THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

CREATE CHANGE

Bachelor of

Computer Science

First Year Recommended Enrolment Guide 2026

Welcome

Welcome to the School of Electrical Engineering and Computer Science

Head of School

Professor Michael Bruenig

Director of Student Experience

Ms Lorna Macdonald

A message from Professor Bruenig -

"I'm delighted to congratulate you on joining our community and choosing to study Information Technology / Computer Science at UQ. You've made a decision that will shape your future in powerful and exciting ways.

You're stepping into the world of the people who imagine solutions to real problems, design the systems our society relies on, and build the technologies that will define the decades ahead. Whether you want to secure digital environments, explore AI, or contribute to solving global challenges, studying computing gives you the power to shape what comes next.

Most importantly, you won't be doing this alone. Our School is committed to supporting you every step of the way - through your studies, your challenges, your discoveries, and your growth. You'll learn from world-class educators, collaborate with peers who share your curiosity, and graduate ready for anything in a world that needs your skills more than ever.

We're excited to see what you will imagine, build, and become."

This is a condensed version of the Computer Science Study Plans. For the full program information go to: https://www.eait.uq.edu.au/study-plans/undergraduate/computer-science

How to enrol

We're so happy you're joining us at UQ!

To enrol in your courses, you'll use a system called **mySI-net**, which is the control centre for student administration at UQ. Among other things, mySI-net lets you:

- enrol in courses
- drop courses
- update personal information

Once you've enrolled, you'll use a system called **My Timetable.** Through My Timetable you can register your preferred class times and swap classes if you need to.

During your time at UQ, you'll always use mySI-net and My Timetable at the beginning of each semester. You can access both from the my.UQ Dashboard, your personalised portal to UQ systems and notifications. Also ensure you check your student email frequently.

IMPORTANT DATES

For the academic calendar, teaching periods, summer semester dates etc. (relevant to both commencing and continuing students), head to:

about.uq.edu.au/academic-calendar

Log in to **Starting at UQ** for a step-by-step guide on how to set up your mySI-net profile, enrol in your courses and register your class preferences.

General FAQS? Go to: eecs.uq.edu.au/current-students/eecs-school-guidelines-students

Keep 'Starting at UQ' open in a separate window as you work through the 'Enrol' section.

Semester 1 CRITICAL DATES

23 February	Classes commence – YES, WE START IN WEEK 1 on Monday 23 February 2026
6 March	Last day to add courses
31 March	Last day to drop courses without financial liability
30 April	Last day to drop courses without academic penalty

UQ Electrical Engineering and Computer Science Student Societies

Get involved with fellow students who share your passion by joining one of the EECS Student Societies below:

- **Ladies in Technology (UQLIT)**
- **UQ Computing Society (UQCS)**
- **UQ Cyber Squad**
- **UQ Mechatronics and Robotics Society (UQ MARS)**
- **UQ Neurotech**
- **UQ Reality Labs (UQRL)**

Visit **eait.uq.edu.au/eecs-student-societies** for more details

Follow us on social media

Be part of the UQ Electrical Engineering and Computer Science community, and keep up to date with the latest news and events.

Instagram: @uqengtech

LinkedIn: UQ School of Electrical Engineering and Computer Science

Your first semester in computer science

Your first semester in computer science will provide you with the foundational knowledge, technical skills and creative imagination to play a vital role in shaping the digital future.

Visit https://www.eait.uq.edu.au/study-plans/undergraduate/computer-science for detailed study plans.

If you have further questions about your study plan, you can request a meeting with an Academic Advisor via studentenquiries@eecs.uq.edu.au.

CSSE1001 Introduction to Software Engineering

Introduction to Software Engineering through programming with particular focus on the fundamentals of computing and programming, using an exploratory problem-based approach. Building abstractions with procedures, data and objects; data modelling; designing, coding and debugging programs of increasing complexity

This course introduces fundamental concepts in software engineering, using the Python programming language. Emphasis is placed on problem-solving using computational techniques, creating algorithms and designing classes.

The scope of this course has been narrowed (GUI module has been removed) to spend more time on fundamental topics for new programmers.

