Bachelor of Computer Science (Domestic students)

Program code
1534

Available at
Gold Coast Campus, Online

Duration
3 years full-time
6 years part-time

Credit points
240

Indicative fee
$8,000.00* per year (more)
* 2024 indicative annual CSP fee

Entry requirements
67.00
ATAR/RANK 2024
(more)

Commencing in
Trimester 1 and Trimester 2

Prerequisites
NIL

Assumed knowledge
Any General or Applied English subject (Units 3 and 4, C)
Mathematical Methods (Units 3 and 4, C)

Degree requirements: Students who started Trimester 2 - 2024

For Domestic students and those International students not required to complete the English Language Enhancement course

For the award of *Bachelor of Computer Science (BCompSc)*, you must successfully complete 240 credit points, made up of:

- 100 credit points for the core module
- 60 credit points for the major module;
- 80 credit points for the flexible module.

Other program requirements

You must successfully complete:

- no more than 100 credit points of Level 1 courses (the first digit of a course code denotes the level);
- at least 60 credit points of Level 3 courses or higher.

This degree may be awarded **with Distinction** where a student achieves a minimum program GPA of 6.5 with no failed courses. The words "This award was achieved with Distinction" will be recorded on the testamur.

Australian Qualifications Framework (AQF) Level and Type

The Australian Qualifications Framework (AQF) is the national policy for regulated qualifications in Australian education and training. This qualification is accredited as an AQF Level 7 - Bachelor Degree.

English Language Enhancement

Domestic students enrolled in this program whose first language is not English may complete the following **English Language Enhancement Course** as an elective.

- 5903LHS Language and Communication for Sciences

Students whose first language is English are not permitted to undertake this course.

Program learning outcomes

Program learning outcomes

Program Learning Outcomes communicate to the community the value of the Griffith educational experience as benchmarked against national qualification standards.

Program Learning Outcomes for this award describe the knowledge, skills and the application of knowledge and skills you will

acquire through studying the Griffith program of your choice.

Course list: Students starting Trimester 2 - 2024

Course offering information in program structures is a guide only. Please check the actual offering information in the Course Catalogue.

Students must check the prerequisite and incompatible requirements before selecting any course within this program.

English Language Enhancement course

Students required to undertake the English Language Enhancement course must complete the following course in their first trimester of study in place of a flexible module course.

Trimester	Course code	Requirement	Course title	CP
Tri 1,2 or 3	5903LHS	English Enhancement	Language and Communication for Sciences	10

Core module

Year 1

You must complete the following:

Trimester	Course code	Requirement	Course title	CP
Tri 1	1004ICT		Professional ICT Practice	10
Tri 1,3	1007ICT		Computer Systems and Cyber Security	10
Tri 1,2	1811ICT		Programming Principles	10
Tri 2	1011ICT		Applied Computing	10
Tri 2	1808ICT		Discrete Structures	10
Tri 2	1013ICT		Mathematics for Computer Science	10
Tri 1,2 or 3			Flexible module courses (see Note 1 and Note 2)	20

Note 1: Students who are required to complete 5903LHS must complete this course in their flexible module.

Note 2: The flexible module comprises a second major and/or electives.

Year 2

You must complete the following:

Trimester	Course code	Requirement	Course title	CP
Tri 1	2801ICT		Computing Algorithms	10
Tri 2	2810ICT		Software Technologies	10
Tri 1,2,3			Major module courses	20
Tri 1,2,3			Flexible module courses (see Note 1)	40

Note 1: The flexible module comprises a second major and/or electives.

Year 3

You must complete the following:

Trimester	Course code	Requirement	Course title	CP
Tri 1	3820ICT_P1		Work Integrated Learning Part 1 (capstone course)	10
			AND	
Tri 2	3820ICT_P2		Work Integrated Learning Part 2 (capstone course)	10
			OR	
Tri 1,2	3821ICT		Work Integrated Learning - Single Project	20
			OR	
Tri 1,2	3822ICT		Work Integrated Learning - Placement	20
Tri 1,2 or 3			Major module courses	40
Tri 1,2 or 3			Flexible module courses (see Note 1)	20

Note 1: The flexible module comprises a second major and/or electives.

Flexible Module

You must complete the following courses:

Trimester	Course code	Requirement	Course title	CP
Tri 1,2,3			Electives	80
			OR	
Tri 1,2 or 3			Second major	60
			AND	
Tri 1,2 or 3			Electives	20

Majors (2 available)
Algorithms and Computing

You must complete the following:

Trimester	Course code	Requirement	Course title	CP
Tri 1	2800ICT		Object Oriented Programming	10
Tri 1	2802ICT		Intelligent Systems	10
Tri 2	3825ICT		Theory of Computing	10
Tri 1	3008ICT		Deep Learning (offered from 2026)	10
Tri 2	3005ICT		Distributed Programming (offered from 2026)	10
Tri 1	3805ICT		Advanced Algorithms	10

Data Science and Artificial Intelligence
Data Science & Artificial Intelligence

You must complete the following:

Trimester	Course code	Requirement	Course title	CP
Tri 2	2030ICT		Introduction to Big Data Analytics	10
Tri 1	2802ICT		Intelligent Systems	10
Tri 1	3806ICT		Robotics, Agents and Reasoning	10
Tri 1	3008ICT		Deep Learning (offered from 2026)	10
Tri 2	3006ICT		Robotics and Computer Vision (offered from 2026)	10
Tri 2	3804ICT		Data Mining	10

Electives (1 available)
Electives

You may select courses for your flexible module from the list below or any Undergraduate free-choice elective/s offered across

the University provided prerequisites are met.

ICT related electives are primarily available in the BCompSci (for single major students) and the BInfTech (shown in the following table). If you require guidance, please liaise with your Program Director.

Students who do not have the assumed mathematical knowledge of Maths B or equivalent must take 1017SCG Foundation Mathematics as an elective in the first year of their program.

Trimester	Course code	Requirement	Course title	CP
Tri 2	3702ICT		Games Development	10
Tri 2	2809ICT		Computer Networking Essentials	10
Tri 1	1118ICT		Introduction to Cyber Security	10
Tri 2	2808ICT		Secure Development Operations	10
Tri 2	3004ICT		Web Application Development (offered from 2026)	10
Tri 1	3701ICT		Mobile Application Development	10
Tri 1	3809ICT		Ethical Hacking	10
Tri 2	3811ICT		Advanced Network Architectures	10
Tri 2	3906ICT		Digital Forensics	10
Tri 2	3813ICT		Software Frameworks	10
Tri 2	3707ICT		Home Automation and Robotics	10

You must ensure that you complete a minimum of 60 credit points of Level 3 courses (or higher) and the maximum of level 1 courses (100 credit points) is not exceeded in your entire program.