



Bachelor of Applied Information Technology (Domestic students)

Program code

1497

Commencing in

For Continuing Students Only

Available at

Logan Campus

Duration

3 years full-time

Credit points

240

Degree requirements: Students who started Trimester 2 - 2020

For the award of *Bachelor of Applied Information Technology (BAppInfTech)*, 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
- 30 credit points of listed 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.

Students may receive credit for relevant IT employment towards the core course 3822ICT. Students will need to provide corresponding evidence that demonstrates they have met the learning outcomes of the course.

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.

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 - 2020

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.

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 2	1805ICT	Core to Program	Human Computer Interaction (not offered from 2024)	10
			OR	
Tri 1,3	1022ENG	Core to Program	Engineering Design Practice (offered from 2024)	10
Tri 1,3	1701ICT	Core to Program	Creative Coding	10
Tri 1,2	1001EHR	Core to Program	Work and Employability (not offered from 2021)	10
			OR	
Tri 1,3	1007GBS	Core to Program	The Future of Work	10

Year 2

You must complete the following courses:

Trimester	Course code	Requirement	Course title	CP
Tri 1	1611ICT	Core to Program	Emerging Technologies	10
Tri 1	1621ICT	Core to Program	Web Technologies (not offered from 2025)	10
			OR	
Tri 1	2008ICT	Core to Program	Design Thinking in IT (offered from 2025)	10
Tri 1	1711ICT	Core to Program	Introduction to Robotics (not offered from 2024)	10
			OR	
Tri 1	1007ICT	Core to Program	Computer Systems and Cyber Security	10
Tri 1			Major course	10
			OR	
Tri 1			Applied Information Technology course (for students electing to not complete a major)	10
			OR	
Tri 1			Listed elective	10
Tri 2	2816ICT	Core to Program	Professional Practice in ICT A (not offered from 2021)	10
			OR	
Tri 1,2,3	2043IBA	Core to Program	Innovation, Creativity and Entrepreneurship	10
Tri 2	2821ICT	Listed Elective	Team Project (not offered from 2021)	20
			OR	
Tri 2,3	2034IBA	Listed Elective	Griffith Innovation Challenge	10
			AND	
Tri 1,2,3	2043IBA	Listed Elective	Innovation, Creativity and Entrepreneurship	10
			OR	
Tri 2			Major courses	20
			OR	
Tri 2			Applied Information Technology courses (for students electing to not complete a major)	20
			OR	
Tri 2			Listed electives	20
Tri 1,2 or 3	1003MKT	Core to Program	Introduction to Marketing (not offered from 2021)	10
			OR	
Tri 1,3	1008GBS	Core to Program	Business Decision-Making	10

Year 3

You must complete the following courses:

Trimester	Course code	Requirement	Course title	CP
Tri 1	3816ICT	Core to Program	Professional Practice in ICT B	10
			OR	
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 2,3	2034IBA	Core to Program	Griffith Innovation Challenge	10
Tri 1,2 or 3	3002LFC	Core to Program	Community Internship and Partnerships for SDGs (commences Tri 3, 2020 and Tri 1, 2021)	10
Tri 1			Major course	10
			OR	
Tri 1			Applied Information Technology course (for students electing to not complete a major)	10
			OR	
Tri 1			Listed elective	10
Tri 1,2			Major courses	40
			OR	
Tri 1,2			Applied Information Technology course (for students electing to not complete a major)	40
			OR	
Tri 1,2			Listed elective	40

Year 4

You must complete the following courses:

Trimester	Course code	Requirement	Course title	CP
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	3019MKT	Core to Program	Franchising and Small Business	10
Tri 1			Major course	10
			OR	
Tri 1			Applied Information Technology course (for students electing to not complete a major)	10
			OR	
Tri 1			Listed elective	10

Majors (2 available)

IoT and Robotics

You must complete the following courses:

Trimester	Course code	Requirement	Course title	CP
Tri 1	2905ICT	Core to Major	Fundamentals of Cyber Security	10
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 60 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)

Applied Information Technology (for students not completing a major)

You must complete 60 credit points from the following courses, with at least 20 credit points of level 3 (or above) courses:

