Master of Cyber Security

Cryptography

Postgraduate Program - Consists of 32 units
Suggested Study Plans from 2026 Commencement Onwards

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA
CREATE CHANGE

Program and Course requirements

For the **Master of Cyber Security** full program and course requirements, click here. Make sure to check your program's rules to ensure you are compliant with requirements.

Prerequisite Courses

Students are expected to be aware if a course has prerequisites and must have successfully completed any required prerequisites before enrolling. A prerequisite course provides the foundational knowledge needed to progress to the next course and may be high school subjects or university-level study/courses.

Prerequisites are listed on the course profile and the course page on the Programs and Courses website.

Electives

Depending on your program, you may need to complete compulsory and elective courses.

Electives are courses you can choose, while compulsory courses are mandatory courses that you must study. You must successfully complete all the required units of elective and compulsory courses to meet the program requirements. Your program rules outline how many electives you can study and the types of electives you can choose from.

Search Programs and Courses website for your program to confirm program rules and elective options.

Academic Advice

Academic advisors provide specialist help in course selection and can look at your individual study history to make personalised recommendations on your study plan.

If you need assistance with your program, you can seek Academic Advice.

Additional Information

Course profiles are underlined and hyperlinked to their relevant course page which can be accessed by clicking the underlined text.

If you withdraw from this program after completing 8 units of core courses, and 8 units from a relevant field of study (not including foundational courses) from the MCyberSec program requirements, you may apply to be awarded a Graduate Diploma in Cyber Security in the relevant field.

CRICOS: 00025B TEQSA: PRV12080

Master of Cyber Security

Cryptography

Postgraduate Program - Consists of 32 units
Suggested Study Plans from 2026 Commencement Onwards

The University Of Queensland
AUSTRALIA

CREATE CHANGE

1 & 2 Course offered in both Semester 1 & 2

X units This course does not consist of 2 units

The following is a colour reference guide, including notes around course offerings and units:

Core Courses | Field of Study | Program Electives

Semester 1 Commencement

YEAR 1

Sem 1 Feb	CYBR7001 Fundamentals of Cyber Security (1 & 2)	CYBR7002 Information Security Essentials (1 & 2)	MATH7051 Calculus & Linear Algebra I (1 & 2)	MATH7307 Linear & Abstract Algebra & Number Theory
Sem 2 July	CYBR7003 Cyber Security Governance, Policy, Ethics and Law (1 & 2)	CRIM7080 Cyber Criminology and Global Security (1 & 2)	MATH7308 Discrete Mathematics II	STAT7203 Probability Models & Data Analysis

YEAR 2

Sem 1 Feb	CYBR7901 Cyber Security Capstone Project 1 (1 & 2)	MATH3302 Coding & Cryptography	MATH7305 Applied Cryptography	MCyberSec Elective (1 & 2) OR Cryptography Elective (1 & 2)
Sem 2 July	CYBR7902 Cyber Security Capstone Project 2 (4 units, 1 & 2)		MATH7306 Quantum Algorithms & Computing	MCyberSec Elective (1 & 2) OR Cryptography Elective (1 & 2)

Semester 2 Commencement

YEAR 1

Sem 2 July	CYBR7001 Fundamentals of Cyber Security (1 & 2)	CRIM7080 Cyber Criminology and Global Security (1 & 2)	MATH7051 Calculus & Linear Algebra I (1 & 2)	MATH7308 Discrete Mathematics II
Sem 1 Feb	CYBR7003 Cyber Security Governance, Policy, Ethics and Law (1 & 2)	CYBR7002 Information Security Essentials (1 & 2)	MATH7307 Linear & Abstract Algebra & Number Theory	MCyberSec Elective (1 & 2) OR Cryptography Elective (1 & 2)

YEAR 2

Sem 2 July	CYBR7901 Cyber Security Capstone Project 1 (1 & 2)	MATH7306 Quantum Algorithms & Computing	STAT7203 Probability Models & Data Analysis	MCyberSec Elective (1 & 2) OR Cryptography Elective (1 & 2)
Sem 1 Feb	CYBR7902 Cyber Security Capstone Project 2 (4 units, 1 & 2)		MATH3302 Coding & Cryptography	MATH7305 Applied Cryptography

Students must follow the program rules and requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Published: June 2026

CRICOS: 00025B TEQSA: PRV12080

Master of Cyber Security

Cyber Defence

Postgraduate Program - Consists of 32 units
Suggested Study Plans from 2026 Commencement Onwards

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA
CREATE CHANGE

Program and Course requirements

For the **Master of Cyber Security** full program and course requirements, click here. Make sure to check your program's rules to ensure you are compliant with requirements.

