

Postgraduate Course Overview

Master of Information Technology (CRICOS 0100969) (T319 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
BUS709 Communication in Business	ICT713 Advanced Database Design and Development
ICT710 IT Governance and Emerging Technologies	ICT712 Information Technology Project Management <i>(prereq 16 credit points)</i>
ICT711 Programming and Algorithms	IT Elective
BUS708 Statistics and Data Analysis	IT Elective
Third trimester	Fourth Trimester
ICT728 Capstone Project 1 <i>(Prereq: 32 credit points, ICT712, ICT713)</i>	ICT729 Capstone Project 2 <i>(Prereq: ICT728)</i>
IT/General Elective	IT/General Elective
IT Elective	IT Elective
IT Elective	IT Elective

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

IT Electives:

ICT722 Information Security
 ICT723 Virtualisation and Cloud Computing
 ICT724 Intelligent systems
 ICT725 User Experience and Mobile Application Development
 ICT726 Web Development (Prereq: ICT711)
 ICT730 Applied Analytics and Visualisation (Prereq: ICT713, ICT731, BUS708)
 ICT731 Data Mining (Prereq: ICT713, ICT724)
 ICT732 Big Data (Prereq: ICT713, ICT731)
 ICT733 Social Web Analytics (Prereq: ICT713, ICT731, BUS708)
 ICT740 Applied Cybersecurity (Prereq: ICT722)
 ICT741 Digital Forensics (Prereq: ICT722)
 ICT742 Cloud Privacy and Security (Prereq: ICT722)
 ICT743 IoT Security (Prereq: ICT722)

Data Analytics Specialisation:

Choose at least four electives from the list below:

ICT724 Intelligent systems
 ICT730 Applied Analytics and Visualisation (Prereq: ICT713, ICT731, BUS708)
 ICT731 Data Mining (Prereq: ICT713, ICT724)
 ICT732 Big Data (Prereq: ICT713, ICT731)
 ICT733 Social Web Analytics (Prereq: ICT713, ICT731, BUS708)

Cybersecurity Specialisation:

Choose at least four electives from the list below:

ICT722 Information Security
 ICT740 Applied Cybersecurity (Prereq: ICT722)
 ICT741 Digital Forensics (Prereq: ICT722)
 ICT742 Cloud Privacy and Security (Prereq: ICT722)
 ICT743 IoT Security (Prereq: ICT722)

General Electives:

BUS700 Economics
 BUS702 Business Law
 BUS707 Applied Business Research
 ACC700 Principles of Accounting
 ACC701 Financial Accounting (pre-requisite ACC700)
 FIN700 Financial Management
 ACC703 Accounting Information Systems (pre-requisite ACC700)
 ACC704 Companies and Securities Law (pre-requisite BUS702)