



## Bachelor of Information Technology (Domestic students)

Program code	Entry requirements	Prerequisites
1538	65.00	Nil
<b>Available at</b> Gold Coast Campus, Nathan Campus, Online	ATAR/RANK 2022 ( <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> \$8,500.00* per year ( <a href="#">more</a> ) * 2022 indicative annual CSP fee		

### Degree requirements: Students who started Trimester 1 - 2022

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, made up of the core courses AND

- 60 credit points for one major **or**
  - if you elect not to complete a major, you will complete 60 credit points from the specified list;
- 50 credit points of free-choice electives.

#### 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 (ELE) course** as an elective.

- [5903LHS Language and Communication for Sciences](#)

Students whose first language is English are not permitted to undertake this ELE 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 1 - 2022

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.

#### Year 1

You must complete the following courses:

Trimester	Course code	Requirement	Course title	CP
Tri 1	1004ICT	Core to Program	Professional Practice in Information Technology	10
Tri 1	1621ICT	Core to Program	Web Technologies	10
Tri 1,3	1007ICT	Core to Program	Computer Systems and Networks	10
Tri 1		Free-choice Elective	Free-choice elective (see Note 1)	10
			<b>OR</b>	
Tri 1	5903LHS	English Enhancement	Language and Communication for Sciences	10
Tri 2,3	1803ICT	Core to Program	Information Systems Foundations	10
Tri 2,3	1802ICT	Core to Program	Foundations of Systems Development	10
Tri 2,3	1701ICT	Core to Program	Creative Coding	10
Tri 2	1805ICT	Core to Program	Human Computer Interaction	10

Note 1: Students who are required to complete 5903LHS must complete this course in place of a free-choice elective. Students who are not required to complete 5903LHS are not allowed to select 5903LHS.

#### Year 2

You must complete the following courses:

Trimester	Course code	Requirement	Course title	CP
Tri 1	2807ICT	Core to Program	Programming Principles	10
Tri 1	2814ICT	Core to Program	Data Management	10
Tri 1			Major course	10
			<b>OR</b>	
Tri 1			Information Technology course (for students electing to not complete a major)	10
Tri 1			Free-choice elective	10
Tri 2	2810ICT	Core to Program	Software Technologies	10
Tri 2			Major courses	20
			<b>OR</b>	
Tri 2			Information Technology courses (for students electing to not complete a major)	20
Tri 2			Free-choice elective	10

#### Year 3

You must complete the following courses:

Trimester	Course code	Requirement	Course title	CP
Tri 1	3410ICT	Core to Program	Social and Professional Issues (capstone preparation course)	10
Tri 1			Major course	10
			<b>OR</b>	
Tri 1			Information Technology course (for students electing to not complete a major)	10
Tri 1,2 or 3			Major course (see Note 1)	10
			<b>OR</b>	
Tri 1,2 or 3			Information Technology course (for students electing to not complete a major)	10
Tri 1	3820ICT_P1	Core to Program	Work Integrated Learning Part 1 (capstone course)	10
			<b>AND</b>	
Tri 2	3820ICT_P2	Core to Program	Work Integrated Learning Part 2 (capstone course)	10
			<b>OR</b>	
Tri 1,2	3821ICT	Core to Program	Work Integrated Learning - Single Project	20
			<b>OR</b>	
Tri 1,2	3822ICT	Core to Program	Work Integrated Learning - Placement	20
Tri 1,2 or 3			Free-choice electives	20
Tri 2			Major course	10
			<b>OR</b>	
Tri 2			Information Technology course (for students electing to not complete a major)	10

Note 1: A major course must be undertaken in either Tri 1,2 or 3.

## Majors (3 available) Information Systems

You must complete the following course:

Trimester	Course code	Requirement	Course title	CP
Tri 1	2905ICT	Core to Major	Fundamentals of Cyber Security	10

You must complete 50 credit points from the following courses with at least 30 credit points at third year level:

Trimester	Course code	Requirement	Course title	CP
Tri 2	2511ICT	Elective to Major	Business Analysis	10
Tri 1	2806ICT	Elective to Major	IT Services Management	10
Tri 2	2808ICT	Elective to Major	Secure Development Operations	10
Tri 1	3812ICT	Elective to Major	Agile Business Analysis	10
Tri 2	3810ICT	Elective to Major	Information Systems Architecture	10
Tri 1	3301ICT	Elective to Major	Enterprise Architecture Concepts	10

## Networks and Security

You must complete the following course:

