum GPA of 4.0, may apply for entry into the Master of Information Systems.

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 Schedule](#)

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 Schedules](#).

Program structure

Course	Semester of Offer Distance/Online	Semester of offer Toowoomba campus	Semester of offer Springfield campus
Compulsory Foundation Courses			

CIS5100 Professional Skills for Information Systems	1, 2, 3	1, 2	1, 2
CIS5101 Digital Enterprise	2, 3	2	2
CIS5209 Systems Analysis for IT Professionals	1, 2, 3	1, 2	1, 2
CIS5205 Management of Information Security	2	2	2
CIS5206 Data Mining for Business Analytics and Cyber Security ⁺	2	2	
CIS5308 Management of Information Technology Services	1	1	1
CIS5309 Management of Business Networks and the Cloud	1	1	1
CIS5310 IS/ICT Project Management	1, 2, 3	1	1
Compulsory Advanced Courses			
CIS8001 Technology Entrepreneurship	1, 2	1, 2	1, 2
CIS8008 Business Intelligence	1, 2	1	1
CIS8018 Cyber Security	2, 3	2	2
CIS8500 Applied Research for Information System Professionals	1, 2	2	1
CIS8501 Advanced Information Systems Project	1, 2	1, 2	1, 2
PWE8000 Advanced Professional Work Experience	1, 2	1, 2	1, 2
Elective Advanced Course (Complete three (4)) of the following six (6) courses)			
CIS8011 Digital Innovation	2, 3	2	2
CIS8025 Big Data Visualisation	1, 2	1, 2	
CIS8504 Blockchain Fundamentals	1, 3		1
CIS8710 Human Factors in Cyber Security	2, 3		2
CIS8708 Digital Forensics	1		1

CIS8506 Internet of Things*			
CIS8503 Enterprise IT Management	3		

Footnotes

+ This course is available to students who commence the program in S1, 2020 onwards.

* This Course will be available from 2022 onwards.

Program completion requirements

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 courses that satisfy the requirements of the [Graduate Certificate of Business](#) may, upon application, exit with that qualification.
- A student who successfully completes 8 courses that satisfy the requirements of the [Graduate Diploma of Business](#) may, upon application, exit with that qualification.

Credit

As the Master of Information Systems 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-course Master of Information Systems. Four units of credit may be granted for an undergraduate degree in an Information Systems or Information Technology related discipline area from a recognised university.

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	
CIS5100 Professional Skills for Information Systems	1	1			1	1	
CIS5209 Systems Analysis for IT Professionals	1	1			1	1	Enrolment is not permitted in CIS5209 if CIS5200 or CIS5302 has been previously completed.
CIS5310 IS/ICT Project Management	1	1			1	1	Enrolment is not permitted in CIS5310 if CIS8010 has been previously completed.
CIS5308 Management of Information Technology Services	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	
CIS5101 Digital Enterprise	1	2			1	2	Co-requisite: CIS5100 or Students must be enrolled in one of the following Programs: GCBU or GDBZ or MBAD or IMBA or MPP M. Enrolment is not permitted in CIS5101 if CIS8100 has been previously completed.
CIS5205 Management of Information Security	1	2			1	2	Co-requisite: CIS5100
CIS8001 Technology Entrepreneurship	1	2			1	2	Enrolment is not permitted in CIS8001 if CIS8000 has been previously completed.
CIS5206 Data Mining for Business Analytics and Cyber Security⁺	1	2			1	2	
Elective Advanced Course 1	2	1			2	1	
CIS8500 Applied Research for Information System Professionals[#]	2	1			2	1	Pre-requisite: CIS8001 or CIS8008
CIS5309 Management of Business Networks and the Cloud	2	1			2	1	Enrolment is not permitted in CIS5309 if CIS8009 has been previously completed.
CIS8008 Business Intelligence[^]	2	1			2	1	
Elective Advanced Course 2	2	2			2	2	
Elective Advanced Course 3	2	2			2	2	
CIS8018 Cyber Security	2	2			2	2	
Complete Either CIS8501 or PWE8000							
CIS8501 Advanced Information Systems Project	2	2			2	2	Pre-requisite: CIS8500 Co-requisite: CIS8010 or CIS5310
PWE8000 Advanced Professional Work Experience	2	2			2	2	

Footnotes

- + This course is available to students who commence the program in S1, 2020 onwards.
CIS8500 Applied Research for Information System Professionals is not available at Toowoomba campus in Semester 1.
^ CIS8008 Business Intelligence is not offered on-campus in Semester 2. Students should enrol in online mode.

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	
CIS5100 Professional Skills for Information Systems	1	2			1	2	
CIS5101 Digital Enterprise	1	2			1	2	Co-requisite: CIS5100 or Students must be enrolled in one of the following Programs: GCBU or GDBZ or MBAD or IMBA or MPP M. Enrolment is not permitted in CIS5101 if CIS8100 has been previously completed.
CIS5205 Management of Information Security	1	2			1	2	Co-requisite: CIS5100
CIS5206 Data Mining for Business Analytics and Cyber Security⁺	1	2			1	2	
CIS5209 Systems Analysis for IT Professionals	1	1			1	1	Enrolment is not permitted in CIS5209 if CIS5200 or CIS5302 has been previously completed.
CIS5310 IS/ICT Project Management	1	1			1	1	Enrolment is not permitted in CIS5310 if CIS8010 has been previously completed.
CIS5308 Management of Information Technology Services	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	
CIS8001 Technology Entrepreneurship	1	1			1	2	Enrolment is not permitted in CIS8001 if CIS8000 has been previously completed.
CIS8008 Business Intelligence [^]	2	2			2	2	
Elective Advanced Course 1	2	2			2	2	
CIS8018 Cyber Security	2	2			2	2	
CIS8500 Applied Research for Information System Professionals	2	2			2	2	Pre-requisite: CIS8001 or CIS8008
Elective Advanced 2	2	1			2	1	
CIS5309 Management of Business Networks and the Cloud	2	1			2	1	Enrolment is not permitted in CIS5309 if CIS8009 has been previously completed.
Elective Advanced 3	2	1			2	1	
Complete Either CIS8501 or PWE8000							
CIS8501 Advanced Information Systems Project	2	1			2	1	Pre-requisite: CIS8500 Co-requisite: CIS8010 or CIS5310
PWE8000 Advanced Professional Work Experience	2	1			2	1	

Footnotes

+ This course is available to students who commence the program in S1, 2020 onwards.

[^] CIS8008 Business Intelligence is not offered on-campus in Semester 2. Students should enrol in online mode.