

2009 Course Summary Sheet

■ Master of Information Technology (IT43)

- Graduate Certificate in Information Technology (IT85)
- Graduate Diploma in Information Technology (IT37) (Exit-point 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 port let.

Location: Gardens Point campus

Course Duration: Three semesters – full time or six semesters – part time.

Total Credit Points: 144

Standard Credit Points/Full-time Semester: 48

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Course Entry Requirements

To be eligible for this Masters Coursework program, students must meet one of the following criteria:

- The Australian equivalent of a bachelor's degree in any discipline with a grade point average of at least 4.5 (on a 7-point scale)

OR

- Evidence of recognised prior higher learning in the field of Information and Information Technology (e.g. at least five years of relevant full-time work experience). Industry certification alone is not sufficient evidence.

Special entry requirements

Library and Information Science:

- A bachelor degree in any discipline **other** than library and information science with a grade 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
 - For further information, including details regarding the allocation of points, please see the table at: <http://www.bgsb.qut.edu.au/study/future/entryreq.jsp>

Domestic students

Domestic students who have completed an undergraduate degree (in any field) with a minimum grade point average (GPA) of at least 4.5 (on a 7-point scale) are eligible.

Non-IT graduates

Applicants **without** an undergraduate degree in Information Technology (or equivalent) are recommended to select 3 Basic Elective Units as their electives. These electives are to be taken at the beginning of their studies.

International Students

International students who have completed the Australian equivalent of a bachelor's degree (in any field) with a minimum grade point average (GPA) of at least 4.5 (on a 7-point scale) are eligible.

Applicants **without** an undergraduate degree in Information Technology (or equivalent) are recommended to select 3 Basic Elective Units as their electives. These electives are to be taken at the beginning of their studies.

English language requirements

In addition to the above academic entry requirements, international students must meet the following English language proficiency level for entry into the Faculty's postgraduate coursework courses:

- IELTS overall band score of 6.5 with no sub-band below 6.0, or equivalent.

International students who do not meet the English proficiency entry level, may be offered an alternate entry option if they demonstrate an English language proficiency level not lower than IELTS overall band score of 6.0 (no sub-band below 5.0).

Course Structure

The structure 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.

- *Core Units (Course Core)*
- *Major Units (Study Area A)*

The following majors (Study Areas A) will be offered in IT43:

- Software Architecture
- Network Management
- Enterprise Systems
- Games Production
- Games Design
- Security
- Library and Information Science
- Information Management
- Digital Environments
- Executive Information Practice
- No Major

The name of the relevant major (Study Area A) will appear on the graduation parchment with the exception of the default no major option where no Study Area A title will appear on the graduation parchment. Students are only able to select one Study Area A.

The Master of Information Technology with **No Major** is the default major for any IT43 student who completes without satisfying a particular major option. With multiple specialisations now emerging in IT, applicants with existing IT qualifications may wish to study advanced units in their own specialisation, and/or move into an entirely different study of IT. The no major option accommodates this by allowing the student to select units that either complement prior knowledge or extend that prior knowledge.

- *Elective Units (Complementary Studies)*

All courses allow the student to choose from ten majors. A student selecting a particular major will have that major reflected in an award qualifier that will appear on their degree parchment. Students may not graduate with more than one major. A further option in all courses is for the student to select units from **across** majors; where the student's choice of units does not comply with the requirements for any of the ten majors, but otherwise satisfies degree requirements, the graduating student's degree title will not carry an award qualifier.

Graduate Certificate in Information Technology (IT85)

Students are required to complete 48 credit points of units. This course may be taken over two semesters part-time. However if the timetable permits a student may complete this course full time in one semester.

Course Codes, Course Titles and Titles of Award:

- IT85 Graduate Certificate in Information Technology (Study Area)

Credit Points:

- IT85 Graduate Certificate in Information Technology (Study Area) = 48 cp

Part-time Duration:

- IT85 Graduate Certificate in Information Technology (Study Area) = Two semesters/1 year

Course completion rules

Students should meet the following requirements before they are able to complete the Graduate Certificate program:

- Students are required to complete 48 credit points of units.
- Students must complete the specific unit requirements: four units from a chosen major study area including INN500.

