

2009 Course Summary Sheet

▪ Bachelor of Information Technology (IT22) – 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 www.studentservices.qut.edu.au, which can also be accessed via the Online Enrolment portlet.

Location: Gardens Point campus

Course Duration: 3 years full-time, 6 years part-time

Total Credit Points: 288

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Mr Richard Thomas; Email fit.enquiry@qut.edu.au; Phone: 3138 2782

Level 5, Student Services, Gardens Point Campus.

As from Semester 1, 2009, this course is discontinued. Unit codes and some units are new and students should check translation tables for replacement units. If you require assistance with your enrolment program, please contact 3138 2782 for an appointment.

Course Structure

Block A: Faculty Core Studies

All students undertake ten core units over the duration of their course.

Block B: IT Major

Students who started their IT22 degree in 2008 must choose an IT Major consisting of six designated units from one of the following 4 Majors:

- Information Systems (ISY)
- Network Systems (NET)
- Software Architecture (SOA)
- Generic – No Major (XYZ)

Students who started their IT22 degree before 2008 must choose an IT Major consisting of six designated units from one of the following 13 Majors:

- Business Systems Engineering (BSE)
- Databases (DTB)
- Electronic Business (EBI)
- Games Technology (GAM)
- Information and Knowledge Management (ITK)
- Information Systems (ISY)
- Information Technology Management (IMG)
- Intelligent Systems (ITS)
- Interactive Media (IAM)
- Network Systems (NET)
- Security (SEC)
- Software Architecture (SOA)
- Web Services and Applications (WSA)

Block C: Complementary Studies

Students choose the composition of the third block of the course. The choice may include one from the following suggestions:

- A six unit set (which may be chosen from the IT Majors) and two electives, or
- An approved unit set (four units) available from the list of University Wide Unit Sets <http://www.courses.qut.edu.au/cgi-bin/WebObjects/Courses.woa/wa/selectFacultyFromMain?faculty=IT> and four electives, or
- Eight specified electives as approved by the Course Coordinator

Block A	Block B	Block C	TOTAL
Faculty Core Studies (10 units)	IT Majors (6 units)	Electives (Complementary Studies Area). Students choose the composition which may include: <ol style="list-style-type: none"> 1. A 6 unit set (which may be chosen from the IT Majors) and two electives, or 2. An approved unit set (4 units) and 4 electives, or 3. 8 specified electives as approved by the Course Coordinator 	
120 Credit Points	72 Credit Points	96 Credit Points	288 Credit Points

IT Elective Units

For a complete list of IT elective units, please refer to the below link

http://www.studentservices.qut.edu.au/pdfs/IT_elective_list.pdf

Cooperative Education Program

An optional one-year period of paid work experience is available to eligible full-time students. Students participating in this program enrol in INB300 Professional Practice in IT in the first semester of the program and in INB302 IT Capstone Project in the second semester of the program. The cooperative education program and its mentoring and assessment requirements make up the required contact and assessment components of both units. Eligibility criteria apply. International students are not eligible due to visa restrictions.

Part-time students who are working in a professional IT position may be able to use their current employment to meet the criteria for completing INB300 Professional Practice in IT, after completion of 168 credit points in the Bachelor of Information Technology, subject to meeting eligibility criteria. Further information about this option is available from Student Services, Level 5, S Block, Gardens Point campus or see the unit outline for INB300.

UNIT SELECTION PROCESS

- Determine which units you are yet to complete
- Check that you meet the prerequisite requirements for these units
- Check the availability of the unit in the given semester
- Enrol in the appropriate units and ensure you have nominated your major via your online enrolment page

Students wishing to undertake a standard part-time enrolment should enrol in 24 credit points per semester. Students wishing to undertake a standard full-time enrolment should enrol in 48 credit points per semester.

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.

