Master of Information Technology (Advanced) (IT44)

Year offered: 2011
Admissions: Yes
CRICOS code: 053123F
Course duration (full-time): 2 years
Course duration (part-time): 4 years
Domestic Fees (indicative): Refer to majors
International Fees (indicative): Refer to majors
Domestic Entry: February and July
International Entry: February and July
Total credit points: 192
Standard credit points per full-time semester: 48
Standard credit points per part-time semester: 24
Course coordinator: Dr Ross Hayward
Campus: Gardens Point

Majors
- Master of Information Technology (Advanced) (Enterprise Systems)
- Master of Information Technology (Advanced) (Library and Information Science)
- Master of Information Technology (Advanced) (Digital Environments)
- Master of Information Technology (Advanced) (Software Architecture)
- Master of Information Technology (Advanced) (Security)
- Master of Information Technology (Advanced) (Network Management)
- Master of Information Technology (Advanced) (Games Production)
- Master of Information Technology (Advanced) (Executive Information Practice)
- Master of Information Technology (Advanced) (Games Design)
- Master of Information Technology (Advanced) (Information Management)
- Master of Information Technology (Advanced)

Description
Information technology is now firmly ensconced in society with all the other business practices that constitute modern organisations. This Master of Information Technology course has interfaculty contributions from the Faculties of IT, Business, Creative Industries and Law, matching closely to their relevant IT research areas. Recognition of the burgeoning of specialised areas within the Information Industries is reflected in course structures that provide for ten different majors other than the "No Major" option:
- Software Architecture
- Network Management
- Enterprise Systems
- Games Production

- Games Design
- Security
- Library and Information Science
- Information Management
- Digital Environments
- Executive Information Practice

The structure of this course is designed so that a student does not have to decide on a major until after the first semester. Elective and core units may be selected first. Students must generally complete the core unit and seven units from within their major. The only exception to this structure is in the Library and Information Science major.

Electives:
Students can generally select up to 4 electives; again, the exception is in the Library and Information Science major, where students can select no more than two electives.

Non-cognate students are recommended to select three Basic Elective Units as their electives.

Advanced Research Units (Complementary Studies): Students who enrol in the Masters Advanced program must complete four advanced research or project units. It is recommended that students complete advanced research and project units in the latter half of their course.

Students wishing to use the Masters Advanced program as a pathway to a PhD program within QUT are advised to enrol in INN700 Introduction to Research as part of their major and take INN701 Advanced Research Methodologies as an elective.

It is possible for students to complete dual Master degrees. Students can receive up to four units of credit for a previous Masters degree as part of their elective unit block. Thus, they are only required to complete the major and core. Students may then receive their Masters degree from the Faculty of Information Technology in two semesters.

Students undertaking units from the MBA program (GSN units) in the Graduate School of Business (GSB) must meet the MBA entry requirements. Please see the GSB website for further information.

Course completion rules
Students should meet the following requirements before they are able to complete the Masters Advanced program:
- Students are required to complete 192 credit points of units.
- Students are required to complete the specified core unit.
- Students seeking a single area of specialisation must
complete the specific unit requirements for a major.
- Students not seeking a single area of specialisation may graduate with no major.
- Students must complete 48 credit points of project or advanced research units.
- Students may be allowed to take up to four units of electives. These units may be selected from postgraduate units outside of the Faculty of Science and Technology.

**Early exit options**

Students enrolled in this course may be eligible to exit their courses with a Graduate Certificate (IT85), after successful completion of an approved 48 credit points, or with a Graduate Diploma (IT37), after successful completion of an approved 96 credit points, or with a Masters (IT43) after successful completion of an approved 144 credit points.

**Further Information**

For further information about this course, please contact:

Dr Ross Hayward
Phone: +61 7 3138 2782
Email: enquiry.scitech@qut.edu.au

**UNIT SYNOPSES**

**INN500 PRINCE2 (R) PROJECT MANAGEMENT**

The majority of information technology (IT) initiatives, such as systems developments and implementations, are introduced into organizations through projects, and the success of these projects depends on their effective management. This unit covers the integration of the multi-disciplinary skills that students would have acquired at stage in the course required to manage IT projects successfully. Specifically, it covers the administrative, technical, communication and socio-political demands placed on modern IT project managers. The unit covers practical, relevant and topical IT project management issues delivered through workshops and lectures.

**Prerequisites:** Completion of 36 credit points of Postgraduate units (INN% or PUN% or GSN%)

**Antirequisites:** INB123, ITB365, ITB272

**Equivalents:** ITN272

**Credit points:** 12

**Contact hours:** 4 per week

**Campus:** Gardens Point

**Teaching period:** 2011 SEM-1 and 2011 SEM-2

point average of at least 4.5 (On a 7 points scale).

Executive information practice:

Has core units from the MBA and as such must also meet the MBA entry requirements:

- Demonstrate competency in the English language
- Have a GMAT score of at least 500
- Have at least three years work experience
- At least 10 points from at least two of the three categories - prior work experience, academic achievement and management aptitude