Bachelor of Intelligent Digital Technologies (International students)

Program code

1596

Commencing in

For Continuing Students Only

Available at

Gold Coast Campus, Nathan Campus

Duration

3 years full-time

Credit points

240

Degree requirements: Students who started Trimester 2 - 2023

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**;
- if you elect not to complete a major, you will complete 60 credit points from the **No Major Option list**; **AND**
- 40 credit points of free-choice electives
  OR
- 100 credit points for two majors

For International students 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

- 10 credit points for the English Language Enhancement course (5903LHS);
- 60 credit points for one major **OR** 60 credit points of Listed electives;
- 30 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

All undergraduate International students are required to complete an **English Language Enhancement Course** unless specific criteria are met as specified in Section 5.0 Qualifications Procedure.

The following course must be completed in the first trimester of study:

- 5903LHS Language and Communication for Sciences

Advice regarding the requirement to complete the English Language Enhancement Course is available via the *myGriffith* portal (in the To Do List).

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 - 2023
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.

Students required to undertake the English Language Enhancement course must complete 5903LHS in their first trimester of study.

The English Language Enhancement course is to be taken in place of a Free-choice elective in your program.

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

Year 1

You must complete the following courses:

Trimester	Course code	Requirement	Course title	CP
Tri 2,3	1802ICT	Core to Program	Foundations of Systems Development (not offered from 2025)	10
			OR	
Tri 2	2006ICT	Core to Program	Object Oriented Software Development (offered from 2025)	10
Tri 1	1701ICT	Core to Program	Creative Coding	10
Tri 2	1805ICT	Core to Program	Human Computer Interaction (not offered from 2024)	10
			OR	
Tri 1	2008ICT	Core to Program	Design Thinking in IT (offered from 2025)	10
Tri 2,3		Free-choice Elective	Free-choice elective	10
			OR	
Tri 2,3			Second Major course (for students taking two majors) (see Note 2)	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.

Note 2: Students undertaking Double major should consult with the program director regarding study plan.

Year 2

You must complete the following courses:

Trimester	Course code	Requirement	Course title	CP
Tri 1	1611ICT	Core to Program	Emerging Technologies (not offered from 2024)	10
			OR	
Tri 2	1011ICT	Core to Program	Applied Computing (offered from 2024)	10
Tri 1	1711ICT	Core to Program	Introduction to Robotics (not offered from 2024)	10
			OR	
Tri 1,3	1007ICT	Core to Program	Computer Systems and Cyber Security	10
Tri 1,3	1022ENG	Core to Program	Engineering Design Practice	10
Tri 1,2 or 3			Free-choice elective	10
			OR	
Tri 1,2 or 3			Second Major course (for students taking two majors) (see Note 2)	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			No Major Option course (for students electing to not complete a major)	10
Tri 1,2 or 3			Major course	10
			OR	
Tri 1,2 or 3			No Major Option course (for students electing to not complete a major)	10
Tri 2	2030ICT	Core to Program	Introduction to Big Data Analytics	10

Note 2: Students undertaking Double major should consult with the program director regarding study plan.

Year 3

You must complete the following courses:

Trimester	Course code	Requirement	Course title	CP
Tri 1,2,3	2814ICT	Core to Program	Data Management	10
			OR	
Tri 1,2	1804ICT	Core to Program	Data Management (offered from 2024)	10
Tri 1	2701ICT	Core to Program	Interactive App Development (not offered from 2025)	10
			OR	
Tri 2	3004ICT	Core to Program	Web Application Development (offered from 2026)	10
Tri 1,2 or 3			Major course	10
			OR	
Tri 1,2 or 3			No Major Option course (for students electing to not complete a major)	10
Tri 1,2 or 3			Major course	10
			OR	
Tri 1,2 or 3			No Major Option course (for students electing to not complete a major)	10
Tri 1,2 or 3			Major course	10
			OR	
Tri 1,2 or 3			No Major Option course (for students electing to not complete a major)	10
Tri 1	3820ICT_P1	Core to Program	Work Integrated Learning Part 1	10
			AND	
Tri 2	3820ICT_P2	Core to Program	Work Integrated Learning Part 2	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	3705ICT	Core to Program	Virtual and Augmented Reality (not offered from 2026)	10
			OR	
Tri 2	3702ICT	Core to Program	Games Development	10

