



## Bachelor of Information Technology (Domestic students)

Program code	Entry requirements	Prerequisites
1538	63.00	Nil
<b>Available at</b> Gold Coast Campus, Nathan Campus, Online	ATAR/RANK 2024 ( <a href="#">more</a> )	<b>Assumed knowledge</b> English, English as an Additional Language, Literature or English & Literature Extension (Units 3&4, C) General Mathematics or Mathematical Methods (Units 3&4, C)
<b>Duration</b> 3 years full-time 6 years part-time	<b>Commencing in</b> Trimester 1, Trimester 2 and Trimester 3	
<b>Credit points</b> 240		
<b>Indicative fee</b> \$9,500.00* per year ( <a href="#">more</a> ) * 2024 indicative annual CSP fee		

### Degree requirements: Students who started Trimester 3 - 2024

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

For the award of *Bachelor of Information Technology (BIT)*, you must successfully complete 240 credit points:

- 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 3 - 2024

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

**Note:** 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 elective.

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	1701ICT		Creative Coding	10
Tri 1,2,3	1814ICT		Data Management	10
Tri 2,3	1803ICT		Application Systems	10
Tri 1,2	1811ICT		Programming Principles	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. Students who are not required to complete 5903LHS are not allowed to select 5903LHS.

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	2008ICT		Design Thinking in IT (offered from 2025)	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	10
			<b>AND</b>	
Tri 2	3820ICT_P2		Work Integrated Learning Part 2	10
			<b>OR</b>	
Tri 1,2	3821ICT		Work Integrated Learning - Single Project	20
			<b>OR</b>	
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			Electives	80
			<b>OR</b>	
Tri 1,2 or 3			Second major	60
			<b>AND</b>	
Tri 1,2 or 3			Electives	20

### Majors (5 available)

#### Data Analytics and IoT

You must complete the following:

Trimester	Course code	Requirement	Course title	CP
Tri 2	2030ICT		Introduction to Big Data Analytics	10
Tri 2	2809ICT		Computer Networking Essentials	10
Tri 1,2,3	3032ICT		Big Data Analytics and Social Media	10
Tri 1	3003ICT		Programming for Robotics (offered from 2026)	10
Tri 2	3031ICT		Applied Data Mining	10
Tri 2	3707ICT		Home Automation and Robotics	10

#### Information Systems and Business Analysis

You must complete the following:

Trimester	Course code	Requirement	Course title	CP
Tri 2	2511ICT		Business Analysis	10
Tri 1	2806ICT		IT Services Management	10
Tri 1	3812ICT		Agile Business Analysis	10
Tri 2	3810ICT		Information Systems Architecture	10
Tri 1	3301ICT		Enterprise Architecture Concepts	10
Tri 2	3043IBA		Digital Innovation	10

#### Information Technology

You must complete 40 credit points from the following:

Trimester	Course code	Requirement	Course title	CP
Tri 2	2030ICT		Introduction to Big Data Analytics	10
Tri 2	2809ICT		Computer Networking Essentials	10
Tri 1,2,3	3032ICT		Big Data Analytics and Social Media	10
Tri 1	3003ICT		Programming for Robotics (offered from 2026)	10
Tri 2	2006ICT		Object Oriented Software Development (offered from 2025)	10
Tri 1	2801ICT		Computing Algorithms	10
Tri 2	3702ICT		XR and Games Development	10
Tri 2	2808ICT		Secure Development Operations	10
Tri 1	3809ICT		Ethical Hacking	10
Tri 1	2806ICT		IT Services Management	10
Tri 2	2511ICT		Business Analysis	10
Tri 2	3810ICT		Information Systems Architecture	10
Tri 2	3043IBA		Digital Innovation	10

You must complete 20 credit points from the following advanced courses:

Trimester	Course code	Requirement	Course title	CP
Tri 1	3808ICT		Routing and Internetworking	10
Tri 2	3811ICT		Advanced Network Architectures	10
Tri 2	3004ICT		Web Application Development (offered from 2026)	10
Tri 2	3813ICT		Software Frameworks	10
Tri 1	3701ICT		Mobile Application Development	10
Tri 2	3031ICT		Applied Data Mining	10
Tri 2	3707ICT		Home Automation and Robotics	10
Tri 1	3812ICT		Agile Business Analysis	10
Tri 1	3301ICT		Enterprise Architecture Concepts	10
Tri 2	3906ICT		Digital Forensics	10

## Networks and Cyber Security

You must complete the following:

Trimester	Course code	Requirement	Course title	CP
Tri 2	2808ICT		Secure Development Operations	10
Tri 2	2809ICT		Computer Networking Essentials	10
Tri 1	3808ICT		Routing and Internetworking	10
Tri 1	3809ICT		Ethical Hacking	10
Tri 2	3811ICT		Advanced Network Architectures	10
Tri 2	3906ICT		Digital Forensics	10

## Software Development

You must complete the following:

Trimester	Course code	Requirement	Course title	CP
Tri 2	2006ICT		Object Oriented Software Development (offered from 2025)	10
Tri 1	2801ICT		Computing Algorithms	10
Tri 2	3702ICT		XR and Games Development	10
Tri 2	3004ICT		Web Application Development (offered from 2026)	10
Tri 2	3813ICT		Software Frameworks	10
Tri 1	3701ICT		Mobile Application Development	10

## Electives (1 available)

### Electives

In addition to the courses listed below, you may select courses from other majors in the Bachelor of Information Technology or any **Undergraduate free-choice elective/s** offered across the University provided prerequisites are met. If you require guidance please liaise with your Program Director.

Trimester	Course code	Requirement	Course title	CP
Tri 1,2 or 3	1017SCG	Free-choice Elective	Foundation Mathematics	10
Tri 1,2 or 3	2043IBA	Free-choice Elective	Innovation, Creativity and Entrepreneurship	10
Tri 1,3	1015SCG	Free-choice Elective	Quantitative Reasoning	10
Tri 2,3	3026CCJ	Free-choice Elective	Fraud and Cybercrime	10
Tri 2	3118ENG	Free-choice Elective	Digital and Spatial Technologies	10
Tri 2	1008ENG	Free-choice Elective	Programming and Computing for Engineers	10
Tri 2	2005ICT	Free-choice Elective	Fundamentals of Blockchain and Distributed Ledger Technology	10
Tri 1	1905ICT	Free-choice Elective	Fundamentals of Cyber Security	10
Tri 1,3	2009CCJ	Free-choice Elective	Quantitative Methods for Social Research (Offered Tri 2,3 from 2025)	10
Tri 2	2675QCA	Free-choice Elective	Mixed Reality Experiences	10
Tri 1,3	2639QCA	Free-choice Elective	Digital Modelling for Design	10
Tri 2	2030AFE	Free-choice Elective	Business Intelligence	10
Tri 1	3051IBA	Free-choice Elective	Decision Making for Innovation	10
Tri 1	3654QCA	Free-choice Elective	Mobile Play	10
Tri 2	3118ENG	Free-choice Elective	Digital and Spatial Technologies	10