Prerequisite Courses

Students are expected to be aware if a course has prerequisites and must have successfully completed any required prerequisites before enrolling. A prerequisite course provides the foundational knowledge needed to progress to the next course and may be high school subjects or university-level study/courses.

Prerequisites are listed on the course profile and the course page on the Programs and Courses website.

Electives

Depending on your program, you may need to complete compulsory and elective courses.

Electives are courses you can choose, while compulsory courses are mandatory courses that you must study. You must successfully complete all the required units of elective and compulsory courses to meet the program requirements. Your program rules outline how many electives you can study and the types of electives you can choose from.

Search Programs and Courses website for your program to confirm program rules and elective options.

Academic Advice

Academic advisors provide specialist help in course selection and can look at your individual study history to make personalised recommendations on your study plan.

If you need assistance with your program, you can seek Academic Advice.

Additional Information

Course profiles are underlined and hyperlinked to their relevant course page which can be accessed by clicking the underlined text.

If you withdraw from this program after completing 8 units of core courses, and 8 units from a relevant field of study (not including foundational courses) from the MCyberSec program requirements, you may apply to be awarded a Graduate Diploma in Cyber Security in the relevant field.

CRICOS: 00025B TEQSA: PRV12080

Master of Cyber Security

Cyber Defence

Postgraduate Program - Consists of 32 units
Suggested Study Plans from 2026 Commencement Onwards

The University Of Queensland
AUSTRALIA

CREATE CHANGE

1 & 2 Course offered in both Semester 1 & 2

X units This course does not consist of 2 units

The following is a colour reference guide, including notes around course offerings and units:

Core Courses | Field of Study | Program Electives

Semester 1 Commencement

YEAR 1

Sem 1 Feb	CYBR7001 Fundamentals of Cyber Security (1 & 2)	CSSE7030 Introduction to Programming (1 & 2)	MATH7861 Discrete Mathematics (1 & 2)	INFS7901 Database Principles
Sem 2 July	CYBR7002 Information Security Essentials (1 & 2)	CYBR7003 Cyber Security Governance, Policy, Ethics and Law (1 & 2)	CRIM7080 Cyber Criminology and Global Security (1 & 2)	CSSE7231 Computer Systems Principles and Programming (1 & 2)

YEAR 2

Sem 1 Feb	CYBR7901 Cyber Security Capstone Project 1 (1 & 2)	COMP3320 Vulnerability Assessment and Penetration Testing	COMP7710 Artificial Intelligence for Cyber Security	MCyberSec Elective (1 & 2) OR Cyber Defence Elective (1 & 2)
Sem 2 July	CYBR7902 Cyber Security Capstone Project 2 (4 units, 1 & 2)		COMP7711 Cyber Incident Response	MCyberSec Elective (1 & 2) OR Cyber Defence Elective (1 & 2)

Semester 2 Commencement

YEAR 1

Sem 2 July	CYBR7001 Fundamentals of Cyber Security (1 & 2)	CRIM7080 Cyber Criminology and Global Security (1 & 2)	CSSE7030 Introduction to Programming (1 & 2)	MATH7861 Discrete Mathematics (1 & 2)
Sem 1 Feb	CYBR7003 Cyber Security Governance, Policy, Ethics and Law (1 & 2)	CYBR7002 Information Security Essentials (1 & 2)	CSSE7231 Computer Systems Principles and Programming (1 & 2)	INFS7901 Database Principles

YEAR 2

Sem 2 July	CYBR7901 Cyber Security Capstone Project 1 (1 & 2)	COMP7711 Cyber Incident Response	MCyberSec Elective (1 & 2) OR Cyber Defence Elective (1 & 2)	MCyberSec Elective (1 & 2) OR Cyber Defence Elective (1 & 2)
Sem 1 Feb	CYBR7902 Cyber Security Capstone Project 2 (4 units, 1 & 2)		COMP3320 Vulnerability Assessment and Penetration Testing	COMP7710 Artificial Intelligence for Cyber Security

CRICOS: 00025B TEQSA: PRV12080

Students must follow the program rules and requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Published: June 2026

Master of Cyber Security

Leadership

Postgraduate Program - Consists of 32 units
Suggested Study Plans from 2026 Commencement Onwards

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA
CREATE CHANGE

Program and Course requirements

For the **Master of Cyber Security** full program and course requirements, click here. Make sure to check your program's rules to ensure you are compliant with requirements.