Class contact:
- 2 hour lecture per week
- 1 hour applied class per week
- 2 hour practical per week

Coordinator:
Dr Paul Vrbik
CSSE1001@eecs.uq.edu.au

Required materials
Practical work for this course will take place in PC labs or classrooms. If your practical session is in a classroom, you will need to bring a laptop computer with you to work in these sessions.

The required software, libraries and documentation are on the machines in the PC labs and instructions for downloading for home use can be accessed via Blackboard.

Refer to the current CSSE1001 Introduction to Software Engineering electronic course profile for the most up to date list of required materials.

INFS1200 Introduction to Information Systems

This course provides the foundation concepts on designing and implementing information systems, necessary for advanced data management and data analysis courses taught in various Information Technology, Engineering, Business and Science programs.

The course includes modules on data modelling, principles of correct database design, the SQL language for querying relational databases, and developing a small scale database application using MySQL.

Class contact:
- 2 hour lecture per week
- 2 hour applied class per week

Coordinator:
Associate Professor Archie Chapman
INFS1200@eecs.uq.edu.au

Required materials
Refer to the current INFS1200 Introduction to Information Systems electronic course profile for the most up to date list of required materials.

Your first semester in computer science

Your first semester in computer science will provide you with the foundational knowledge, technical skills and creative imagination to play a vital role in shaping the digital future.

Visit https://www.eait.uq.edu.au/study-plans/undergraduate/computer-science for detailed study plans.

If you have further questions about your study plan, you can request a meeting with an Academic Advisor via studentenquiries@eecs.uq.edu.au.

STAT1201 Analysis of Scientific Data

The aim of STAT1201 is to provide an understanding of the nature of scientific data and the subsequent need for statistical analysis.

Students will develop your statistical expertise and critical judgement in scientific studies, including an awareness of ethical issues in research and analysis.

You will learn about the different types of data and how each can be visualised and summarised, and how you can make conclusions and predictions from the statistical analysis.

The course will also provide you with the foundational knowledge to see that these statistical tools are based on simple mathematical ideas and associated assumptions.

Class contact:
- 2 hour lecture per week
- 1.5 hour applied class per week

Coordinators:
Dr Sharon Lee
s.lee11@uq.edu.au

Required materials
Refer to the current STAT1201 Analysis of Scientific Data electronic course profile for the most up to date list of required materials.

