

2009 Course Summary Sheet

■ Master of Information Technology (Advanced) (IT48)

Available to Continuing Students Only

This document will assist you with the selection of your study program and completion of your enrolment. Other useful information can be found on the Student Services website studentservices.qut.com/, which can also be accessed via the Online Enrolment portlet.

Location: Gardens Point campus

Course Duration: 4 semesters full-time, 8 semesters part-time

Total Credit Points: 192

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Dr Ernest Foo (fit.enquiry@qut.edu.au), Level 5, S Block (Gardens Point), Phone 07 3138 2782

Important note: please ensure you select the correct teaching period, class and location code for all units you are enrolled in. All units in this course have three contact hours a week, are 12 credit points, have a Location of Gardens Point and a Class of Internal.

Course Requirements

Students who commenced Semester 2, 2006 or later

To graduate from the Master of Information Technology (Advanced), students are required to complete 16 units (192 credit points), consisting of:

- 1 x Compulsory Unit – ITN272 IT Project Management
- A minimum of 7 x Advanced Level 1 Units (including ITN272 IT Project Management)
- A minimum of 1 x Advanced Level 2 Units
- A maximum of 3 x Postgraduate level Elective Units selected from outside the Faculty, in consultation with the Course Coordinator

To exit the Masters course with a IT35 Graduate Diploma in Information Technology, students are required to have completed 8 units (96 credit points), consisting of:

- 1 x Compulsory Unit – ITN272 IT Project Management
- A minimum of 5 x Advanced Level 1 Units (including ITN272 IT Project Management)
- A minimum of 1 x Advanced Level 2 Units

To exit the Masters course with a specific Graduate Certificate in Information Technology, students are required to have completed 4 designated units (48 credit points).

- IT89 Graduate Certificate in Information Technology (Wireless Games Technology)
- IT90 Graduate Certificate in Information Technology (Computer Networks)
- IT92 Graduate Certificate in Information Technology (Information Security)
- IT93 Graduate Certificate in Information Technology (Enterprise Wide Software)
- IT94 Graduate Certificate in Information Technology (Electronic Commerce)
- IT95 Graduate Certificate in Information Technology (Project)
- IT96 Graduate Certificate in Information Technology (Information Technology Management)
- IT98 Graduate Certificate in Information Technology (Multimedia)
- IT99 Graduate Certificate in Information Technology (Component Software and Web Services)

Students who commenced prior to Semester 2, 2006

To graduate from the Master of Information Technology (Advanced), students are required to complete 16 units (192 credit points), consisting of:

- A minimum of 7 x Advanced Level 1 Units
- A minimum of 1 x Advanced Level 2 Units
- A maximum of 4 x Postgraduate level Elective Units selected from outside the Faculty, in consultation with the Course Coordinator

To exit the Masters course with a IT35 Graduate Diploma in Information Technology, students are required to have completed 8 units (96 credit points), consisting of:

- A minimum of 5 x Advanced Level 1 Units
- A minimum of 1 x Advanced Level 2 Units

To exit the Masters course with a specific Graduate Certificate in Information Technology, students are required to have completed 4 designated units (48 credit points).

- IT89 Graduate Certificate in Information Technology (Wireless Games Technology)
- IT90 Graduate Certificate in Information Technology (Computer Networks)
- IT92 Graduate Certificate in Information Technology (Information Security)
- IT93 Graduate Certificate in Information Technology (Enterprise Wide Software)
- IT94 Graduate Certificate in Information Technology (Electronic Commerce)
- IT95 Graduate Certificate in Information Technology (Project)
- IT96 Graduate Certificate in Information Technology (Information Technology Management)
- IT98 Graduate Certificate in Information Technology (Multimedia)
- IT99 Graduate Certificate in Information Technology (Component Software and Web Services)

Unit Selection Process

- **Step 1:** Determine which units you are yet to complete
- **Step 2:** Check that you meet the prerequisite requirements for these units*
- **Step 3:** Check the availability of the unit in the given semester
- **Step 4:** Enrol in the appropriate units

NOTE: It is the student's responsibility to ensure that the correct enrolment program is nominated and prerequisite requirements are met for selected units. Assistance with planning your enrolment is available from Student Services, Level 5, S Block, Gardens Point campus.