Prerequisite Courses

Students are expected to be aware if a course has prerequisites and must have successfully completed any required prerequisites before enrolling. A prerequisite course provides the foundational knowledge needed to progress to the next course and may be high school subjects or university-level study/courses.

Prerequisites are listed on the course profile and the course page on the Programs and Courses website.

Electives

Depending on your program, you may need to complete compulsory and elective courses.

Electives are courses you can choose, while compulsory courses are mandatory courses that you must study. You must successfully complete all the required units of elective and compulsory courses to meet the program requirements. Your program rules outline how many electives you can study and the types of electives you can choose from.

Search Programs and Courses website for your program to confirm program rules and elective options.

Academic Advice

Academic advisors provide specialist help in course selection and can look at your individual study history to make personalised recommendations on your study plan.

If you need assistance with your program, you can seek Academic Advice.

Additional Information

Course profiles are underlined and hyperlinked to their relevant course page which can be accessed by clicking the underlined text.

If you withdraw from this program after completing 8 units of core courses, and 8 units from a relevant field of study (not including foundational courses) from the MCyberSec program requirements, you may apply to be awarded a Graduate Diploma in Cyber Security in the relevant field.

CRICOS: 00025B TEQSA: PRV12080

Master of Cyber Security

Leadership

Postgraduate Program - Consists of 32 units
Suggested Study Plans from 2026 Commencement Onwards

The University Of Queensland
AUSTRALIA

CREATE CHANGE

1 & 2 Course offered in both Semester 1 & 2

X units This course does not consist of 2 units

The following is a colour reference guide, including notes around course offerings and units:

Core Courses | Field of Study | Program Electives

Semester 1 Commencement

YEAR 1

Sem 1 Feb	CYBR7001 Fundamentals of Cyber Security (1 & 2)	CYBR7002 Information Security Essentials (1 & 2)	LAWS7023 Business and Corporate Law (1 & 2)	MGTS7619 Leadership: Theory and Practice
Sem 2 July	CYBR7003 Cyber Security Governance, Policy, Ethics and Law (1 & 2)	CRIM7080 Cyber Criminology and Global Security (1 & 2)	MGTS7303 Principles of Strategic Management (1 & 2)	MGTS7601 Managing Organisational Behaviour (1 & 2)

YEAR 2

Sem 1 Feb	CYBR7901 Cyber Security Capstone Project 1 (1 & 2)	BISM7620 Cyber Security Risk Management and Controls	MCyberSec Elective (1 & 2) OR Leadership Elective (1 & 2)	MCyberSec Elective (1 & 2) OR Leadership Elective (1 & 2)
Sem 2 July	CYBR7902 Cyber Security Capstone Project 2 (4 units, 1 & 2)		LAWS7026 Corporate Governance	MGTS7635 Cyber Security Human Capital Leadership

Semester 2 Commencement

YEAR 1

Sem 2 July	CYBR7001 Fundamentals of Cyber Security (1 & 2)	CRIM7080 Cyber Criminology and Global Security (1 & 2)	LAWS7023 Business and Corporate Law (1 & 2)	MGTS7619 Leadership: Theory and Practice (1 & 2)
Sem 1 Feb	CYBR7003 Cyber Security Governance, Policy, Ethics and Law (1 & 2)	CYBR7002 Information Security Essentials (1 & 2)	MGTS7303 Principles of Strategic Management (1 & 2)	MGTS7601 Managing Organisational Behaviour

YEAR 2

Sem 2 July	CYBR7901 Cyber Security Capstone Project 1 (1 & 2)	LAWS7026 Corporate Governance	MGTS7635 Cyber Security Human Capital Leadership	MCyberSec Elective (1 & 2) OR Leadership Elective (1 & 2)
Sem 1 Feb	CYBR7902 Cyber Security Capstone Project 2 (4 units, 1 & 2)		BISM7620 Cyber Security Risk Management and Controls	MCyberSec Elective (1 & 2) OR Leadership Elective (1 & 2)

CRICOS: 00025B TEQSA: PRV12080

Students must follow the program rules and requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Published: June 2026