General Elective

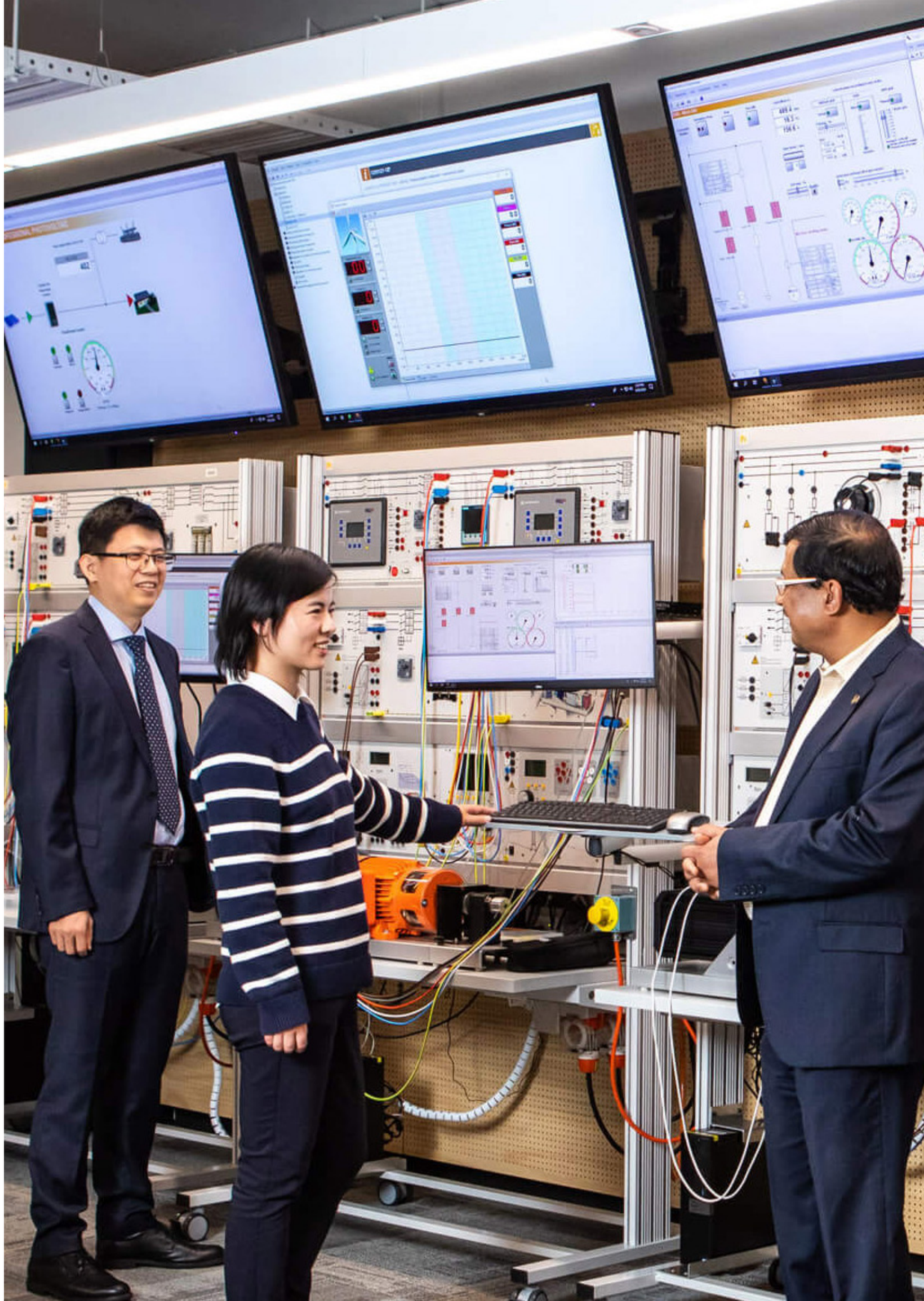
Electives, when added to your compulsory courses, make up the total number of units needed to complete your degree. Electives allow you to study topics that interest you. Depending on your program, you may be able to select electives from other faculties. Your program rules specify how many electives you can study and where these can be selected from.

For a list of courses you can study and your program rules, search the Programs and Courses website for your program. Your course list and program rules are available on the program page.

More information about electives
You can find more information on electives through the UQ Support Information and Services page

Academic Advice
If you would like more personal assistance with electives, Academic advice appointments are available upon request for all computer science students.

Please refer to the School of Electrical Engineering and Computer Science Program Information & Study Plans Academic Advice tab for detailed instructions.



What courses do you need to do in first year?

Course Type	Course	No Major	Artificial Intelligence	Cyber Security	Data Science	Programming Theory
Core	CSSE1001 Introduction to Software Engineering	Yes	Yes	Yes	Yes	Yes
	INFS1200 Introduction to Information Systems	Yes	Yes	Yes	Yes	Yes
	STAT1201[1] or STAT1301[1] "Analysis of Scientific Data"	Yes[1]	Yes[1]	Yes[1]	Yes[1]	Yes[1]
Elective	General Elective[2]	Yes	Yes[2]	Yes	Yes[2]	Yes
Prerequisite	Grade of C in High School Specialist Mathematics[2] or MATH1050[2]		Yes[2]		Yes[2]	
Core	COMP1100 Introduction to Software Innovation	Yes	Yes	Yes	Yes	Yes
	MATH1061[3] or MATH1081[3] "Discrete Mathematics"	Yes[3]	Yes[3]	Yes[3]	Yes[3]	Yes[3]
	CSSE2002 Programming in the Large	Yes	Yes	Yes	Yes	Yes
	COMP2200 Ethical Practice in Computing	Yes				Yes
	CSSE2010 Introduction to Computer Systems			Yes		
Major	MATH1051[4] or MATH1071[4] "Calculus and Linear Algebra I"		Yes[4]		Yes[4]	

