2026 Dual Program Planner
Bachelor of Computer Science / Master of Cyber Security (BCompSc/MCyberSec)

THE UNIVERSITY OF QUEENSLAND AUSTRALIA | CREATE CHANGE

Program Overview

Program Code: 2560
Total Units: 64
Please refer to Bachelor of Computer Science / Master of Cyber Security for further information on the program.

Important Information

- At UQ we refer to your degree as a program and a subject as a course.
- Most UQ courses have a value of 2 units, however some courses may differ. Please check Programs and Courses for specific course details.
- If you are a full-time student, you will undertake 8 units (usually 4 courses) each semester.
- A course can only count once towards your program requirements.

It is your responsibility to make sure you complete the requirements for each component of this dual program so you can graduate with both programs. You must follow the program requirements, including any additional rules, listed on the Programs and Courses website. This program planner must be used in conjunction with your Program and Course Requirements.

You need to check the prerequisites, incompatible courses, restrictions and semester offerings for all courses you choose in your study plan each semester.

Program Requirements

You must complete a total of 64 units for this program, comprising:

Bachelor of Computer Science (BCompSc) component
48 units from BCompSc course list including –

- 24 units for all BCompSc Core Courses, and

- 8 to 16 units for BCompSc Plan Options, and

- 8 units for all BCompSc to MCyberSec Articulation Courses, and

- 0 to 8 units from Cryptography Field of Study Prerequisite Courses, and

- 0 to 2 units from Cyber Defence Field of Study Prerequisite Courses, and

- 0 to 8 units from BCompSc Program Elective Courses

Master of Cyber Security (MCyberSec) component
16 units from MCyberSc course list including –

- 8 units for one Field of Study from MCyberSec Field of Study Options, and

- 6 units for all MCyberSec Capstone Courses, and

- 2 units from MCyberSec Program Elective Courses

Additional Rules

Your program has additional rules that you need to read carefully to make sure you meet your program requirements for graduation – please refer to your program information on the Programs and Courses website.

Selecting Plans in SI-Net

A plan is a prescribed combination of courses within a program being either a Major (16 units), Extended Major (24 units), or Minor (8 units). Make sure the plans for your program are correctly listed in mySI-net. If you require assistance selecting your plan(s), follow these instructions.

You may need to amend this study planner depending on the plan(s) that you have chosen to study.

Program Planner Guidelines

This planner is intended as a guide only and is based on current scheduling of courses. Please note that scheduling can change from year to year. You are advised to check the scheduling for the current year and contact the relevant faculty for advice if course scheduling has changed.

Global Experience

If you are planning on completing an overseas exchange, you may have to amend this plan. You are strongly encouraged to seek advice as early as possible – preferably in your first or second semester of study.

Changing to a Single Program (Exit Early)

If you exit early with one component of a dual program, you must complete the single program requirements of that component. You will then be required to follow the single program requirements to complete the remaining component from that dual program.

If you decide to change your program at any time during your studies, please contact the relevant faculty for advice.

Further Assistance

If you need more help or have any questions, please contact the relevant faculty for advice:

Bachelor of Computer Science
Faculty of Engineering, Architecture and Information Technology
Email: enquiries@eait.uq.edu.au

Master of Cyber Security
Faculty of Engineering, Architecture and Information Technology
Email: enquiries@eait.uq.edu.au

Program Planners

Bachelor of Computer Science / Master of Cyber Security

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Semester 1 Commencement | Full-Time Study | MCyberSec Cyber Defence Field of Study

Year 1

Bachelor of Computer Science					
Semester 1					
CSSE1001	Introduction to Software Engineering	2 units	**MATH1061 or MATH1081**	Discrete Mathematics / Advanced Discrete Mathematics	2 units
INFS1200	Introduction to Information Systems	2 units	**STAT1201**	Analysis of Scientific Data	2 units
Semester 2					
COMP1100	Introduction to Software Innovation	2 units	**COMP2200**	Ethical Practice in Computing	2 units
CSSE2010	Introduction to Computer Systems	2 units	**INFS2200**	Relational Database Systems (As part of a major, if studying a BCompSc major.)	2 units

