# Master of Cyber Security #24 (Cryptography)



CREATE CHANGE

These study plans are a guide only for students commencing the Master of Cyber Security in 2023 (#24 units). Please note that all course selections must adhere to the program course list outlined at UQ Courses and Programs. If you have any questions or concerns regarding your course selections, please speak with an Academic Advisor in the School of ITEE.

### Sem 1 Commencement

Sem 1 (Feb)	CYBR7001 Fundamentals of Cyber Security (2 units)	CYBR7002 Information Security Essentials (2 units)	CYBR7003 Cyber Security Governance, Policy, Ethics & Law (2 units)	MATH3302 Coding & Cryptography (2 units)
Sem 2 (July)	CRIM7080 Cyber Criminology & Global Security (2 units)	MATH7306 Quantum Algorithms & Computing (2 units)	Elective	CYBR7901 Capstone Project 1 (2 units)
Sem 1 (Feb)	MATH7305 Applied Cryptography (2 units)	Elective	CYBR7902 Capstone Project 2 (4 units)	

MCyberSec Core Courses: 8 units

Cryptography Compulsory Courses: 6 units

Elective Courses: 4 units



Sem 2 (July)	CYBR7001 Fundamentals of Cyber Security (2 units)	CYBR7002 Information Security Essentials (2 units)	CYBR7003 Cyber Security Governance, Policy, Ethics & Law (2 units)	CRIM7080 Cyber Criminology & Global Security (2 units)
Sem 1 (Feb)	MATH7305 Applied Cryptography (2 units)	MATH3302 Coding & Cryptography (2 units)	Elective	CYBR7901 Capstone Project 1 (2 units)
Sem 2 (July)	MATH7306 Quantum Algorithms & Computing (2 units)	Elective	CYBR7902 Capstone Project 2 (4 units)	

MCyberSec Core Courses: 8 units
Cryptography Compulsory Courses: 6 units

Elective Courses: 4 units

# Master of Cyber Security #24 (Cyber Criminology)



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#### Sem 1 Commencement

Sem 1 (Feb)	CYBR7001 Fundamentals of Cyber Security (2 units)	CRIM7080 Cyber Criminology & Global Security (2 units)	CRIM7010 Cyber Crime Foundations (2 units)	CRIM7060 Cyber Crime Offending (2 units)
Sem 2 (July)	CYBR7002 Information Security Essentials (2 units)	CYBR7003 Cyber Security Governance, Policy, Ethics & Law (2 units)	CRIM7090 Regulation, Investigation & Responses (2 units)	CYBR7901 Capstone Project 1 (2 units)
Sem 1 (Feb)	Elective	Elective	CYBR7902 Capstone Project 2 (4 units)	

MCyberSec Core Courses: 8 units

Cyber Criminology Compulsory Courses: 6 units

Elective Courses: 4 units



Sem 2 (July)	CYBR7001 Fundamentals of Cyber Security (2 units)	CYBR7002 Information Security Essentials (2 units)	CYBR7003 Cyber Security Governance, Policy, Ethics & Law (2 units)	CRIM7080 Cyber Criminology & Global Security (2 units)
Sem 1 (Feb)	CRIM7010 Cyber Crime Foundations (2 units)	CRIM7060 Cyber Crime Offending (2 units)	Elective	CYBR7901 Capstone Project 1 (2 units)
Sem 2 (July)	CRIM7090 Regulation, Investigation & Responses (2 units)	Elective	CYBR7902 Capstone Project 2 (4 units)	

MCyberSec Core Courses: 8 units
Cyber Criminology Compulsory Courses: 6 units

Elective Courses: 4 units

## Master of Cyber Security #24 (Cyber Defence)



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### Sem 1 Commencement

Sem 1 (Feb)	CYBR7001 Fundamentals of Cyber Security (2 units)	CYBR7002 Information Security Essentials (2 units)	CYBR7003 Cyber Security Governance, Policy, Ethics & Law (2 units)	COMP7710 Al for Cyber Security (2 units)
Sem 2 (July)	CRIM7080 Cyber Criminology & Global Security (2 units)	COMP7711 Cyber Incident Response (2 units)	Elective	CYBR7901 Capstone Project 1 (2 units)
Sem 1 (Feb)	COMP3320 Vulnerability Assessment & Penetration Testing (2 units)	Elective	CYBR7902 Capstone Project 2 (4 units)	

MCyberSec Core Courses: 8 units

Cyber Defence Compulsory Courses: 6 units

Elective Courses: 4 units



Sem 2 (July)	CYBR7001 Fundamentals of Cyber Security (2 units)	CYBR7002 Information Security Essentials (2 units)	CYBR7003 Cyber Security Governance, Policy, Ethics & Law (2 units)	CRIM7080 Cyber Criminology & Global Security (2 units)
Sem 1 (Feb)	COMP3320 Vulnerability Assessment & Penetration Testing (2 units)	COMP7710 Al for Cyber Security (2 units)	Elective	CYBR7901 Capstone Project 1 (2 units)
Sem 2 (July)	COMP7711 Cyber Incident Response (2 units)	Elective	CYBR7902 Capstone Project 2 (4 units)	

MCyberSec Core Courses: 8 units

Cyber Defence Compulsory Courses: 6 units

Elective Courses: 4 units

# Master of Cyber Security #24 (Leadership)



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### Sem 1 Commencement

Sem 1 (Feb)	CYBR7001 Fundamentals of Cyber Security (2 units)	CYBR7002 Information Security Essentials (2 units)	CYBR7003 Cyber Security Governance, Policy, Ethics & Law (2 units)	BISM7620 Cyber Security Risk Management & Control (2 units)
Sem 2 (July)	CRIM7080 Cyber Criminology & Global Security (2 units)	LAWS7026 Corporate Governance Law & Practice (2 units)	MGTS7635 Cyber Security Human Capital Leadership (2 units)	CYBR7901 Capstone Project 1 (2 units)
Sem 1 (Feb)	Elective	Elective	CYBR7902 Capstone Project 2 (4 units)	

MCyberSec Core Courses: 8 units

Leadership Compulsory Courses: 6 units

Elective Courses: 4 units



Sem 2 (July)	CYBR7001 Fundamentals of Cyber Security (2 units)	CYBR7002 Information Security Essentials (2 units)	CYBR7003 Cyber Security Governance, Policy, Ethics & Law (2 units)	CRIM7080 Cyber Criminology & Global Security (2 units)
Sem 1 (Feb)	BISM7620 Cyber Security Risk Management & Control (2 units)	Elective	Elective	CYBR7901 Capstone Project 1 (2 units)
Sem 2 (July)	LAWS7026 Corporate Governance Law & Practice (2 units)	MGTS7635 Cyber Security Human Capital Leadership (2 units)	CYBR7902 Capstone Project 2 (4 units)	

MCyberSec Core Courses: 8 units
Leadership Compulsory Courses: 6 units

Elective Courses: 4 units