

## Postgraduate Course Overview

### **Master of Information Technology (CRICOS 0100969) (T224 commencing)**

The Master of Information Technology has 16 subjects studied over 4 trimesters.

#### Course Conditions:

To be permitted to enrol in this course:

1. Australian Bachelor degree (3 years) (AQF Level 7) or overseas equivalent in a cognate discipline with at least 55% average in their undergraduate OR a Graduate Certificate of IT OR a Graduate Diploma of IT at AQF level 8. This course planner assumes no Recognition of Prior Learning (RPL) has been approved and all subjects will be passed. Should either of these circumstances change, the course planner will need to be carefully planned to take into account pre-requisite subjects and available timeframes. The subjects in shaded boxes cannot be changed.

First trimester	Second trimester
BUS708 Statistics and Data Analysis	ICT712 Information Technology Project Management (Pre-req: 4 subjects completed)
BUS709 Communication in Business	ICT713 Advanced Database Design and Development
ICT710 IT Governance and Emerging Technologies	ICT724 Intelligent systems
ICT711 Programming and Algorithms	ICT761 Business Analytics and Business Intelligence
Third trimester	Fourth Trimester
ICT728 Capstone Project 1 (Pre-req: 8 subjects completed, ICT712, ICT713) (ICT729 must be enrolled in consecutive trimester)	ICT729 Capstone Project 2 (Prereq: ICT728)
ICT762 Data Analytics and Data Visualisation (Pre-req:761)	Data Analytics Elective/IT/General Elective
ICT731 Data Mining (Pre-req: ICT713, ICT724)	Data Analytics Elective/IT/General Elective
ICT734 Machine Learning (Pre-req: ICT762)	ICT732 Big Data (Pre-req: ICT713, ICT731)

Electives: Provided that pre-requisites have been met, and the subject is offered in the trimester, students may choose any electives provided in this trimester from the list below (Pre-requisite shown in brackets).

#### **IT Electives:**

ICT722 Information Security  
 ICT723 Virtualisation and Cloud Computing  
 ICT725 User Experience and Mobile Application Development  
 ICT726 Web Development (Pre-req: ICT711)  
 ICT740 Applied Cybersecurity  
 ICT741 Digital Forensics (Pre-req: ICT722)  
 ICT742 Cloud Privacy and Security (Pre-req: ICT722)  
 ICT743 IoT Security (Pre-req: ICT722)  
 ICT780 Cryptography  
 ICT772 Cyber Security Governance, Risk and Compliance

#### **Data Analytics Specialisation:**

ICT730 Security Analytics  
 ICT733 Social Web Analytics (Pre-req: ICT713, ICT731, BUS708)

#### **General Electives:**

BUS700 Economics  
 BUS702 Business Law  
 BUS707 Applied Business Research  
 ACC700 Principles of Accounting  
 FIN700 Financial Management