Trimester	Course code	Requirement	Course title	CP
Tri 2	2809ICT	Core to Major	Computer Networking Essentials	10

You must complete 50 credit points from the following courses with at least 30 credit points at third year level:

Trimester	Course code	Requirement	Course title	CP
Tri 2	2808ICT	Elective to Major	Secure Development Operations	10
Tri 1	2905ICT	Elective to Major	Fundamentals of Cyber Security	10
Tri 1	3808ICT	Elective to Major	Routing and Internetworking	10
Tri 1	3809ICT	Elective to Major	Applied Network Security	10
Tri 2	3811ICT	Elective to Major	Advanced Network Architectures	10
Tri 2	3906ICT	Elective to Major	Digital Forensics	10
Tri 2	3706ICT	Elective to Major	Sensor Networks	10

## Software Development

You must complete the following course:

Trimester	Course code	Requirement	Course title	CP
Tri 2	2808ICT	Core to Major	Secure Development Operations	10

You must complete 50 credit points from the following courses with at least 30 credit points at third year level:

Trimester	Course code	Requirement	Course title	CP
Tri 1	2701ICT	Elective to Major	Interactive App Development	10
Tri 1	2702ICT	Elective to Major	Intelligent Media Systems	10
Tri 1	2905ICT	Elective to Major	Fundamentals of Cyber Security	10
Tri 2	3815ICT	Elective to Major	Software Engineering	10
Tri 2	2703ICT	Elective to Major	Web Application Development	10
Tri 1	3701ICT	Elective to Major	Mobile Application Development	10
Tri 2	3813ICT	Elective to Major	Software Frameworks	10
Tri 2	3702ICT	Elective to Major	Games Development	10

## No Major Option (1 available)

### Information Technology (for students not completing a major)

You must complete the following course:

Trimester	Course code	Requirement	Course title	CP
Tri 1	2905ICT	Core to Major	Fundamentals of Cyber Security	10

You must complete 50 credit points from the following courses, with at least 30 credit points of third year (or above) courses:

Trimester	Course code	Requirement	Course title	CP
Tri 1	2701ICT	Elective to Major	Interactive App Development	10
Tri 1	2702ICT	Elective to Major	Intelligent Media Systems	10
Tri 1	3701ICT	Elective to Major	Mobile Application Development	10
Tri 1	3808ICT	Elective to Major	Routing and Internetworking	10
Tri 1	3809ICT	Elective to Major	Applied Network Security	10
Tri 1	2806ICT	Elective to Major	IT Services Management	10
Tri 1	3812ICT	Elective to Major	Agile Business Analysis	10
Tri 1	3301ICT	Elective to Major	Enterprise Architecture Concepts	10
Tri 2	2703ICT	Elective to Major	Web Application Development	10
Tri 2	2808ICT	Elective to Major	Secure Development Operations	10
Tri 2	2809ICT	Elective to Major	Computer Networking Essentials	10
Tri 2	3811ICT	Elective to Major	Advanced Network Architectures	10
Tri 2	3813ICT	Elective to Major	Software Frameworks	10
Tri 2	3702ICT	Elective to Major	Games Development	10
Tri 2	3815ICT	Elective to Major	Software Engineering	10
Tri 2	2511ICT	Elective to Major	Business Analysis	10
Tri 2	3810ICT	Elective to Major	Information Systems Architecture	10
Tri 2	2030ICT	Elective to Major	Introduction to Big Data Analytics	10
Tri 1	3705ICT	Elective to Major	Virtual and Augmented Reality	10
Tri 2	3706ICT	Elective to Major	Sensor Networks	10
Tri 2	3707ICT	Elective to Major	Home Automation and Robotics	10
Tri 2	3723ICT	Elective to Major	Interaction Design	10
Tri 2	3906ICT	Elective to Major	Digital Forensics	10
Tri 1	4030ICT	Elective to Major	Big Data Analytics and Social Media	10

### Electives (1 available)

#### Free-choice 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	1011CCJ	Free-choice Elective	Criminology Skills (not offered from 2021)	10
Tri 1	1012SCG	Free-choice Elective	Mathematics 1B (not offered from 2018)	10
Tri 1	1013CCJ	Free-choice Elective	Introduction to Criminology and Criminal Justice	10
Tri 1	1031SCG	Free-choice Elective	Physics 1A	10
Tri 1	1201SCG	Free-choice Elective	Linear Algebra	10
Tri 2,3	1301ENG	Free-choice Elective	Electric Circuits	10
Tri 1,3	1534QCA	Free-choice Elective	Creative Visual Strategies (not offered from 2021)	10
Tri 1	1701ENG	Free-choice Elective	Creative Engineering	10
Tri 1	1611ICT	Free-choice Elective	Emerging Technologies (offered from 2019)	10