Year 2

Bachelor of Computer Science					
Semester 1					
CSSE2002	Programming in the Large	2 units	**CSSE2310**	Computer Systems Principles and Programming	2 units
DECO2500	Human-Computer Interaction	2 units		Relevant course for Major or No major option	2 units
Semester 2					
COMP3506	Algorithms & Data Structures	2 units		Relevant course for Major or No major option	2 units
DECO3801	Design Computing Studio 3 - Build	2 units		Relevant course for Major or No major option	2 units

Year 3

Bachelor of Computer Science					
Semester 1					
	Relevant course for Major or No major option	2 units		Relevant course for Major or No major option	2 units
	Relevant course for Major or No major option	2 units		Relevant course for Major or No major option	2 units
Semester 2					
CYBR7001	Fundamentals of Cyber Security	2 units	**CYBR7003**	Cyber Security Governance, Policy, Ethics & Law	2 units
CYBR7002	Information Security Essentials	2 units	**CRIM7080**	Cyber Criminology and Global Security	2 units

Year 4

Master of Cyber Security					
Semester 1					
CYBR7901	Cyber Security Capstone Project 1	2 units		Relevant course for Field of Study	2 units
	Relevant course for Field of Study	2 units		MCyberSec Program Electives	2 units
Semester 2					
CYBR7902	Cyber Security Capstone Project 2	4 units		Relevant course for Field of Study	2 units
	Relevant course for Field of Study	2 units			

Semester 2 Commencement | Full-Time Study | MCyberSec Cyber Defence Field of Study

Year 1 — Bachelor of Computer Science

Semester 2

Code	Course	Units	Code	Course	Units
CSSE1001	Introduction to Software Engineering	2 units	MATH1061	Discrete Mathematics	2 units
INFS1200	Introduction to Information Systems	2 units	STAT1201 or STAT1301	Analysis of Scientific Data or Advanced Analysis of Scientific Data	2 units

Semester 1

Code	Course	Units	Code	Course	Units
COMP1100	Introduction to Software Innovation	2 units	CSSE2002	Programming in the Large	2 units
CSSE2010	Introduction to Computer Systems	2 units	DECO2500	Human-Computer Interaction	2 units

Year 2 — Bachelor of Computer Science

Semester 2

Code	Course	Units	Code	Course	Units
COMP3506	Algorithms & Data Structures	2 units	CSSE2310	Computer Systems Principles and Programming	2 units
COMP2200	Ethical Practice in Computing	2 units	INFS2200	Relational Database Systems (As part of a major, if studying a BCompSc major.)	2 units

Semester 1

Code	Course	Units	Code	Course	Units
	Relevant course for Major or No major option	2 units		Relevant course for Major or No major option	2 units
	Relevant course for Major or No major option	2 units		Relevant course for Major or No major option	2 units

Year 3 — Bachelor of Computer Science

Semester 2

Code	Course	Units	Code	Course	Units
DECO3801	Design Computing Studio 3 - Build	2 units		Relevant course for Major or No major option	2 units
	Relevant course for Major or No major option	2 units		Relevant course for Major or No major option	2 units

Semester 1

Code	Course	Units	Code	Course	Units
CYBR7001	Fundamentals of Cyber Security	2 units	CYBR7003	Cyber Security Governance, Policy, Ethics & Law	2 units
CYBR7002	Information Security Essentials	2 units	CRIM7080	Cyber Criminology and Global Security	2 units

Year 4 — Master of Cyber Security

Semester 2

Code	Course	Units	Code	Course	Units
CYBR7901	Cyber Security Capstone Project 1	2 units		Relevant course for Field of Study	2 units
	Relevant course for Field of Study	2 units		MCyberSec Program Electives	2 units

Semester 1

Code	Course	Units	Code	Course	Units
CYBR7902	Cyber Security Capstone Project 2	4 units		Relevant course for Field of Study	2 units
	Relevant course for Field of Study	2 units			

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Semester 1 Commencement | Full-Time Study | MCyberSec Cryptography Field of Study