Prerequisites and assumed knowledge requirements are available [here](#)

Limits on grades of 3: A new policy concerning grades of 3 comes into effect from 1 January 2009 (QUT MOPP C/9.2). With effect from this date grades of 3 will no longer be considered a conceded or low pass but will be classified as a fail grade. Any grades of 3 awarded prior to 1 January 2009 will retain the conceded pass status and will be counted for graduation purposes up to the maximum number of grades of 3 permitted for your course. Grades of 3 incurred in units that commence after 1 January 2009 will not count towards your degree. The maximum number of pre-2009 grades of 3 permitted for this course can be found [here](#).

NOTE: INFORMATION ON UNIT AVAILABILITY IS SUBJECT TO CHANGE

[CODES for Semester Availability: 1= Semester 1, 2= Semester 2. All IT units (INB unit codes) are held at Gardens Point GP]

FACULTY CORE STUDIES – BLOCK A

Old Unit Code	Old Unit Title	Replacement Unit Code	Replacement Unit Title	Semester Availability
ITB001	Problem Solving and Programming	INB104	Building IT Systems	1, 2
ITB002	IT Professional Studies	INB103	Industry Insights	1, 2
ITB003	Object Oriented Programming	INB270	Programming	1, 2
ITB004	Database Systems	INB210	Databases	2
ITB005	Systems Architecture	INB250	Computer Architectures and Systems	2
ITB006	Networks	INB251	Networks	1, 2
ITB007	Web Development	INB271	The Web	1, 2
ITB008	Modelling Analysis and Design		Intermediate Level Elective	1, 2
ITB009	Core Project Management	INB301	The Business of IT	1, 2
ITB010	Core Project Implementation	INB302	Capstone Project	1, 2

If you have completed a core unit you do not need to take the unit that replaces it. (e.g. If you have completed ITB001 you cannot take INB104.) If you have not yet completed a core unit you will need to complete the new unit that replaces it to complete your degree.

Intermediate Level Electives

If you have not completed ITB008 you will need to replace it with one of the following intermediate level elective units.

- INB120 Corporate Systems
- INB220 Business Analysis
- INB255 Security
- INB272 Interaction Design
- Or, an INB300 level unit as approved by the course coordinator.

FACULTY MAJOR STUDIES – BLOCK B

For Students who started their IT22 degree in 2008

Information Systems (ISY) Block B

Core (3 units)		
Unit Code	Unit Title	Semester Availability
INB220	Business Analysis	1
INB311	Enterprise Systems	2
INB340	Database Design	1
Electives (3 units)		
INB124	Information Systems Development	2
INB221	Technology Management	1
INB312	Enterprises Systems Applications	1
INB313	Electronic Commerce Site Development	2
INB320	Business Process Modelling	2
INB322	Information Systems Consulting	1
INB342	Enterprise Data Mining and Data Analysis	2

Network Systems (NET) Block B

Core (4 units)		
Unit Code	Unit Title	Semester Availability
INB255	Security	1
INB350	Internet Protocols & Services	1
INB351	Unix Network Administration	2
INB352	Network Planning	2
Electives (2 units)		

INB312	Enterprise Systems Applications	1
INB353	Wireless and Mobile Networks	1
INB355	Cryptology & Protocols	1
INB365	Systems Programming	2

Software Architecture (SOA) Block B

Core (3 units)		
Unit Code	Unit Title	Semester Availability
INB340	Database Design	1
INB371	Data Structures and Algorithms	1
INB372	Agile Software Development	2
Electives (3 units)		
INB272	Interaction Design	2
INB311	Enterprise Systems	2
INB312	Enterprise Systems Applications	1
INB313	Electronic Commerce Site Development	2
INB320	Business Process Modelling	2
INB322	Information Systems Consulting	1
INB341	Software Development with ORACLE	2
INB365	Systems Programming	2
INB370	Software Development	1
INB373	Web Applications Development	1
INB374	Enterprise Software Architecture	2
INB381	Modelling & Animation Techniques	1
INB382	Real Time Rendering Techniques	2
MAB281*	Mathematics for Computer Graphics	2

*Only to be used as pre-requisite for INB381

Prerequisites and assumed knowledge requirements are available [here](#)

Generic – No Major (XYZ) Block B

Students can choose any INB unit provided they have met the prerequisite. Students must take a minimum of four INB300 level units. Refer to the complete list of IT units http://www.studentservices.qut.edu.au/pdfs/IT_elective_list.pdf