*If you have not completed the specified pre-requisite units, check the unit outline https://qutvirtual.qut.edu.au/portal/pls/portal/unout_search_p.show to evaluate your skills and knowledge against the unit objectives.

Moving Between Courses

Students in the Masters course (IT48) wishing to exit with the Graduate Diploma (IT35) are required to submit an **Application to Graduate Early with an Approved Exit Course (SRX) Form**. Students who commenced in the Masters course (IT40) or Graduate Diploma (IT35) and wish to apply for the Graduate Certificate/s (IT89, IT90, IT92, IT93, IT94, IT95, IT96, IT98, IT99), should contact Student Services, Level 5, S Block, Gardens Point. **These forms must be submitted by Week 13 in the semester you expect to meet the requirements for either the Graduate Diploma or Graduate Certificate. International students** wishing to change courses should consult International Student Business Services.

Course Structure

Units in this course normally have three (3) contact hours per week and are 12 credit points.

Please note: All units specifying “Nil” prerequisite study assume adequate foundation IT study, ie, IT35/40/48 course entry prerequisite knowledge and skills.

[CODES for Semester Availability: 1= Semester 1, 2= Semester 2, D=Day, E=Evening, X=timetabled between 4pm-7pm]

UNITS ARE OFFERED SUBJECT TO FINAL APPROVAL

Compulsory Unit*

Unit Code	Unit Title	Semester Offering
INN500	IT Project Management	1,2

* Only for students who commenced Semester 2, 2006 or later

Advanced Level 1 Units

Unit Code	Unit Title	Semester Offering
INN181	Games Production	2
INN272	Interaction Design	2
INN280	Fundamentals of Game Design	2
INN281	Advanced Game Design	1
INN312	Enterprise Systems Applications	1
INN313	Electronic Commerce Site Development	2
INN321	Business Process Management	1
INN322	Information Systems Consulting	1
INN342	Enterprise Data Mining and Data Analysis	2
INN352	Network Planning	2
INN353	Wireless & Mobile Networks	1
INN365	Systems Programming	2
INN370	Software Development	1
INN371	Data Structures and Algorithms	1
INN373	Web Application Development	1
INN374	Enterprise Software Architecture	2
INN381	Modelling and Animation Techniques	1
INN385	Multimedia Systems	1
INN500	IT Project Management	1,2
INS040	Professional Experience (Postgraduate)	1,2

* This unit is incompatible with (INS010). Please contact Student Services, Level 5, S Block, GP for further information.

Subject to final approval

Advanced Level 2 Units

Unit Code	Unit Title	Semester Offering
INN382	Real Time Rendering Techniques	2
INN386	Advanced Multimedia Systems	2
INN550	Computer Forensics	1
INN570	Internationalisation of Software	2
INN600	Advanced Readings 1	1,2
INN601	Advanced Readings 2	1,2
INN602	Advanced Readings 3	1,2
INN605	Advanced Research 1	1,2
INN606	Advanced Research 2	1,2
INN607	Advanced Research 3	1,2
INN610	Case Studies in Enterprise Systems	2
INN650	Advanced Network Management	1
INN652	Advanced Cryptology	2
INN700	Introduction to Research	1,2
INN701	Advanced Research Methodologies	1,2
Project – 48 credit points (See Project Units for codes)		All semesters

Project Units

Students in the Masters may complete a maximum of 48 credit points in project units. Students in the Graduate Diploma may complete a maximum of 24 credit points in project units. Advanced Level 1 project units are 12 and 24 credit points. Advanced Level 2 project units are 48 credit points.

Unit Code	Unit Title	Semester Offering
INN690	Minor Project 1	1,2
INN691	Minor Project 2	1,2
INN692	Minor Project 3	1,2
INN694-1	Project-1	1,2
INN694-2	Project-2	1,2
INN695	Major Project	1,2
INN696-1	Major Project-1	1,2
INN696-2	Major Project-2	1,2

Students seeking skills in a new IT specialisation can select units from the following list of Intermediate Level Units if they do not possess the requisite skills for study in a new IT specialisation. All Intermediate Level Units assume adequate foundation IT studies, ie, IT40/35 course entry prerequisite knowledge and skills.

