



## Bachelor of Information Technology (International students)

| Program code                                         | Entry requirements                        | Prerequisites                                                                                           |
|------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------|
| 1538                                                 | 6.5                                       | Nil                                                                                                     |
| Available at                                         | IELTS (Academic) ( <a href="#">more</a> ) | Assumed knowledge                                                                                       |
| Gold Coast Campus, Nathan Campus, Online             | <b>CRICOS code</b><br>003423G             | English, English as an Additional Language, Literature or English & Literature Extension (Units 3&4, C) |
| Duration                                             | Commencing in                             | General Mathematics or Mathematical Methods (Units 3&4, C)                                              |
| 3 years full-time<br>6 years part-time (online only) | Trimester 1, Trimester 2 and Trimester 3  | <a href="#">Apply Now</a>                                                                               |
| Credit points                                        |                                           |                                                                                                         |
| 240                                                  |                                           |                                                                                                         |
| Indicative fee                                       |                                           |                                                                                                         |
| \$37,000.00* per year ( <a href="#">more</a> )       |                                           |                                                                                                         |
| * 2024 indicative annual fee                         |                                           |                                                                                                         |

### Degree requirements: Students who started Trimester 2 - 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

### For International students required to complete the English Language Enhancement course

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

- 10 credit points for the English Language Enhancement course (5903LHS);
- 100 credit points for the core module
- 60 credit points for the major module
- 70 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

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 - 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 | <b>5903LHS</b> | 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        | <b>1004ICT</b> |             | Professional ICT Practice                       | 10 |
| Tri 1,3      | <b>1007ICT</b> |             | Computer Systems and Cyber Security             | 10 |
| Tri 1        | <b>1701ICT</b> |             | Creative Coding                                 | 10 |
| Tri 1,2,3    | <b>1814ICT</b> |             | Data Management                                 | 10 |
| Tri 2,3      | <b>1803ICT</b> |             | Application Systems                             | 10 |
| Tri 1,2      | <b>1811ICT</b> |             | 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     | <b>2008ICT</b> |             | Design Thinking in IT (offered from 2025) | 10 |
| Tri 2     | <b>2810ICT</b> |             | 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     |             | 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     |             | 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 |