Griffith UNIVERSITY

Master of Information Technology (Domestic students)

Program code

5612

Available at

Gold Coast Campus, Nathan Campus, Online

Duration

1 to 2 years full-time

4 years part-time

Credit points

160

Indicative fee

$9,000.00* per year (more)

* 2024 indicative annual CSP fee

Admission requirements

Any Bachelor degree (4.0 GPA) or higher

(more)

Commencing in

Trimester 1, Trimester 2 and Trimester 3

Next start date

Trimester 2, 2024 (more)

Applications close

Monday, 24 June 2024

Apply Now

Degree requirements: Students who started Trimester 2 - 2024

Pathway 1 - 1 year program (80CP)

For the award of *Master of Information Technology (MIT)*, if eligible to complete this program in 1 year, you must successfully complete 80 credit points made up of:

- 80 credit points for the core module

Pathway 2 - 1.5 year program (120CP)

For the award of *Master of Information Technology (MIT)*, if eligible to complete this program in 1.5 years, you must successfully complete 120 credit points made up of:

- 80 credit points for the core module
- 40 credit points for the flexible module

Pathway 3 - 2 year program (160CP)

For the award of *Master of Information Technology (MIT)*, if eligible to complete this program in 2 years, you must successfully complete 160 credit points made up of:

- 40 credit points for the foundation module
- 80 credit points for the core module
- 40 credit points for the flexible module

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.

Exit point

To be eligible to exit the Masters program with one of the following awards, a student must acquire 40 credit points of prescribed courses from:

- Graduate Certificate in Information Technology (3220)

To exit, a student should apply for a program transfer.

Note: The above Graduate Certificate exit points are not available to students admitted to the Masters program with advanced standing.

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 9 - Masters Degree (Coursework).

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.

Program options

Students must complete one of the following pathways:

Trimester	Course code	Requirement	Course title	CP
Tri 1,2			Pathway 1 (1 year - related degree and work experience)	80
			OR	
Tri 1,2			Pathway 2 (1.5 years - related degree)	120
			OR	
Tri 1,2,3			Pathway 3 (2 years - any degree)	160

Majors (5 available)
Data Analytics

You must complete the following:

Trimester	Course code	Requirement	Course title	CP
Tri 2	7230ICT		Big Data Analytics and Social Media	10
Tri 1	7008ICT		Data Processing and Visualisation	10
Tri 2	7030ICT		Introduction to Big Data Analytics	10
Tri 2	7022ICT		Machine Learning	10

Information Systems and Enterprise Architecture

You must complete the following:

Trimester	Course code	Requirement	Course title	CP
Tri 1	7103ICT		Business Analysis	10
Tri 1	7302ICT		Enterprise Architecture Applications	10
Tri 2	7812ICT		Agile Business Analysis	10
Tri 2	7301ICT		Enterprise Architecture Concepts	10

Information Technology

You must complete 20 credit points from the following:

Trimester	Course code	Requirement	Course title	CP
Tri 2	7230ICT		Big Data Analytics and Social Media	10
Tri 1	7008ICT		Data Processing and Visualisation	10
Tri 1	7103ICT		Business Analysis	10
Tri 1	7302ICT		Enterprise Architecture Applications	10
Tri 1	7004ICT		Data Communication	10
Tri 1	7011ICT		Data Structures and Algorithms	10
Tri 2	7019ICT		Cyber Security Risk Management	10
Tri 2	7010ICT		Object Oriented Software Development	10

You must complete 20 credit points from the following:

Trimester	Course code	Requirement	Course title	CP
Tri 1	7809ICT		Offensive Cyber Security	10
Tri 1	7018ICT		Cloud Architecture and Administration	10
Tri 1	7009ICT		XR and Game Development	10
Tri 2	7301ICT		Enterprise Architecture Concepts	10
Tri 2	7812ICT		Agile Business Analysis	10
Tri 2	7013ICT		Advanced Topics in IT	10
Tri 2	7031ICT		Applied Data Mining	10
Tri 2	7030ICT		Introduction to Big Data Analytics	10

Networking and Security

You must complete the following:

Trimester	Course code	Requirement	Course title	CP
Tri 1	7809ICT		Offensive Cyber Security	10
Tri 1	7004ICT		Data Communication	10
Tri 1	7018ICT		Cloud Architecture and Administration	10
Tri 2	7019ICT		Cyber Security Risk Management	10

Software Development and Support

You must complete the following:

Trimester	Course code	Requirement	Course title	CP
Tri 1	7011ICT		Data Structures and Algorithms	10
Tri 1	7009ICT		XR and Game Development	10
Tri 2	7010ICT		Object Oriented Software Development	10
Tri 2	7005ICT		Programming Principles 2	10

Pathways (3 available)
Pathway 1 (1 year - related degree and work experience)

You must complete the following:

Trimester	Course code	Requirement	Course title	CP
Tri 1	7808ICT		Project and Cyber Security Management	10
Tri 2,3	7907ICT		IT and Cyber Security Governance, Policy, Ethics and Law	10
Tri 1,2			Major courses (Note 1)	40
Tri 2	7821ICT		Work Integrated Learning - Single Project	20
			OR	
Tri 2	7822ICT		Work Integrated Learning - Placement	20
			OR	
Tri 1	7113ICT		Research for IT Professionals (Note 2)	10
			AND	
Tri 1,2	7013ICT		Advanced Topics in IT	10

Note 1: Only the Information Technology major can be completed full time.