Graduate Diploma in Information Technology (IT37) (Exit-point only)

Course Codes, Course Titles and Titles of Award:

- IT37 Graduate Diploma in Information Technology (Study Area)

Credit Points:

- IT37 Graduate Diploma in Information Technology (Study Area) = 96 cp

Full-time Duration:

- IT37 Graduate Diploma in Information Technology (Study Area) = Two semesters/1 year

Course completion rules

Students should meet the following requirements before they are able to complete the Graduate Diploma program:

- Students are required to complete 96 credit points of units.
- Students are required to complete the specified core unit INN500.
- Students may complete the specific unit requirements for a major study area.
- Students may graduate with the No Major option.

Course Structure

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

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

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

Major Study Areas – 84 Credit Points

Student can choose one of the following Majors:

Either

Software Architecture Major		
All of the following units:		
Unit Code	Unit Title	Semester Offering
INN371	Data Structures and Algorithms	1
INN372	Agile Software Development	2
INN374	Enterprise Software Architecture	2
INN570	Internationalisation of Software	2
In addition, select three of the following:		
Unit Code	Unit Title	Semester Offering
INN271	The Web	1,2
INN313	Electronic Commerce Site Development	2
INN365	Systems Programming	2
INN373	Web Application Development	1
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
INN700	Introduction to Research	1,2

Or

Network Management Major

All of the following units:

Unit Code	Unit Title	Semester Offering
INN350	Internet Protocols and Services	1
INN351	Unix Network Administration	2
INN352	Network Planning	2
INN650	Advanced Network Management	1

In addition, select three of the following:

Unit Code	Unit Title	Semester Offering
INN255	Security	1
INN353	Wireless & Mobile Networks	1
INN355	Cryptology and Protocols	1
INN550	Computer Forensics	1
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
INN651	Security Technologies	2
INN652	Advanced Cryptology	2
INN700	Introduction to Research	1,2
INS450	CCNA 1 & 2 Network Fundamentals and Routing (CISCO Academy)	1,2
INS451	CCNA 3 & 4 LAN Switching (CISCO Academy)	1,2
INS452	CCNP 1: Building Scalable Internetworks (CISCO Academy)	1
INS453	CCNP 2: Building Multi Layered Switched Networks (CISCO Academy)	2
INS454	CCNP 3: Implementing Secure Converged Networks (CISCO Academy)	1
INS455	CCNP 4: Optimising Converged Networks (CISCO Academy)	2
INS456	VOIP-1	1
INS457	VOIP-2	2

Or

Enterprise Systems Major		
All of the following units:		
Unit Code	Unit Title	Semester Offering
INN311	Enterprise Systems	2
INN312	Enterprise Systems Applications	1
INN374	Enterprise Software Architecture	2
INN610	Case Studies in Enterprise Systems	2
In addition, select three of the following:		
Unit Code	Unit Title	Semester Offering
INN220	Business Analysis	1
INN321	Business Process Management	1
INN340	Database Design	1
INN341	Software Development with Oracle	2
INN342	Enterprise Data Mining and Data Analysis	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
INN700	Introduction to Research	1,2

Or

Games Production Major		
All of the following units:		
Unit Code	Unit Title	Semester Offering
INN180	Computer Games Studies	1
INN181	Games Production	2
INN600	Advanced Readings 1	1,2
INN601	Advanced Readings 2	1,2
In addition, select three of the following:		
Unit Code	Unit Title	Semester Offering
INN220	Business Analysis	1
INN311	Enterprise Systems	2
INN321	Business Process Management	1
INN330	Information Management	2
INN700	Introduction to Research	1,2

Or

Games Design Major		
All of the following units:		
Unit Code	Unit Title	Semester Offering
INN180	Computer Games Studies	1
INN272	Interaction Design	2
INN280	Fundamentals of Game Design	2
INN281	Advanced Game Design	1
In addition, select three of the following:		
Unit Code	Unit Title	Semester Offering
INN181	Games Production	2
INN385	Multimedia Systems	1
INN386	Advanced Multimedia Systems	2
INN600	Advanced Readings 1	1,2
INN601	Advanced Readings 2	1,2
INN700	Introduction to Research	1,2
KIB201	Interactive Writing	1
KIB202	Enabling Immersion	2

Or

Security Major		
All of the following units:		
Unit Code	Title	Semester Offering
INN255	Security	1
INN651	Security Technologies	2
In addition, select five of the following:		