Trimester	Course code	Requirement	Course title	CP
Tri 1	1711ICT	Free-choice Elective	Introduction to Robotics (offered from 2019)	10
Tri 1,3	2007CCJ	Free-choice Elective	Sociology of Crime	10
Tri 1	2018CCJ	Free-choice Elective	White Collar Crime (not offered in 2021)	10
Tri 1	2305ENG	Free-choice Elective	Signals and Systems	10
Tri 1	2311ENG	Free-choice Elective	Analog Electronics I	10
Tri 1	2315ENG	Free-choice Elective	Digital Electronics	10
Tri 1	2701ICT	Free-choice Elective	Interactive App Development	10
Tri 1	2702ICT	Free-choice Elective	Intelligent Media Systems	10
Tri 1	3021CCJ	Free-choice Elective	Crime Script Analysis (not offered from 2020)	10
Tri 1,2	1001EHR	Free-choice Elective	Work and Employability (not offered from 2021)	10
			<b>OR</b>	
Tri 1,3	1007GBS	Free-choice Elective	The Future of Work	10
Tri 1,3	1305AFE	Free-choice Elective	Business Data Analysis (not offered from 2021)	10
			<b>OR</b>	
Tri 1,3	1008GBS	Free-choice Elective	Business Decision-Making	10
Tri 2	3050IBA	Free-choice Elective	Managing Strategic Change	10
			<b>OR</b>	
Tri 2	3112IBA	Free-choice Elective	Management Strategy and Decision Making (not offered from 2022)	10
Tri 1,2 or 3	1017SCG	Free-choice Elective	Foundation Mathematics	10
Tri 1,2 or 3	2043MKT	Free-choice Elective	Entrepreneurship and New Business Ventures (not offered from 2020)	10
			<b>OR</b>	
Tri 1,2 or 3	2043IBA	Free-choice Elective	Innovation, Creativity and Entrepreneurship	10
Tri 1,2 or 3	1101IBA	Free-choice Elective	Management Concepts (not offered from 2021)	10
			<b>OR</b>	
Tri 1,3	1004GBS	Free-choice Elective	The Purpose of Business	10
Tri 1,3	1015SCG	Free-choice Elective	Quantitative Reasoning	10
Tri 1,3	2128IBA	Free-choice Elective	The Management of Business Processes	10
Tri 1	4030ICT	Free-choice Elective	Big Data Analytics and Social Media	10

Trimester	Course code	Requirement	Course title	CP
Tri 2,3	1010CCJ	Free-choice Elective	Introduction to Forensic Psychology (Tri 3 online only)	10
Tri 2	1014SCG	Free-choice Elective	Statistics	10
Tri 2	1202SCG	Free-choice Elective	Calculus I	10
Tri 2	1305ENG	Free-choice Elective	Engineering Programming	10
Tri 2,3	2000CCJ	Free-choice Elective	Psychology of Crime (Tri 3: Online)	10
Tri 2	2030ICT	Free-choice Elective	Introduction to Big Data Analytics	10
Tri 2	2304ENG	Free-choice Elective	Communication Systems and Circuits	10
Tri 2	3026CCJ	Free-choice Elective	Fraud and Cybercrime	10
Tri 2	3702ICT	Free-choice Elective	Games Development	10
Tri 1	3705ICT	Free-choice Elective	Virtual and Augmented Reality (offered from 2021)	10
Tri 2	3706ICT	Free-choice Elective	Sensor Networks (offered from 2021)	10
Tri 2	3707ICT	Free-choice Elective	Home Automation and Robotics (offered from 2021)	10
Tri 2	3723ICT	Free-choice Elective	Interaction Design	10
			<b>OR</b>	
Tri 1	3614QCA	Free-choice Elective	Experimental Media	10
Tri 1	3114IBA	Free-choice Elective	Management Problem Solving (not offered from 2022)	10
			<b>OR</b>	
Tri 1,2	3049IBA	Free-choice Elective	Applied Business Project (not offered from 2022)	10
Tri 2,3	2034IBA	Free-choice Elective	Griffith Innovation Challenge (formerly 3031IBA)	10