Note 2: You must meet the eligibility criteria for the dissertation to complete 7113ICT Research for IT Professionals AND 7013ICT Advanced Topics in IT.

Pathway 2 (1.5 years - related degree)
Core Module

You must complete the following:

Trimester	Course code	Requirement	Course title	CP
Tri 1	7808ICT		Project and Cyber Security Management	10
Tri 2,3	7907ICT		IT and Cyber Security Governance, Policy, Ethics and Law	10
Tri 1,2			Major courses	40
Tri 2	7821ICT		Work Integrated Learning - Single Project	20
			OR	
Tri 2	7822ICT		Work Integrated Learning - Placement	20
			OR	
Tri 1	7113ICT		Research for IT Professionals (Note 1 and 2)	10
			AND	
Tri 1,2	7013ICT		Advanced Topics in IT	10

Note 1: You must meet the eligibility criteria for the dissertation to complete 7113ICT Research for IT Professional and 7013ICT Advanced Topics in IT.

Note 2: Students commencing in Trimester 1 who wish to undertake the dissertation can only do so if they complete the core module part-time.

Flexible Module

You must complete 40 credits for the Flexible Module:

Trimester	Course code	Requirement	Course title	CP
Tri 1,2,3			Electives	40
			OR	
Tri 1,2			Dissertation	40

Dissertation

You must advise the Program Director about your intention to enrol in dissertation courses at least one trimester in advance of your expected enrolment.

Eligibility to undertake the Dissertation will be approved by the Program Director and will be subject to the following criteria:

- Have completed at least 40 credit points towards the Master of Information Technology

- attained a minimum GPA of 6.0

Trimester	Course code	Requirement	Course title	CP
Tri 1,2	7590ICT_P1		Dissertation	10
Tri 1,2	7590ICT_P2		Dissertation	10
Tri 1,2	7590ICT_P3		Dissertation	10
Tri 1,2	7590ICT_P4		Dissertation	10

Enrolment in the Dissertation courses requires pre-approval from the Program Director.

Pathway 3 (2 years - any degree)
Foundation Module

You must complete the following:

Trimester	Course code	Requirement	Course title	CP
Tri 1,3	7611ICT		Computer Systems and Cyber Security	10
Tri 1,2,3	7003ICT		Database Design	10
Tri 1,2	7001ICT		Programming Principles	10
Tri 2,3	7610ICT		Application Systems	10

Exit point: *student must acquire 40 credit points of prescribed course in Graduate Certificate in Information Technology. To exit, student must apply for an internal transfer.*

Core Module

You must complete the following:

Trimester	Course code	Requirement	Course title	CP
Tri 1	7808ICT		Project and Cyber Security Management	10
Tri 2,3	7907ICT		IT and Cyber Security Governance, Policy, Ethics and Law	10
Tri 1,2			Major courses	40
Tri 2	7821ICT		Work Integrated Learning - Single Project	20
			OR	
Tri 2	7822ICT		Work Integrated Learning - Placement	20
			OR	
Tri 1	7113ICT		Research for IT Professionals (Note 1)	10
			AND	
Tri 1,2	7013ICT		Advanced Topics in IT	10

Note 1: You must meet the eligibility criteria for the dissertation to complete 7113ICT Research for IT Professional AND 7013ICT Advanced Topics in IT.

Flexible Module

You must complete 40 credits for the Flexible Module:

Trimester	Course code	Requirement	Course title	CP
Tri 1,2,3			Electives	40
			OR	
Tri 1,2			Dissertation	40

Dissertation

You must advise the Program Director about your intention to enrol in dissertation courses at least one trimester in advance of your expected enrolment.

Eligibility to undertake the Dissertation will be approved by the Program Director and will be subject to the following criteria:

- Have completed at least 40 credit points towards the Master of Information Technology
- attained a minimum GPA of 6.0

Trimester	Course code	Requirement	Course title	CP
Tri 1,2	7590ICT_P1		Dissertation	10
Tri 1,2	7590ICT_P2		Dissertation	10
Tri 1,2	7590ICT_P3		Dissertation	10
Tri 1,2	7590ICT_P4		Dissertation	10

Enrolment in the Dissertation courses requires pre-approval from the Program Director.

Electives (1 available)
Electives

You may select electives from the list below or any Postgraduate elective/s offered across the University provided prerequisites are met. If you require guidance, please liaise with your Program Director.

Elective courses may be available at multiple campuses and during a different trimester. Click on the course code to find out more information on where and when the course is offered.

Trimester	Course code	Requirement	Course title	CP
Tri 1	7006ICT		Introduction to Artificial Intelligence	10
Tri 1	7506ICT		Industrial Applications of Blockchain	10
Tri 1	7016ICT		Cyber Security of Critical Infrastructure	10
Tri 1	7007ICT		Cryptographic Applications (offered from 2025)	10
Tri 2	7502ICT		Fundamentals of Blockchain and Distributed Ledger Technology	10
Tri 2	7905ICT		Fundamentals of Cyber Security	10
Tri 2	7906ICT		Digital Investigations	10
Tri 2	7015ICT		Cyber Security Operations Centres	10