

# 2009 Course Summary Sheet

## ■ Master of Information Technology (IT40)/ Graduate Diploma in Information Technology (IT35)

### Available to Continuing Students Only

- **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)**

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/](http://studentservices.qut.com/), which can also be accessed via the Online Enrolment port let.

**Location:** Gardens Point campus

**Course Duration:** IT40: 1.5 years full-time, 3 years part-time

**Total Credit Points:** 144

**Standard Credit Points/Full-time Semester:** 48

**Course Coordinator:** Dr Ernest Foo ([fit.enquiry@qut.edu.au](mailto:fit.enquiry@qut.edu.au)), Room 509, S Block, Gardens Point, Telephone 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, students are required to complete 12 units, consisting of:

- 1 x Compulsory Unit – INN500 IT Project Management
- A minimum of 6 x Advanced Level 1 Units (including INN500)
- 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 Graduate Diploma in Information Technology, students are required to complete 8 units, consisting of:

- 1 x Compulsory Unit – INN500 IT Project Management
- A minimum of 5 x Advanced Level 1 Units (including INN500)

- 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 complete 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 Semester 1, 2004 and prior to Semester 2, 2006**

To graduate from the Master of Information Technology, students are required to complete 12 units, consisting of:

- A minimum of 6 x Advanced Level 1 Units
- A minimum of 1 x Advanced Level 2 Units

To exit the Masters course with a Graduate Diploma in Information Technology, students are required to have completed 8 units, 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)
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- IT98 Graduate Certificate in Information Technology (Multimedia)
- IT99 Graduate Certificate in Information Technology (Component Software and Web Services)

### **Students who commenced prior to Semester 1, 2004**

Please consult with the Course Coordinator.

### **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](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

**Domestic Students** currently enrolled in the Graduate Diploma in Information Technology (IT35) or the Graduate Certificate (IT89, IT90, IT92, IT93, IT94, IT95, IT96, IT98, IT99), are in nested program courses. Upon successful completion of your course, domestic students will be invited to continue with the next stage of the program in the following teaching period. An email will be sent you student email account inviting you continue. If you accept the option to articulate immediately, you will not be required to complete an application for academic credit as units and grades achieved in the lower award will be transferred to the new course.

Students in the Masters course (IT40) 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 see unit outlines for prerequisites.**

[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

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

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

Unit Code	Unit Title	Semester Availability
INN181	Games Production	2
INN272	Interaction Design	2
INN280	Fundamentals of Games Design	2
INN281	Advanced Games Design	1
INN312	Enterprise Systems Applications	1
INN313	E-Commerce Site Development	2
INN321	Business Process Management	1
INN322	IT Consulting	1
INN342	Enterprise Data Mining	2
INN352	Network Planning	2
INN353	Wireless and 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)*	
INS010	Cooperative Education Program	

Project – 12 credit points (See Project Units for codes)	All semesters
Project – 24 credit points (See Project Units for codes)	All semesters

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

<b>Unit Code</b>	<b>Unit Title</b>	<b>Semester Availability</b>
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

<b>Unit Code</b>	<b>Unit Title</b>	<b>Semester Availability</b>
INN690	Minor Project - 12cps	1,2
INN691	Minor Project - 12cps	1,2
INN692	Minor Project 1 - 12cps	1,2
INN694-1	Project-1 - 12 cps (Part 1)	1,2
INN694-2	Project-1 - 12 cps (Part 2)	1,2
INN695	Major Project - 24cps	1,2
INN696-1	Major Project - 24 cps	1,2
INN696-2	Major Project – 24 cps	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, i.e., IT40/35 course entry prerequisite knowledge and skills.

Unit Code	Unit Title	Semester Availability
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

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

IT53 Master of Business Process Management

IT70 Master of Information Management

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

##### **Course Requirements**

Unit Code	Unit Title	Level	Semester Availability
INN272	Interaction Design	Adv Lev 1	2
INN350	Internet Protocols and Services	Intermediate	1
INN353	Wireless and Mobile Networks	Adv Lev 1	1
INN381	Modelling and Animation Techniques	Adv Lev 1	1

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

##### **Course Requirements**

Unit Code	Unit Title	Level	Semester Availability
INN350	Internet Protocols and Services	Intermediate	1
INN351	Unix Network Administration	Intermediate	2
INN353	Wireless and Mobile Networks	Adv Lev 1	1
INN650	Advanced Network Management	Adv Lev 2	1

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

##### **Course Requirements**

Unit Code	Unit Title	Level	Semester Availability
INN255	Security	Intermediate	1
INN355	Cryptology and Protocols	Intermediate	1
INN652	Advanced Cryptology	Adv Lev 2	2
INN690	Minor Project 1	Adv Lev 1	1,2

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

Unit Code	Unit Title	Level	Semester Availability
INN311	Enterprise Systems	Intermediate	2
INN312	Enterprise Systems Applications	Adv Lev 1	1
INN321	Business Process Management	Adv Lev 1	1
INN610	Case Studies in Enterprise Systems	Adv Lev 2	2

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

Unit Code	Unit Title	Level	Semester Availability
INN255	Security	Intermediate	1
INN271	The Web	Intermediate	1, 2
INN313	E-Commerce Site Developments	Adv Lev 1	2
INN340	Database Design	Intermediate	1

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

One unit to be selected from the following:

Unit Code	Unit Title	Semester Availability
INN695	Major Project - 24cps	1,2
INN696-1	Major Project - 24cps	1,2
INN696-2	Major Project - 24 cps	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	Level	Semester Availability
INN221	Technology Management	Intermediate	1
INN322	Information Systems Consulting	Adv Lev 1	1
INN330	Information Management	Intermediate	2
INN500	IT Project Management	Adv Lev 1	1, 2

**GRADUATE CERTIFICATE IN INFORMATION TECHNOLOGY (MULTIMEDIA) (IT98)****Course Requirements**

Unit Code	Unit Title	Level	Semester Availability
INN271	The Web	Intermediate	1, 2
INN272	Interaction Design	Adv Lev 1	2
INN385	Multimedia Systems	Adv Lev 1	1
INN386	Advanced Multimedia Systems	Adv Lev 2	2

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

**Course Requirements**

<b>Unit Code</b>	<b>Unit Title</b>	<b>Level</b>	<b>Semester Availability</b>
INN370	Software Development	Adv Lev 1	1
INN372	Agile Software Development	Intermediate	2
INN373	Web Application Development	Adv Lev 1	1
INN374	Enterprise Software Architecture	Adv Lev 1	2

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](http://www.studentservices.qut.edu.au/pdfs/IT_pg_translation_table.pdf)