

2009 Course Summary Sheet

■ Bachelor of Information Technology (IT21) 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 and Carseldine 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: (fit.enquiry@qut.edu.au), Level 5, Student Services, Gardens Point, Phone: 3138 2782

As from Semester 1, 2006, this course was discontinued. Some unit codes and 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.

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 a class of Internal. All units in this course are 12 credit points and normally have three contact hours per week.

Course Structure

The course is divided into THREE blocks:

Block 1: Common First Year

All students undertake a Common First Year: the first year full-time or first two years part-time of the course. This block is worth 96 credit points.

Block 2: Major

At the end of the Common First Year, students choose a major area of study. Four single majors and three integrated majors are available. The Major extends over the second and third years of the course for full-time students, and the third to sixth years for part-time students. Students select one of the following

Majors:

- Data Communications (DAT)
- Electronic Commerce (ELC)
- Emerging Technologies (EMT)
- Information Systems (ISS)
- Software Engineering (SOF)
- Data Communications/Information Systems (DCI)
- Data Communications/Software Engineering (CDC)

Block 3: General Electives

Students choose the composition of the third block of the course, which extends over the later years of the course and is worth:

- 48 credit points for majors: DAT, SOF, ELC, and ISS; **OR**
- 24 credit points for majors: EMT, DCI and CDC

Students are encouraged to consider selecting units from outside the Faculty in order to broaden their range of skills.

Course Structure:

Year 1	Block 1: Common First Year - for all Majors - (96 credit pts)			
MAJORS:	DAT, ELC, SOF, ISS		EMT, DCI, CDC	
Year 2 and Year 3	Block 2: Major (144 credit pts)	Block 3: Electives (48 credit pts)	Block 2: Major (168 credit pts)	Block 3: Electives (24 credit pts)

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](#).

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 in First Year or in your chosen major 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

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 or the Faculty Enquiry Counter, R Block, Carseldine campus.

If you require assistance in selecting a major, the following major coordinators may be consulted:

NOTE: INFORMATION ON UNIT AVAILABILITY IS SUBJECT TO CHANGE

[CODES for Semester Availability: 1= Semester 1, 2= Semester 2,]

IT Elective Units

For a complete list of IT elective units, please refer to the below link
www.studentservices.qut.edu.au/pdfs/IT_elective_list.pdf

Unit Incompatibility/Translation Information

Details on the translation and incompatibility of old and new units is located at the below link
www.studentservices.qut.edu.au/pdfs/IT Ug translation table.pdf

BLOCK 1 - Common First Year

Gardens Point campus

Unit Code	Unit Title	Pre-requisite/s	Semester Availability
INB104	Building IT Systems	Nil	1,2
INB103	Industry Insights	Nil	1,2
INB270	Programming	INB104	1,2
INB210	Database	Nil	2
INB250	Computer Architectures and Systems	Nil	2
INB251	Networks	Nil	1,2
Int Elective	Intermediate Level Elective	As required	1,2
IT Elective	IT Elective	As required	-

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.

DATA COMMUNICATIONS MAJOR (DAT) – BLOCK 2

Gardens Point campus (12 units required)

5 Compulsory Units

Unit Code	Unit Title	Pre-requisite/s	Semester Availability
INB350	Internet Protocols & Services	INB251	1
INB351	Unix Network Administration	INB251	2
INB352	Network Planning	INB350	2
INB353	Wireless & Mobile Networks	INB350	1
INB255	Security		1

DATA COMMUNICATIONS ELECTIVES (DAT)

7 units to be selected from the IT Elective List

PLEASE NOTE

Data Communications major students who complete the Cooperative Education Program will substitute ITS010 for a DAT Elective.