[1] Students who wish to explore STAT1201, Analysis of Scientific Data, in greater depth and breadth can substitute the class with STAT1301, Advanced Analysis of Scientific Data, (Sem 2 Only). See the next page for some limitations

[2] Students without the prerequisite of at least a grade of C in High School Specialist Mathematics should take MATH1050, Mathematical Foundations II as an elective before MATH1051, Calculus and Linear Algebra I

[3] Students who wish to explore MATH1061, Discrete Mathematics, in greater depth and breadth can substitute the class with MATH1081, Advanced Discrete Mathematics, (Sem 1 Only). See the next page for some limitations

[4] Students who are extremely interested in pure mathematics and rigorous proofs can substitute MATH1051, Calculus and Linear Algebra I with MATH1071, Advanced Calculus & Linear Algebra I, (Sem 1 Only). See the next page for some limitations

Should you enrol in an advanced course?

Students who wish to expand their knowledge on certain subjacts can choose to enrol in advanced courses as a substitute for the regular course. Figure 1 below provides a guide to identifying which course to enrol in based on the mathematics you completed at high school in Queensland (or inter-state/international equivalent) and your level of interest.

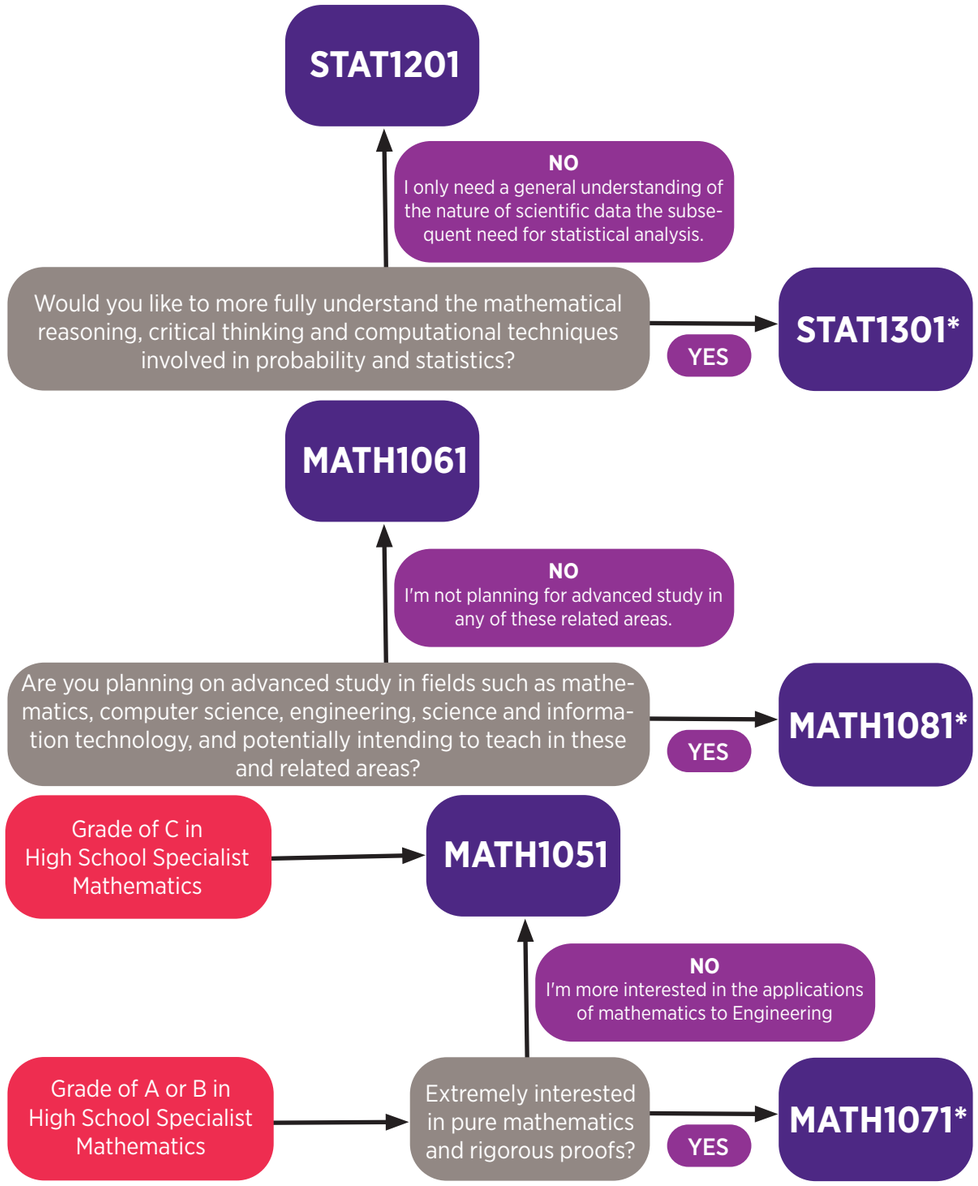


Figure 1 Guide to selecting an advanced course in the first year of the BCompSc based on interest.

* Students who are finding an advanced course difficult can change their enrolment to the regular course during the first two weeks of semester.

Bachelor of Computer Science
No Major
Recommended Enrolment Guide

Valid for **Semester 1, 2026**

The table below shows the required:

Core Courses	Introductory Electives	Program Electives
General Electives	Breadth Electives	Advanced Electives

BCompSc No Major with no Advanced Courses Selected

Y1	Sem 1 Feb	CSSE1001	INFS1200	STAT1201	GENERAL ELECTIVE
	Sem 2 July	COMP1100	MATH1061	CSSE2002	COMP2200