Year 4

You must complete the following courses:

Trimester	Course code	Requirement	Course title	CP
Tri 1	3410ICT	Core to Program	The Ethical Technologist (not offered from 2026)	10
			OR	
Tri 1	2007ICT	Core to Program	Cyber Security Standards and Operations (offered from 2026)	10
Tri 1,2 or 3			Major course	10
			OR	
Tri 1,2 or 3			No Major Option course (for students electing to not complete a major)	10
Tri 1,2 or 3			Free-choice electives	20
			OR	
Tri 1,2 or 3			Second Major course (for students taking two majors) (see Note 2)	20

Note 2: Students undertaking Double major should consult with the program director regarding study plan.

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 the following courses:

Trimester	Course code	Requirement	Course title	CP
Tri 1,2	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 (not offered from 2023)	10
			OR	
Tri 1,2,3	3032ICT	Core to Major	Big Data Analytics and Social Media	10
Tri 2	3706ICT	Core to Major	Sensor Networks (not offered from 2023)	10
			OR	
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 1,2	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 (not offered from 2025)	10
			OR	
Tri 1	3003ICT	Elective to Major	Programming for Robotics (offered from 2026)	10
Tri 1	3614QCA	Elective to Major	Experimental Media (not offered from 2023)	10
Tri 2	3702ICT	Elective to Major	Games Development	10
			OR	
Tri 2	3642QCA	Elective to Major	Experimental and Generative Design (offered from 2026)	10
Tri 1	4030ICT	Elective to Major	Big Data Analytics and Social Media (not offered from 2023)	10
			OR	
Tri 1,2,3	3032ICT	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

No Major Option (1 available)
No Major Option (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	2702ICT	Elective to Major	Intelligent Media Systems (not offered from 2025)	10
			OR	
Tri 1	3003ICT	Elective to Major	Programming for Robotics (offered from 2026)	10
Tri 1,2	2807ICT	Elective to Major	Programming Principles	10
			OR	
Tri 1,2	1811ICT	Elective to Major	Programming Principles (offered from 2025)	10
Tri 2	2809ICT	Elective to Major	Computer Networking Essentials	10
Tri 2	2810ICT	Elective to Major	Software Technologies	10
Tri 1	3701ICT	Elective to Major	Mobile Application Development	10
Tri 2	3706ICT	Elective to Major	Sensor Networks (not offered from 2023)	10
			OR	
Tri 2	3707ICT	Elective to Major	Home Automation and Robotics	10
Tri 1	3614QCA	Elective to Major	Experimental Media (not offered from 2023)	10
Tri 2	3702ICT	Elective to Major	Games Development	10
			OR	
Tri 2	3642QCA	Elective to Major	Experimental and Generative Design	10
Tri 2	3813ICT	Elective to Major	Software Frameworks	10
Tri 2	3723ICT	Elective to Major	Interaction Design	10
Tri 1	4030ICT	Elective to Major	Big Data Analytics and Social Media (not offered from 2023)	10
			OR	
Tri 1,2,3	3032ICT	Elective to Major	Big Data Analytics and Social Media	10

Electives (1 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	Application Systems	10
Tri 1,3	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 (not offered from 2026)	10
Tri 1	3003ICT	Free-choice Elective	Programming for Robotics (offered from 2026)	10
Tri 2	2511ICT	Free-choice Elective	Business Analysis	10
Tri 2	3043IBA	Free-choice Elective	Digital Innovation (offered from 2025)	10
Tri 2	3118ENG	Free-choice Elective	Digital and Spatial Technologies	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 (not offered from 2026)	10
Tri 1	3808ICT	Free-choice Elective	Routing and Internetworking (not offered from 2026)	10
Tri 1	3809ICT	Free-choice Elective	Ethical Hacking (not offered from 2026)	10
Tri 2	3811ICT	Free-choice Elective	Advanced Network Architectures (not offered from 2026)	10
Tri 1	3301ICT	Free-choice Elective	Enterprise Architecture Concepts	10