

Bachelor of Computer Science

Major in Cyber Security + Major in Scientific Computing

Commencing Semester 1

1 The study plan below shows the required:

Core Courses

Primary Major Compulsory Courses

Secondary Major Courses

Year	Semester	Core Courses	Primary Major Compulsory Courses	Secondary Major Courses
Year 1	Sem 1 Feb	CSSE1001 Introduction to Software Engineering	INFS1200 Introduction to Information Systems	STAT1201* Analysis of Scientific Data
	Sem 2 July	COMP1100 Introduction to Software Innovatio	MATH1061* Discrete Mathematics	CSSE2002 Programming in the Large
Year 2	Sem 1 Feb	COMP2048 Theory of Computing	CSSE2310 Computer Systems Principles & Programming	MATH1052* Multivariate Calculus & Ordinary Differential Equations
	Sem 2 July	COMP3506 Algorithms & Data Structures	COMP3301 Operating Systems Architecture	CYBR3000 Information Security
Year 3	Sem 1 Feb	COMP3320 Vulnerability Assessment & Penetration Testing	COMS3200 Computer Networks I	COSC3000 Visualisation, Computer Graphics & Data Analysis
	Sem 2 July	DECO3801 Design Computing Studio 3: Build	COSC3500 High-Performance Computing	COSC2500 Numerical Methods in Computational Science

2 Complete exactly **4 units** of **Primary Major Elective Courses** from the options below, accounting for prerequisites:

Sem 1 **CRIM1000**
DECO2500

Sem 2 **CRIM1000**
DECO2500
INFS2200

3 Complete exactly **2 units** to replace DECO3801 in the **Secondary Major**, at the same level or higher, from the **BCompSc Program Elective Courses**: <https://my.uq.edu.au/programs-courses/requirements/program/2451>

*STAT1301 Advanced Analysis of Scientific Data may be taken in place of STAT1201 (only in Semester 2).

*MATH1071 Advanced Calculus & Linear Algebra I may be taken in place of MATH1051 (only in Semester 2).

*MATH1072 Advanced Multivariate Calculus & Ordinary Differential Equations may be taken in place of MATH1052 (only in Semester 2).

*MATH1081 Advanced Discrete Mathematics may be taken in place of MATH1061 (only in Semester 1).

Students must follow the program and course requirements.

Seek advice from the School of EECS if you are undertaking a dual degree, have any questions, or fail any courses.

Email studentenquiries@eecs.uq.edu.au

Study plan published 2025. Future course offerings are subject to change.