Intermediate Level Units

Unit Code	Unit Title	Semester Offering
INN180	Computer Games Studies	1
INN221	Technology Management	1
INN255	Security	1
INN271	The Web	1,2
INN311	Enterprise Systems	2
INN330	Information Management	2
INN335	Information Resources	2
INN340	Database Design	1
INN341	Software Development with Oracle	2
INN350	Internet Protocols and Services	1
INN351	Unix Network Administration	2
INN355	Cryptology and Protocols	1
INN370	Software Development	1
INN372	Agile Software Development	2

GRADUATE CERTIFICATE IN INFORMATION TECHNOLOGY (WIRELESS GAMES TECHNOLOGY) (IT89)

Course Requirements

Unit Code	Unit Title	Semester Offering
INN272	Interaction Design	2
INN350	Internet Protocols and Services	1
INN353	Wireless & Mobile Networks	1
INN381	Modelling and Animation Techniques	1

GRADUATE CERTIFICATE IN INFORMATION TECHNOLOGY (COMPUTER NETWORKS) (IT90)

Course Requirements

Unit Code	Unit Title	Semester Offering
INN350	Internet Protocols and Services	1
INN351	Unix Network Administration	2
INN353	Wireless & Mobile Networks	1
INN650	Advanced Network Management	1

GRADUATE CERTIFICATE IN INFORMATION TECHNOLOGY (INFORMATION SECURITY) (IT92)#

Course Requirements

Unit Code	Unit Title	Semester Offering
INN255	Security	1
INN355	Cryptology and Protocols	1
INN652	Advanced Cryptology	2
INN690	Minor Project 1	1,2

If you commenced IT92 prior to 2004, please contact your Course Coordinator for further information.

GRADUATE CERTIFICATE IN INFORMATION TECHNOLOGY (ENTERPRISE WIDE SOFTWARE) (IT93)#**Course Requirements**

Unit Code	Unit Title	Semester Offering
INN311	Enterprise Systems	2
INN312	Enterprise Systems Applications	1
INN321	Business Process Management	1
INN610	Case Studies in Enterprise Systems	2

If you commenced IT93 prior to 2004, please contact your Course Coordinator for further information.

GRADUATE CERTIFICATE IN INFORMATION TECHNOLOGY (ELECTRONIC COMMERCE) (IT94)**Course Requirements**

Unit Code	Unit Title	Semester Offering
INN255	Security	1
INN271	The Web	1,2
INN313	Electronic Commerce Site Development	2
INN340	Database Design	1

GRADUATE CERTIFICATE IN INFORMATION TECHNOLOGY (PROJECT) (IT95)#**Course Requirements***

One unit (or unit set) to be selected from the following:

Unit Code	Unit Title	Semester Offering
INN695	Major Project	1,2
INN696-1	Major Project-1	1,2
INN696-2	Major Project-2	1,2

* Students will not normally be eligible to enrol in IT95 without having completed at least 48 credit points of Masters units (or equivalent).

GRADUATE CERTIFICATE IN INFORMATION TECHNOLOGY (INFORMATION TECHNOLOGY MANAGEMENT) (IT96)**Course Requirements**

Unit Code	Unit Title	Semester Offering
INN221	Technology Management	1
INN322	Information Systems Consulting	1
INN330	Information Management	2
INN500	IT Project Management	1,2

GRADUATE CERTIFICATE IN INFORMATION TECHNOLOGY (MULTIMEDIA) (IT98)

Course Requirements

Four units to be selected from the following:

Unit Code	Unit Title	Semester Offering
INN271	The Web	1,2
INN272	Interaction Design	2
INN385	Multimedia Systems	1
INN386	Advanced Multimedia Systems	2

GRADUATE CERTIFICATE IN INFORMATION TECHNOLOGY (COMPONENT SOFTWARE AND WEB SERVICES) (IT99)

Course Requirements

Four units to be selected from the following:

Unit Code	Unit Title	Semester Offering
INN370	Software Development	1
INN372	Agile Software Development	2
INN373	Web Application Development	1
INN374	Enterprise Software Architecture	2

Additional units are available as listed under the following course summary sheets:

IT53 Master of Business Process Management

IT70 Master of Information Management

Please click on the following link to check units against the Incompatibility/Translation table.

www.studentservices.qut.edu.au/pdfs/IT_pg_translation_table.pdf