

Bachelor of Information Technology

Solution Architecture Major

Undergraduate Program - Consists of 48 units

Suggested Study Plans from **2026** Commencement Onwards



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

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Program and Course requirements

For the **Bachelor of Information Technology** full program and course requirements, [click here](#). Make sure to check your program's rules to ensure you are compliant with requirements.

Prerequisite Courses

Students are expected to be aware if a course has prerequisites and must have successfully completed any required prerequisites before enrolling. A prerequisite course provides the foundational knowledge needed to progress to the next course and may be high school subjects or university-level study/courses.

Prerequisites are listed on the course profile and the course page on the [Programs and Courses website](#).

Electives

Depending on your program, you may need to complete compulsory and elective courses.

Electives are courses you can choose, while compulsory courses are mandatory courses that you must study. You must successfully complete all the required units of elective and compulsory courses to meet the program requirements. Your program rules outline how many electives you can study and the types of electives you can choose from.

Search [Programs and Courses website](#) for your program to confirm program rules and elective options.

Academic Advice

Academic advisors provide specialist help in course selection and can look at your individual study history to make personalised recommendations on your study plan.

If you need assistance with your program, you can [seek Academic Advice](#).

Additional Information

Course profiles are underlined and hyperlinked to their relevant course page which can be accessed by clicking the underlined text.

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Suggested Study Plan from Semester 1, 2026 Commencement Onwards

The following is a colour reference guide, including notes around course offerings and units:

Core Courses (22 Units)	Program Electives (0-16 Units)	General Electives (0-16 Units)
Breadth Electives (0-16 Units)	Major (16 Units)	



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	Course offered in both Semester 1 & 2
	This course does not consist of 2 units
	Elective may be substituted for another Elective type as per Program requirements

YEAR 1

Sem 1 Feb	INFS1200 Introduction to Information Systems	DECO1400 Introduction to Web Design	MATH1061 ^{1,2} Discrete Mathematics	GENERAL ELECTIVE
Sem 2 July	CSSE1001 Introduction to Software Engineering	DECO1800 Design Computing Studio I - Interactive Technology	COMP2200 Ethical Practice in Computing	GENERAL ELECTIVE

YEAR 2

Sem 1 Feb	DECO2500 Human-Computer Interaction	DECO2840 Cyber Studio	COMP1100 Introduction to Software Innovation	COMP2701 Generative Artificial Intelligence
Sem 2 July	DECO2850 Design Computing Studio 2 - Interaction Design	COMP2140 Web/Mobile Programming	CSSE2002 Programming in the Large	MAJOR ELECTIVE

YEAR 3

Sem 1 Feb	DECO3800 Design Computing Studio 3 - Proposal	INFS3202 Web Information Systems	MAJOR ELECTIVE	GENERAL ELECTIVE
Sem 2 July	DECO3801 Design Computing Studio 3 - Build	INFS3208 Cloud Computing	GENERAL ELECTIVE	GENERAL ELECTIVE

NOTES

¹ For students who achieved a grade of C or lower in Mathematical Methods (or equivalent), it is recommended to complete **MATH1040, Mathematical Foundations 1** before or with **MATH1061**. **MATH1040** is not available to students who achieved a grade of B or higher in Queensland Mathematical Methods (or equivalent)

² 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)

Bachelor of Information Technology

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Undergraduate Program - Consists of 48 units

Suggested Study Plan from Semester 2, 2026 Commencement Onwards

The following is a colour reference guide, including notes around course offerings and units:

Core Courses (22 Units)	Program Electives (0-16 Units)	General Electives (0-16 Units)
Breadth Electives (0-16 Units)	Major (16 Units)	



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	Course offered in both Semester 1 & 2
	This course does not consist of 2 units
	Elective may be substituted for another Elective type as per Program requirements

YEAR 1

Sem 2 July	CSSE1001 Introduction to Software Engineering	INFS1200 Introduction to Information Systems	MATH1061 ^{1,2} Discrete Mathematics	GENERAL ELECTIVE
Sem 1 Feb	DECO1400 Introduction to Web Design	COMP1100 Introduction to Software Innovation	CSSE2002 Programming in the Large	GENERAL ELECTIVE

YEAR 2

Sem 2 July	DECO1800 Design Computing Studio I - Interactive Technology	COMP2140 Web/Mobile Programming	COMP2200 Ethical Practice in Computing	INFS3208 Cloud Computing
Sem 1 Feb	DECO2500 Human-Computer Interaction	DECO2840 Cyber Studio	COMP2701 Generative Artificial Intelligence	GENERAL ELECTIVE

YEAR 3

Sem 2 July	DECO2850 Design Computing Studio 2 - Interaction Design	DECO3800 Design Computing Studio 3 - Proposal	MAJOR ELECTIVE	GENERAL ELECTIVE
Sem 1 Feb	DECO3801 Design Computing Studio 3 - Build	INFS3202 Web Information Systems	MAJOR ELECTIVE	GENERAL ELECTIVE

NOTES

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