Prerequisites and assumed knowledge requirements are available [here](#)

For Students who started their IT22 degree prior to 2008

BUSINESS SYSTEMS ENGINEERING MAJOR (BSE) – BLOCK B		
Gardens Point campus – 6 units required		
Core (4 units)		
Unit Code	Unit Title	Semester Availability
INB220	Business Analysis	1
INB311	Enterprise Systems	2
INB320	Business Process Modelling	2
INB335	Information Resources	2
Electives (2 units)		
INB306	Project 1	1, 2
INB312	Enterprises Systems Applications	1
INB321	Business Process Management	2
INB322	Information Systems Consulting	1
INB323	Smart Services	2
INB341	Software Development with ORACLE	2

DATABASES MAJOR (DTB) – BLOCK B

Gardens Point campus – 6 units required

Core (3 units)

Unit Code	Unit Title	Semester Availability
INB340	Database Design	1
INB341	Software Development with ORACLE	2
INB342	Enterprise Data Mining and Data Analysis	2

Electives (3 units)

INB306	Project 1	1, 2
INB311	Enterprise Systems	1
INB312	Enterprise Systems Applications	1
INB313	Electronic Commerce Site Development	2
INB320	Business Process Modelling	1
INB330	Information Management	2
INB335	Information Resources	2
INB343	Advanced Data Mining and Data Warehousing	2

ELECTRONIC BUSINESS MAJOR (EBI) – BLOCK B

Gardens Point campus – 6 units required

Unit Code	Unit Title	Semester Availability
BSB212	Electronic Business Applications	1
BSB213	Legal issues in E-Business	2
BSB314	E-Business Intelligence	1
INB312	Enterprise Systems Applications	1
INB313	Electronic Commerce Site Development	2
INB342	Enterprise Data Mining and Data Analysis	2

GAMES TECHNOLOGY MAJOR (GAM) – BLOCK B

Gardens Point campus – 6 units required

Unit Code	Unit Title	Semester Availability
INB304	Special Topic 3 – AI for Games	1
INB370	Software Development	1
INB371	Data Structures and Algorithms	1
INB381	Modelling & Animation Techniques	1
INB382	Real Time Rendering Techniques	2
MAB281	Mathematics for Computer Graphics	2

INFORMATION AND KNOWLEDGE MANAGEMENT MAJOR (ITK) – BLOCK B

If you are already enrolled in this major please contact the Course Coordinator for advice.

INFORMATION SYSTEMS MAJOR (ISY) – BLOCK B

Gardens Point campus – 6 units required

Core (3 units)		
Unit Code	Unit Title	Semester Availability
INB311	Enterprise Systems	2
INB313	Electronic Commerce Site Development	2
INB340	Database Design	1
Electives (3 units)		
INB306	Project 1	1, 2
INB312	Enterprises Systems Applications	1
INB322	Information Systems Consulting	1
INB335	Information Resources	2
INB341	Software Development with ORACLE	2

INFORMATION TECHNOLOGY MANAGEMENT MAJOR (IMG) – BLOCK B

Gardens Point campus – 6 units required:

Core (3 units)		
Unit Code	Unit Title	Semester Availability
INB221	Technology Management	1
INB322	Information Systems Consulting	1
INB335	Information Resources	2
Electives (3 units)		
INB124	Information Systems Development	2
INB220	Business Analysis	1
INB306	Project 1	1, 2
INB311	Enterprise Systems	2
INB341	Software Development with ORACLE	2

INTELLIGENT SYSTEMS MAJOR (ITS) – BLOCK B

Gardens Point campus – 6 units required

Unit Code	Unit Title	Semester Availability
INB335	Information Resources	2
INB342	Enterprise Data Mining and Data Analysis	2
INB371	Data Structures and Algorithms	1
INB860	Computational Intelligence for Control & Embedded Systems	1
	IT Elective	
	IT Elective	

INTERACTIVE MEDIA (IAM) – BLOCK B

Gardens Point campus – 6 units required

Core (5 units)		
Unit Code	Unit Title	Semester Availability
INB272	Interaction Design	2