BCompSc No Major with STAT1301, Advanced Analysis of Scientific Data, selected

Y1	Sem 1 Feb	CSSE1001	INFS1200	MATH1061	GENERAL ELECTIVE
	Sem 2 July	COMP1100	STAT1301	CSSE2002	COMP2200

BCompSc No Major with MATH1081, Advanced Discrete Mathematics, selected

Y1	Sem 1 Feb	CSSE1001	INFS1200	MATH1081	STAT1201
	Sem 2 July	COMP1100	CSSE2002	COMP2200	GENERAL ELECTIVE

BCompSc No Major with STAT1301 and MATH1081 selected

Y1	Sem 1 Feb	CSSE1001	INFS1200	MATH1081	GENERAL ELECTIVE
	Sem 2 July	COMP1100	STAT1301	CSSE2002	COMP2200

- **Would you like to more fully understand the mathematical reasoning, critical thinking and computational techniques involved in probability and statistics?** Taking STAT1301, Advanced Analysis of Scientific Data, (Sem 2 Only) instead of STAT1201, Analysis of Scientific Data will allow you to explore the topic in greater depth and breadth.
- **Planning on advanced research in your field of study or teaching in related areas?** Substituting MATH1061, Dis-crete Mathematics with with MATH1081, Advanced Discrete Mathematics, (Sem 1 Only) will allow you to explore the topic in greater depth and breadth.

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.

Recommended Enrolment Guide last modified: December, 2025

Bachelor of Computer Science
Artificial Intelligence Major
Recommended Enrolment Guide

Valid for **Semester 1, 2026**

The University Of Queensland AUSTRALIA
CREATE CHANGE

The table below shows the required:

Core Courses	Program Electives	General Electives
Breadth Electives	Major	

Completed High School Specialist Mathematics with a grade of C or above

Y1	Sem 1 Feb	CSSE1001	INFS1200	STAT1201	GENERAL ELECTIVE
	Sem 2 July	COMP1100	MATH1061	CSSE2002	MATH1051

Not Completed High School Specialist Mathematics with a grade of C or above

Y1	Sem 1 Feb	CSSE1001	INFS1200	STAT1201	MATH1050
	Sem 2 July	COMP1100	MATH1061	CSSE2002	MATH1051

BCompSc Artificial Intelligence Major with all Advanced Courses (STAT1301, MATH1081 and MATH1071) selected