Trimester	Course code	Requirement	Course title	CP
Tri 1	2701ICT	Elective to Major	Interactive App Development (not offered from 2025)	10
Tri 1	2702ICT	Elective to Major	Intelligent Media Systems (not offered from 2025)	10
			OR	
Tri 2	2006ICT	Elective to Major	Object Oriented Software Development (offered from 2025)	10
Tri 1	3701ICT	Elective to Major	Mobile Application Development	10
Tri 1	3807ICT	Elective to Major	IT/Business Alignment (not offered from 2022)	10
			OR	
Tri 1	3301ICT	Elective to Major	Enterprise Architecture Concepts	10
Tri 1	3808ICT	Elective to Major	Routing and Internetworking	10
Tri 1	3809ICT	Elective to Major	Ethical Hacking	10
Tri 1	2806ICT	Elective to Major	IT Services Management	10
Tri 1	3812ICT	Elective to Major	Agile Business Analysis	10
Tri 2	2703ICT	Elective to Major	Web Application Development (not offered from 2026)	10
			OR	
Tri 2	3004ICT	Elective to Major	Web Application Development (offered from 2026)	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 (not offered from 2026)	10
Tri 2	2511ICT	Elective to Major	Business Analysis	10
Tri 1	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 (not offered from 2023)	10
			OR	

Trimester	Course code	Requirement	Course title	CP
Tri 2	3707ICT	Elective to Major	Home Automation and Robotics (offered from 2021)	10
Tri 1	3614QCA	Elective to Major	Experimental Media	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
Tri 1,2	2807ICT	Elective to Major	Programming Principles (not offered from 2025)	10

Electives (1 available)

Listed electives

Trimester	Course code	Requirement	Course title	CP
Tri 1	2702ICT	Listed Elective	Intelligent Media Systems (not offered from 2025)	10
			courseLineOperator	
Tri 2	2006ICT	Listed Elective	Object Oriented Software Development (offered from 2025)	10
Tri 1	3701ICT	Listed Elective	Mobile Application Development	10
Tri 1	3807ICT	Listed Elective	IT/Business Alignment (not offered from 2022)	10
			courseLineOperator	
Tri 1	3301ICT	Listed Elective	Enterprise Architecture Concepts	10
Tri 1	3301ICT	Listed Elective	Enterprise Architecture Concepts	10
Tri 1	3808ICT	Listed Elective	Routing and Internetworking	10
Tri 1	3809ICT	Listed Elective	Ethical Hacking	10
Tri 1	2806ICT	Listed Elective	IT Services Management	10
Tri 1,2	2807ICT	Listed Elective	Programming Principles	10
Tri 1	3812ICT	Listed Elective	Agile Business Analysis	10
Tri 1	4030ICT	Listed Elective	Big Data Analytics and Social Media (not offered from 2023)	10
			courseLineOperator	
Tri 1,2,3	3032ICT	Listed Elective	Big Data Analytics and Social Media	10
Tri 2	2703ICT	Listed Elective	Web Application Development (not offered from 2026)	10
			courseLineOperator	
Tri 2	3004ICT	Listed Elective	Web Application Development (offered from 2026)	10
Tri 2	2808ICT	Listed Elective	Secure Development Operations	10

Trimester	Course code	Requirement	Course title	CP
Tri 2	2809ICT	Listed Elective	Computer Networking Essentials	10
Tri 2	3702ICT	Listed Elective	Games Development	10
Tri 2	3706ICT	Listed Elective	Sensor Networks (not offered from 2023)	10
			courseLineOperator	
Tri 2	3707ICT	Listed Elective	Home Automation and Robotics	10
Tri 2	3723ICT	Listed Elective	Interaction Design	10
			courseLineOperator	
Tri 1	3614QCA	Listed Elective	Experimental Media	10
Tri 2	3811ICT	Listed Elective	Advanced Network Architectures	10
Tri 2	3813ICT	Listed Elective	Software Frameworks	10
Tri 2	3815ICT	Listed Elective	Software Engineering (not offered from 2026)	10
			courseLineOperator	
Tri 1	3003ICT	Listed Elective	Programming for Robotics (offered from 2026)	10
Tri 2	2511ICT	Listed Elective	Business Analysis	10
Tri 2	2810ICT	Listed Elective	Software Technologies	10
Tri 2	3810ICT	Listed Elective	Information Systems Architecture	10
Tri 3	2098MKT	Listed Elective	Branding and Promoting New Business Ventures	10
Tri 1,2 or 3	3045MKT	Listed Elective	New Venture Business Planning (not offered from 2020)	10
			courseLineOperator	
Tri 1	3045IBA	Listed Elective	Building the New Venture	10