Unit Code	Title	Semester Offering
INN355	Cryptology and Protocols	1
INN550	Computer Forensics	1
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
INN652	Advanced Cryptology	2
INN690	Minor Project 1	1,2
INN691	Minor Project 2	1,2
INN692	Minor Project 3	1,2
INN693	Project	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
INN700	Introduction to Research	1,2
AYN410	Business Law and Ethics	1,2
GSN440	Risk Management 1 + GSN444/445/459 - Special Topics	1
JSN106	Analytical Methods of Intelligence	2
JSN114	Cybercrime	1
LWN125	Electronic Commerce Law	1

Unit Code	Title	Semester Offering
LWN139	Privacy Law	1
MAN778	Applications of Discrete Mathematics	1
MGN423	Contemporary Strategic Analysis	1,2
MGN433	Managing High-Performance Organizations	1,2
MGN524	Special Topic in Management (Risk Management and Infrastructure Systems)	TBA

*Students who begin a multi-component unit set must complete the entire set.

Or

Library and Information Science Major		
Select all of the following units:		
Unit Code	Title	Semester Offering
INN330	Information Management	2
INN331	Management Issues for Information Professionals	1
INN332	Information Retrieval	1
INN333	Information Programs	1
INN530	Web Content Reliability	1
INN531	Information Services	2
INN532	Information Literacy Education	1
INN533	Information Organisation	2
*INN632-1	Professional Practice (2cp)	1,2
INN632-2	Professional Practice (2cp)	1,2
INN632-3	Professional Practice (2cp)	1,2
INN632-4	Professional Practice (2cp)	1,2
INN632-5	Professional Practice (2cp)	1,2
INN632-6	Professional Practice (2cp)	1,2

*Students who begin a multi-component unit set must complete the entire set.

Or

Information Management Major		
All of the following units:		
Unit Code	Title	Semester Offering
INN122	Organisational Databases	1
INN220	Business Analysis	1
INN255	Security	1
INN330	Information Management	2
INN335	Information Resources	2
In addition, select five of the following:		
Unit Code	Title	Semester Offering
INN334	Information Issues and Values	1
INN540	User Experience	2
INN700	Introduction to Research	1,2

Or

Digital Environments Major		
All of the following units:		
Unit Code	Title	Semester Offering
INN345	Devices in the Wild	1
INN346	Digital Organisations	2
INN347	Web 2.0	1
INN540	User Experience	2
INN690	Minor Project 1	1,2
KCP402	New Media Studies	2
In addition, select any (total of 12cp) postgraduate IT units not in the Basic Unit List.		

Or

Executive Information Practice Major		
All of the following units:		
Unit Code	Title	Semester Offering
INN334	Information Issues and Values	1
INN630	Evidence Based Practice	1,2
*INN631-1	Executive Coaching	1,2
INN631-2	Executive Coaching	1,2
INN631-3	Executive Coaching	1,2
INN631-4	Executive Coaching	1,2
INN631-5	Executive Coaching	1,2
INN631-6	Executive Coaching	1,2
INN690	Minor Project 1	1,2
In addition, select six of the following:		
Unit Code	Title	Semester Offering
INN700	Introduction to Research	1,2
GSN401	Managing in the Global Business Environment	1,2
GSN403	Understanding Data	1,2
GSN404	Financial Statement Analysis	1,2
GSN405	Strategic Management	1,2
GSN406	Human Resource Management Issues	1,2
GSN407	Business Communication	1,2
GSN408	Fundamentals of Marketing Management	1,2
GSN409	Organisational Behaviour 1	1,2
GSN410	Entrepreneurship	1,2
GSN412	Business Law 1	1,2
GSN413	Financial Management 1	1,2
GSN415	Understanding Leadership	1,2
GSN491	Economics in Business 1	1,2

*Students who begin a multi-component unit set must complete the entire set.

Or

No Major
Select one from: Any IT postgraduate unit starting INN5xx, INN6xx or INN7xx
In addition, select any 6 (total of 72cp) postgraduate IT units not in the Basic Unit List.

Elective Units:

All Majors have the same elective options (except, the *Game Production major: TBA).

Electives
Library and Information Science Major: Any two postgraduate units.
All other Majors: Any four postgraduate units.

Appendix:

Basic and Advanced Level Unit Lists:

Basic Unit List		
Unit Code	Title	Semester Offering
INN101	Impact of IT	1,2
INN120	Corporate Systems	1
INN122	Organisational Databases	1
INN123	Project Management Practice	2
INN124	Information Systems Development	2
INN210	Databases	2
INN220	Business Analysis	1
INN221	Technology Management	1
INN251	Networks	1,2
INN255	Security	1
INN270	Programming	1,2
INN271	The Web	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