Y1	Sem 1 Feb	CSSE1001	INFS1200	MATH1081	MATH1071
	Sem 2 July	COMP1100	STAT1301	CSSE2002	GENERAL ELECTIVE

- **Would you like to more fully understand the mathematical reasoning, critical thinking and computational techniques involved in probability and statistics?** Taking STAT1301, Advanced Analysis of Scientific Data, (Sem 2 Only) instead of STAT1201, Analysis of Scientific Data will allow you to explore the topic in greater depth and breadth.
- **Planning on advanced research in your field of study or teaching in related areas?** Substituting MATH1061, Discrete Mathematics with with MATH1081, Advanced Discrete Mathematics, (Sem 1 Only) will allow you to explore the topic in greater depth and breadth.
- **Extremely confident in your math abilities and interested in pure mathematics and rigorous proofs?** Students who achieved a grade of A or B in High School Specialist Mathematics can substitute MATH1051, Calculus and Linear Algebra I with MATH1071, Advanced Calculus & Linear Algebra I, (Sem 1 Only).

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.

Recommended Enrolment Guide last modified: December, 2025

Bachelor of Computer Science
Cyber Security Major
Recommended Enrolment Guide

Valid for **Semester 1, 2026**

The University Of Queensland AUSTRALIA
CREATE CHANGE

The table below shows the required:

Core Courses	Program Electives	General Electives
Breadth Electives	Major	

BCompSc Cyber Security Major with no Advanced Courses Selected

Y1	Sem 1 Feb	CSSE1001	INFS1200	STAT1201	GENERAL ELECTIVE
	Sem 2 July	COMP1100	MATH1061	CSSE2002	CSSE2010

BCompSc Cyber Security Major with STAT1301, Advanced Analysis of Scientific Data, selected

Y1	Sem 1 Feb	CSSE1001	INFS1200	MATH1061	GENERAL ELECTIVE
	Sem 2 July	COMP1100	STAT1301	CSSE2002	CSSE2010

BCompSc Cyber Security Major with MATH1081, Advanced Discrete Mathematics, selected

Y1	Sem 1 Feb	CSSE1001	INFS1200	MATH1081	STAT1201
	Sem 2 July	COMP1100	CSSE2002	CSSE2010	GENERAL ELECTIVE

BCompSc Cyber Security Major with STAT1301 and MATH1081 selected

Y1	Sem 1 Feb	CSSE1001	INFS1200	MATH1081	GENERAL ELECTIVE
	Sem 2 July	COMP1100	STAT1301	CSSE2002	CSSE2010

- **Would you like to more fully understand the mathematical reasoning, critical thinking and computational techniques involved in probability and statistics?** Taking STAT1301, Advanced Analysis of Scientific Data, (Sem 2 Only) instead of STAT1201, Analysis of Scientific Data will allow you to explore the topic in greater depth and breadth.
- **Planning on advanced research in your field of study or teaching in related areas?** Substituting MATH1061, Discrete Mathematics with with MATH1081, Advanced Discrete Mathematics, (Sem 1 Only) will allow you to explore the topic in greater depth and breadth.

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.

Recommended Enrolment Guide last modified: December, 2025

Bachelor of Computer Science
Data Science Major
Recommended Enrolment Guide

Valid for **Semester 1, 2026**

The table below shows the required:

Core Courses	Program Electives	General Electives
Breadth Electives	Major	

Completed High School Specialist Mathematics with a grade of C or above

Y1	Sem 1 Feb	CSSE1001	INFS1200	STAT1201	GENERAL ELECTIVE
	Sem 2 July	COMP1100	MATH1061	CSSE2002	MATH1051

Not Completed High School Specialist Mathematics with a grade of C or above

Y1	Sem 1 Feb	CSSE1001	INFS1200	STAT1201	MATH1050
	Sem 2 July	COMP1100	MATH1061	CSSE2002	MATH1051

BCompSc Data Science Major with all Advanced Courses (STAT1301, MATH1081 and MATH1071) selected