Bachelor of Computer Science					
Semester 1					
CSSE1001	Introduction to Software Engineering	2 units	**MATH1061 or MATH1081**	Discrete Mathematics / Advanced Discrete Mathematics	2 units
INFS1200	Introduction to Information Systems	2 units	**STAT1201**	Analysis of Scientific Data	2 units
Semester 2					
COMP1100	Introduction to Software Innovation	2 units	**COMP2200**	Ethical Practice in Computing	2 units
CSSE2010	Introduction to Computer Systems	2 units	**MATH1051**	Calculus & Linear Algebra I	2 units

Year 1

Bachelor of Computer Science					
Semester 1					
CSSE2002	Programming in the Large	2 units	**CSSE2310**	Computer Systems Principles and Programming	2 units
DECO2500	Human-Computer Interaction	2 units	**MATH2301**	Linear & Abstract Algebra & Number Theory	2 units
Semester 2					
COMP3506	Algorithms & Data Structures	2 units	**MATH2302**	Discrete Mathematics II	2 units
	Computer Science Introductory Elective	2 units		Computer Science Introductory / Advanced Elective	2 units

Year 2

Bachelor of Computer Science					
Semester 1					
STAT2003	Mathematical Probability	2 units		Computer Science Advanced Elective	2 units
DECO3801	Design Computing Studio 3 - Build	2 units		Computer Science Advanced Elective	2 units
Semester 2					
CYBR7001	Fundamentals of Cyber Security	2 units	**CYBR7003**	Cyber Security Governance, Policy, Ethics & Law	2 units
CYBR7002	Information Security Essentials	2 units	**CRIM7080**	Cyber Criminology and Global Security	2 units

Year 3

Master of Cyber Security					
Semester 1					
CYBR7901	Cyber Security Capstone Project 1	2 units		Relevant course for Field of Study	2 units
	Relevant course for Field of Study	2 units		MCyberSec Program Electives	2 units
Semester 2					
CYBR7902	Cyber Security Capstone Project 2	4 units		Relevant course for Field of Study	2 units
	Relevant course for Field of Study	2 units			

Year 4

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Semester 2 Commencement | Full-Time Study | MCyberSec Cryptography Field of Study

Year 1

Bachelor of Computer Science					
Semester 2					
CSSE1001	Introduction to Software Engineering	2 units	MATH1061	Discrete Mathematics	2 units
INFS1200	Introduction to Information Systems	2 units	STAT1201 or STAT1301	Analysis of Scientific Data or Advanced Analysis of Scientific Data	2 units
Semester 1					
COMP1100	Introduction to Software Innovation	2 units	CSSE2002	Programming in the Large	2 units
CSSE2010	Introduction to Computer Systems	2 units	MATH1051 or MATH1071	Calculus & Linear Algebra I / Advanced Calculus & Linear Algebra I	2 units

Year 2

Bachelor of Computer Science					
Semester 2					
COMP3506	Algorithms & Data Structures	2 units	CSSE2310	Computer Systems Principles and Programming	2 units
COMP2200	Ethical Practice in Computing	2 units		Computer Science Introductory Elective	2 units
Semester 1					
DECO2500	Human-Computer Interaction	2 units	MATH2301	Linear & Abstract Algebra & Number Theory	2 units
STAT2003	Mathematical Probability	2 units		Computer Science Introductory / Advanced Elective	2 units

Year 3

Bachelor of Computer Science					
Semester 2					
DECO3801	Design Computing Studio 3 - Build	2 units	MATH2302	Discrete Mathematics II	2 units
	Computer Science Advanced Elective	2 units		Computer Science Advanced Elective	2 units
Semester 1					
CYBR7001	Fundamentals of Cyber Security	2 units	CYBR7003	Cyber Security Governance, Policy, Ethics & Law	2 units
CYBR7002	Information Security Essentials	2 units	CRIM7080	Cyber Criminology and Global Security	2 units

Master of Cyber Security					
Semester 2					
CYBR7901	Cyber Security Capstone Project 1	2 units		Relevant course for Field of Study	2 units
	Relevant course for Field of Study	2 units		MCyberSec Program Electives	2 units
Semester 1					
CYBR7902	Cyber Security Capstone Project 2	4 units		Relevant course for Field of Study	2 units
	Relevant course for Field of Study	2 units			