INB385	Multimedia Systems	1
INB386	Advanced Multimedia Systems	2
KIB101*	Foundations of Communication Design 1	1
KIB102*	Foundations of Communication Design 2	2
Electives (1 unit)		
KIB103*	Media Technology 1	1
KIB105*	Animation and Motion Graphics	2
KIB108*	Animation Practices	1

* Only students enrolled in the IAM major may enroll in these units without the approval of the Creative Industries Faculty. These units are held at Kelvin Grove campus – class code to be KG

NETWORK SYSTEMS MAJOR (NET) – BLOCK B

Gardens Point campus – 6 units required

Unit Code	Unit Title	Semester Availability
INB350	Internet Protocols & Services	1
INB351	Unix Network Administration	2
INB352	Network Planning	2
INB353	Wireless & Mobile Networks	1
INB365	Systems Programming	2
	IT Elective	

SECURITY MAJOR (SEC) – BLOCK B

Gardens Point campus – 6 units required

Unit Code	Unit Title	Semester Availability
INB255	Security	1
INB350	Internet Protocols & Services	1
INB351	Unix Network Administration	2
INB355	Cryptology & Protocols	1
	IT elective	
	IT elective	

SOFTWARE ARCHITECTURE MAJOR (SOA) – BLOCK B

Gardens Point campus – 6 units required

Unit Code	Unit Title	Semester Availability
INB340	Database Design	1
INB370	Software Development	1
INB371	Data Structures and Algorithms	1
INB372	Agile Software Development	2
INB374	Enterprise Software Architecture	2
	IT Elective	

WEB SERVICES AND APPLICATIONS MAJOR (WSA) – BLOCK B

Gardens Point campus – 6 units required

Unit Code	Unit Title	Semester Availability
INB272	Interaction Design	2
INB313	Electronic Commerce Site Development	2
INB373	Web Application Development	1
INB374	Enterprise Software Architecture	2
Choose 1 of the following		
INB255	Security	1
INB350	Internet Protocols and Services	1
INB370	Software Development	1
INB371	Data Structures and Algorithms	1
INB372	Agile Software Development	2
Electives (1units)		
	IT Elective	

IT Elective Units

http://www.studentservices.qut.edu.au/pdfs/IT_elective_list.pdf

COMPLEMENTARY STUDIES – BLOCK C

Students choose the composition of the third block of the course from the following:

- A six unit set¹ (which may be chosen from the IT Majors) and two electives, or
- An approved four unit set² and four electives, or
- Eight specified Complementary Studies Electives

In selecting Block C Complementary Studies Electives³, students may choose (subject to pre-requisite constraints):

- Units from other Bachelor of Information Technology majors; and/or
- Units from any degree-level course offered at QUT; and/or
- Industry Certification courses (eg. Cisco Certified Network Professional (CCNP), Microsoft Certified Solution Developer (MCSD) etc.) up to a limit of 48 credit points in Block C units as specified⁴. Students wishing to pursue this option should discuss this with the Course Coordinator; and/or
- With the approval of the Course Coordinator, units from any degree-level or equivalent tertiary-level course offered at other tertiary-level institutions.

¹ Students who choose a six unit set which has overlapping units with their major, must substitute those units with IT elective units.

² A list of unit sets available from other Faculties is available from <http://www.courses.qut.edu.au/cgi-bin/WebObjects/Courses.woa/wa/selectFacultyFromMain?faculty=IT>

³ Students will NOT be permitted to enrol in any of the following units as Block C Complementary Studies:

INB830 Web Sites for Electronic Commerce
 INB870 Introduction to Technical Computing
 MAB105 Preparatory Mathematics

⁴ Conditions apply

COURSE NOTES:

Unit Incompatibility/Translation Information

Details on the translation and incompatibility of old and new units is located at the below link

http://www.studentservices.qut.edu.au/pdfs/IT_ug_translation_table.pdf

If you have completed the unit(s) listed under the “Translation Unit Codes” column you are not permitted to enrol in the listed new code.