

Master of Cyber Security (MCYS) - MCyberSec New

CRICOS code (International applicants): 0100380

	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 4 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 Cyber Security is a program that enables students to acquire an advanced level of knowledge and skills, including project experience in Cyber Security. The program will provide students with skills in Cyber Security and broaden this knowledge into contemporary domains including data mining, big data analytics, web and cloud security, Internet of Things, Financial Technology, and digital forensics. The capstone project provides students with skills comparable to industry practice.

Program objectives

Upon successful completion of this program, students should be able to:

- Expertly synthesise and apply advanced Cyber Security specific knowledge, including contemporary and emerging theories and concepts, to a range of business contexts and scenarios.
- Critically examine, analyse, implement and articulate a range of innovative solutions to a variety of real-life Cyber-Security business scenarios.
- Apply specialised cognitive and technical skills to investigate, critically reflect and synthesise complex ideas at an abstract level.
- Effectively work in a project environment by contributing to the successful completion of a Cyber Security project.
- Employ a range of oral, written and digital literacies to transmit complex Cyber Security knowledge in professional and scholarly contexts to a diverse audience.
- Apply principles of integrity and high calibre 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 an Australian university bachelor degree, 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 Univ

Core courses

Governance Risk & Compliance specialisation

Courses	Semester of offer Online	Semester of offer Toowoomba campus	Semester of offer Springfield campus
CIS8707 Cyber-incident Response	2,3		2
CIS8709 Cyber Governance & Leadership	2,3		2
CIS8712 Information Assurance and Risk Management	2		1
LAW3476 Privacy and Data Protection Law	1		

Technical specialisation

Courses	Semester of offer Online	Semester of offer Toowoomba campus	Semester of offer Springfield campus
CSC8507 Networking Technologies	1	1	
CSC8512 Advanced System Administration	1		1
CSC8002 Big Data Management	2,3	2	2
CSC8003 Machine Learning	2,3	2	

IT requirements

For information technology requirements please refer to USQ's [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. The objectives covered within an exit point program are a subset of the overarching Masters Program objectives.

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

Credit

As the Master Cyber Security 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 Cyber Security.

Credits may be granted on the basis of completed equi..