Y1	Sem 1 Feb	CSSE1001	INFS1200	MATH1081	MATH1071
	Sem 2 July	COMP1100	STAT1301	CSSE2002	GENERAL ELECTIVE

- **Would you like to more fully understand the mathematical reasoning, critical thinking and computational techniques involved in probability and statistics?** Taking STAT1301, Advanced Analysis of Scientific Data, (Sem 2 Only) instead of STAT1201, Analysis of Scientific Data will allow you to explore the topic in greater depth and breadth.
- **Planning on advanced research in your field of study or teaching in related areas?** Substituting MATH1061, Discrete Mathematics with with MATH1081, Advanced Discrete Mathematics, (Sem 1 Only) will allow you to explore the topic in greater depth and breadth.
- **Extremely confident in your math abilities and interested in pure mathematics and rigorous proofs?** Students who achieved a grade of A or B in High School Specialist Mathematics can substitute MATH1051, Calculus and Linear Algebra I with MATH1071, Advanced Calculus & Linear Algebra I, (Sem 1 Only).

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.

Recommended Enrolment Guide last modified: December, 2025

Bachelor of Computer Science
Programming Theory Major
Recommended Enrolment Guide

Valid for **Semester 1, 2026**

The table below shows the required:

Core Courses	Program Electives	General Electives
Breadth Electives	Major	

BCompSc Programming Theory Major with no Advanced Courses Selected

Y1	Sem 1 Feb	CSSE1001	INFS1200	STAT1201	GENERAL ELECTIVE
	Sem 2 July	COMP1100	MATH1061	CSSE2002	COMP2200

BCompSc Programming Theory Major with STAT1301, Advanced Analysis of Scientific Data, selected

Y1	Sem 1 Feb	CSSE1001	INFS1200	MATH1061	GENERAL ELECTIVE
	Sem 2 July	COMP1100	STAT1301	CSSE2002	COMP2200

BCompSc Programming Theory Major with MATH1081, Advanced Discrete Mathematics, selected

Y1	Sem 1 Feb	CSSE1001	INFS1200	MATH1081	STAT1201
	Sem 2 July	COMP1100	CSSE2002	CSSE2010	GENERAL ELECTIVE

BCompSc Programming Theory Major with STAT1301 and MATH1081 selected

Y1	Sem 1 Feb	CSSE1001	INFS1200	MATH1081	GENERAL ELECTIVE
	Sem 2 July	COMP1100	STAT1301	CSSE2002	COMP2200

- **Would you like to more fully understand the mathematical reasoning, critical thinking and computational techniques involved in probability and statistics?** Taking STAT1301, Advanced Analysis of Scientific Data, (Sem 2 Only) instead of STAT1201, Analysis of Scientific Data will allow you to explore the topic in greater depth and breadth.
- **Planning on advanced research in your field of study or teaching in related areas?** Substituting MATH1061, Discrete Mathematics with with MATH1081, Advanced Discrete Mathematics, (Sem 1 Only) will allow you to explore the topic in greater depth and breadth.

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.

Recommended Enrolment Guide last modified: December, 2025

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

CREATE CHANGE

"I enjoyed doing IT projects in high school. I chose the Bachelor of Computer Science because I was fascinated by how we could use technology to help solve problems and I wanted to learn as much as I could about computers."

Zyreen Fernando
Graduate of Bachelor of Computer Science

Need help?

Student Central
Prentice Building (42)
p 1300 275 870 (Option 1)
w my.uq.edu.au/contact/student-central

Student Services
w my.uq.edu.au/information-and-services/student-support

Student Advocacy and Support
w uqu.com.au/student-advocay-and-support/

School of Electrical Engineering and Computer Science
Level 4, General Purpose South (78)
p +61 7 3365 8608
e studentenquiries@eecs.uq.edu.au
w eecs.uq.edu.au

Faculty of Engineering, Architecture and Information Technology
Hawken Engineering Building (50), Level 2
p +61 7 3365 4666
e enquiries@eait.uq.edu.au
w eait.uq.edu.au

CRICOS 00025B • TEQSA PRV12080