Bachelor of Computer Science

Major in Cyber Security + Major in Data Science

Commencing Semester 1

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA
CREATE CHANGE

1 The study plan below shows the required: **Core Courses** | **Primary Major Courses** | **Secondary Major Courses**

Year 1	Sem 1 Feb	**CSSE1001** Introduction to Software Engineering 1+2	**INFS1200** Introduction to Information Systems 1+2	**MATH1051*** Calculus and Linear Algebra I 1+2	**STAT1201*** Analysis of Scientific Data 1+2
	Sem 2 July	**COMP1100** Introduction to Software Innovation 1+2	**MATH1061*** Discrete Mathematics 1+2	**CSSE2002** Programming in the Large 1+2	**CSSE2010** Introduction to Computer Systems 1+2
Year 2	Sem 1 Feb	**COMP2048** Theory of Computing	**CSSE2310** Computer Systems Principles & Programming 1+2	**CRIM1000** Introduction to Criminology 1+2	**STAT2003** Mathematical Probability
	Sem 2 July	**COMP3506** Algorithms & Data Structures	**CYBR3000** Information Security	**COMP2011** Fundamentals of Data Science	**INFS2200** Relational Database Systems
Year 3	Sem 1 Feb	**COMP3320** Vulnerability Assessment & Penetration Testing	**COMS3200** Computer Networks I	**DECO2500** Human Computer Interaction 1+2	**INFS3200** Advanced Database Systems
	Sem 2 July	**DECO3801** Design Computing Studio 3: Build 1+2	**COMP3301** Operating Systems Architecture	**STAT2004** Statistical Modelling & Analysis	Level 3 or 4 **Program Elective**

Course offered in both Semester 1 and 2. 1+2

2 Replace DECO3801 in the **Data Science Major** with **2 units at level 3 or 4** from the **BCompSc Program Elective Courses**:

https://my.uq.edu.au/programs-courses/requirements/program/2451

*STAT1301 Advanced Analysis of Scientfic 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).

*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.

Bachelor of Computer Science

Major in Cyber Security + Major in Data Science

Commencing Semester 2

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA
CREATE CHANGE

1 The study plan below shows the required: **Core Courses** | **Primary Major Courses** | **Secondary Major Courses**

	Sem 2 July	**CSSE1001** Introduction to Software Engineering 1+2	**INFS1200** Introduction to Information Systems 1+2	**MATH1051*** Calculus and Linear Algebra I 1+2	**STAT1201*** Analysis of Scientific Data 1+2
Year 1	Sem 1 Feb	**COMP1100** Introduction to Software Innovation 1+2	**MATH1061*** Discrete Mathematics 1+2	**CSSE2002** Programming in the Large 1+2	**CSSE2010** Introduction to Computer Systems 1+2
	Sem 2 July	**CSSE2310** Computer Systems Principles & Programming 1+2	**COMP2011** Fundamentals of Data Science	**INFS2200** Relational Database Systems	**DECO2500** Human-Computer Interaction 1+2
Year 2	Sem 1 Feb	**COMP2048** Theory of Computing	**STAT2003** Mathematical Probability	**INFS3200** Advanced Database Systems	**CRIM1000** Introduction to Criminology 1+2
	Sem 2 July	**COMP3506** Algorithms & Data Structures	**COMP3301** Operating Systems Architecture	**CYBR3000** Information Security	**STAT2004** Statistical Modelling and Analysis
Year 3	Sem 1 Feb	**DECO3801** Design Computing Studio 3: Build 1+2	**COMP3320** Vulnerability Assessment & Penetration Testing	**COMS3200** Computer Networks I	Level 3 or 4 **Program Elective**

Course offered in both Semester 1 and 2. 1+2

2 Replace DECO3801 in the **Data Science Major** with **2 units** at **level 3 or 4** from the **BCompSc Program Elective Courses**:

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