



Bachelor of Intelligent Digital Technologies (Domestic students)

Program code	Entry requirements	Prerequisites
1596	65.00	Any General or Applied English subject (Units 3&4, C)
Available at Gold Coast Campus, Nathan Campus	ATAR/RANK 2022 (more)	Assumed knowledge Mathematical Methods (Units 3&4, C)
Duration 3 years full-time 6 years part-time	Commencing in Trimester 1 and Trimester 2	
Credit points 240		
Indicative fee \$9,000.00* per year (more) * 2022 indicative annual CSP fee		

Degree requirements: Students who started Trimester 1 - 2022

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

For the award of *Bachelor of Intelligent Digital Technology (BIntelDigitalTech)*, you must successfully complete 240 credit points, made up of the core courses AND

- 60 credit points for one major **OR** 60 credit points of Listed electives;
- 40 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	1611ICT	Core to Program	Emerging Technologies	10
Tri 1	1711ICT	Core to Program	Introduction to Robotics	10
Tri 1,3	1701ENG	Core to Program	Creative Engineering	10
Tri 1,2 or 3			Free-choice elective	10
			OR	
Tri 1	5903LHS	English Enhancement	Language and Communication for Sciences (see Note 1)	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
Tri 2,3			Free-choice elective	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	2814ICT	Core to Program	Data Management	10
Tri 1	2701ICT	Core to Program	Interactive App Development	10
Tri 1,2 or 3			Major course	10
			OR	
Tri 1,2 or 3			Listed elective	10
Tri 1,2 or 3			Major course	10
			OR	
Tri 1,2 or 3			Listed elective	10
Tri 1,2 or 3	2043MKT	Core to Program	Entrepreneurship and New Business Ventures (not offered from 2020)	10
			OR	
Tri 1,2 or 3	2043IBA	Core to Program	Innovation, Creativity and Entrepreneurship	10
Tri 1,2 or 3			Major course	10
			OR	
Tri 1,2 or 3			Listed elective	10
Tri 1,2 or 3			Major course	10
			OR	
Tri 1,2 or 3			Listed elective	10
Tri 2	2030ICT	Core to Program	Introduction to Big Data Analytics	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	3705ICT	Core to Program	Virtual and Augmented Reality	10
Tri 1	3820ICT_P1	Core to Program	Work Integrated Learning Part 1 (capstone course)	10
			AND	
Tri 2	3820ICT_P2	Core to Program	Work Integrated Learning Part 2 (capstone course)	10
			OR	
Tri 1,2	3821ICT	Core to Program	Work Integrated Learning - Single Project	20
			OR	
Tri 1,2	3822ICT	Core to Program	Work Integrated Learning - Placement	20
Tri 1,2 or 3			Major course	10
			OR	
Tri 1,2 or 3			Listed elective	10
Tri 1,2 or 3			Major course	10
			OR	
Tri 1,2 or 3			Listed elective	10
Tri 1,2 or 3			Free-choice electives	20

Majors (2 available)

IoT and Robotics

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:

Trimester	Course code	Requirement	Course title	CP
Tri 1,3	2807ICT	Core to Major	Programming Principles	10
Tri 2	2809ICT	Core to Major	Computer Networking Essentials	10
Tri 1	4030ICT	Core to Major	Big Data Analytics and Social Media	10
Tri 2	3706ICT	Core to Major	Sensor Networks	10
Tri 2	3707ICT	Core to Major	Home Automation and Robotics	10
Tri 1	3701ICT	Core to Major	Mobile Application Development	10

Programming for Visualisation and Entertainment

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:

Trimester	Course code	Requirement	Course title	CP
Tri 1,3	2807ICT	Elective to Major	Programming Principles	10
Tri 2	2810ICT	Elective to Major	Software Technologies	10
Tri 1	2702ICT	Elective to Major	Intelligent Media Systems	10
Tri 1	3614QCA	Elective to Major	Experimental Media	10
Tri 2	3702ICT	Elective to Major	Games Development	10
Tri 1	4030ICT	Elective to Major	Big Data Analytics and Social Media	10
			OR	
Tri 2	3813ICT	Elective to Major	Software Frameworks	10
Tri 2	3723ICT	Elective to Major	Interaction Design	10

Electives (2 available)

Free-choice electives

You may select free-choice electives from the list below or any **Undergraduate free-choice elective/s** offered across the University provided pre-requisites are met. You must ensure that you do not exceed the maximum of Level 1 courses (100 credit points) in your entire program. If you require guidance please liaise with your Program Director.

Trimester	Course code	Requirement	Course title	CP
Tri 1	1004ICT	Free-choice Elective	Professional Practice in Information Technology	10
Tri 2,3	1803ICT	Free-choice Elective	Information Systems Foundations	10
Tri 1	1010ENG	Free-choice Elective	Engineering Mathematics 1	10
Tri 1	1018ENG	Free-choice Elective	Engineering Science	10
Tri 2	1704ENG	Free-choice Elective	Electrics and Electronics for Designers	10
Tri 2,3	1301ENG	Free-choice Elective	Electric Circuits	10
Tri 1	2806ICT	Free-choice Elective	IT Services Management	10
Tri 2	2808ICT	Free-choice Elective	Secure Development Operations	10
Tri 2	2703ICT	Free-choice Elective	Web Application Development	10
Tri 2	3815ICT	Free-choice Elective	Software Engineering	10
Tri 2	2511ICT	Free-choice Elective	Business Analysis	10
Tri 1	3807ICT	Free-choice Elective	IT/Business Alignment (not offered from 2022)	10
Tri 1	3812ICT	Free-choice Elective	Agile Business Analysis	10
Tri 2	3810ICT	Free-choice Elective	Information Systems Architecture	10
Tri 1	3808ICT	Free-choice Elective	Routing and Internetworking	10
Tri 1	3809ICT	Free-choice Elective	Applied Network Security	10
Tri 2	3811ICT	Free-choice Elective	Advanced Network Architectures	10
Tri 1	3301ICT	Free-choice Elective	Enterprise Architecture Concepts	10

Listed electives

Trimester	Course code	Requirement	Course title	CP
Tri 1	2702ICT	Listed Elective	Intelligent Media Systems	10
Tri 1,3	2807ICT	Listed Elective	Programming Principles	10
Tri 2	2809ICT	Listed Elective	Computer Networking Essentials	10
Tri 2	2810ICT	Listed Elective	Software Technologies	10
Tri 1	2905ICT	Listed Elective	Fundamentals of Cyber Security	10
Tri 1	3701ICT	Listed Elective	Mobile Application Development	10
Tri 2	3706ICT	Listed Elective	Sensor Networks	10
Tri 2	3707ICT	Listed Elective	Home Automation and Robotics	10
Tri 1	3614QCA	Listed Elective	Experimental Media	10
Tri 2	3702ICT	Listed Elective	Games Development	10
Tri 2	3813ICT	Listed Elective	Software Frameworks	10
Tri 1	4030ICT	Listed Elective	Big Data Analytics and Social Media	10