ELECTRONIC COMMERCE MAJOR (ELC) – BLOCK 2

Gardens Point campus (12 units required)

7 Compulsory Units

Unit Code	Unit Title	Pre-requisite/s	Semester Availability
BSB213	Governance Issues in E-Business	See Unit Outline	2
INB271	The Web	INB104	1, 2
INB311	Enterprise Systems	INB103	2
INB340	Database Design	INB210	1
INB313	Electronic Commerce Site Development	INB271	2
INB350	Internet Protocols & Services	INB251	1
INB255	Security		1

ELECTRONIC COMMERCE ELECTIVES (ELC)

5 units to be selected from the IT Elective List

PLEASE NOTE: Electronic Commerce major students who complete the Cooperative Education Program will substitute ITS010 for an ELC Elective

EMERGING TECHNOLOGIES (EMT) – BLOCK 2

Gardens Point campus (12 units required)

4 Compulsory Units

Unit Code	Unit Title	Pre-requisite/s	Semester Availability
INB372	Agile Software Development	INB370	2
INB301	The Business of IT	48 cps from a Major	1, 2
MGB218	Venture Skills	Nil	2
MGB223	Creating New Enterprises	Nil	1

EMERGING TECHNOLOGIES ELECTIVES (EMT)

8 units to be selected from the IT Elective List

PLEASE NOTE:

Emerging Technologies major students who complete the Cooperative Education Program will substitute ITS010 for an EMT Elective.

IT Elective Units

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

Unit Incompatibility/Translation Information

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

INFORMATION SYSTEMS MAJOR (ISS) – BLOCK 2

Gardens Point campus (12 units required)

4 Compulsory Units

Unit Code	Unit Title	Pre-requisite/s	Semester Availability
INB271	The Web	INB104	1, 2
INB301	The Business of IT	48 cps from a Major	1, 2
INB311	Enterprise Systems	INB103	2
INB340	Database Design	INB210	1

INFORMATION SYSTEMS ELECTIVES (ISS)

8 units to be selected from the IT Elective List

SOFTWARE ENGINEERING MAJOR (SOF) – BLOCK 2

Gardens Point campus (12 units required)

5 Compulsory Units

Unit Code	Unit Title	Pre-requisite/s	Semester Availability
INB301	Business of IT	48 cps from a Major	1, 2
INB370	Software Development	INB270	1
INB371	Data Structures & Algorithms	INB270	1
INB372	Agile Software Development	INB370	2
INB350	Internet Protocols & Services	INB251	1, 2

SOFTWARE ENGINEERING ELECTIVES (SOF)

7 units to be selected from the IT Elective List

PLEASE NOTE:

Software Engineering major students who complete the Cooperative Education Program will substitute ITS010 for an SOF Elective.

IT Elective Units

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

Unit Incompatibility/Translation Information

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DATA COMMUNICATIONS & INFORMATION SYSTEMS (DCI) BLOCK 2

Gardens Point campus (12 units required)

7 Compulsory Units

Unit Code	Unit Title	Pre-requisite/s	Semester Availability
INB271	The Web	INB104	1, 2
INB311	Enterprise Systems	INB103	2
INB340	Database Design	INB210	1
INB350	Internet Protocols & Services	INB251	1
INB351	Unix Network Administration	INB251	2
INB353	Wireless & Mobile Networks	INB350	1
INB255	Security		1

DCI ELECTIVES

5 units to be selected from IT Elective List

PLEASE NOTE:

Integrated major students who complete the Cooperative Education Program will substitute ITS010 for a DCI Elective unit.

DATA COMMUNICATIONS & SOFTWARE ENGINEERING (CDC) – BLOCK 2

Gardens Point campus (14 units required)

CORE UNITS

8 Compulsory Units

Unit Code	Unit Title	Pre-requisite/s	Semester Availability
INB301	Business of IT	48 cps from a Major	1, 2
INB370	Software Development	INB270	1
INB371	Data Structures & Algorithms	INB270	1
INB372	Agile Software Development	INB370	2
INB350	Internet Protocols & Services	INB251	1, 2
INB351	Unix Network Administration	INB251	2
INB353	Wireless & Mobile Networks	INB350	1
INB255	Security		1, 2

CDC ELECTIVES

4 units to be selected from IT Elective List

IT Elective Units

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Unit Incompatibility/Translation Information

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BLOCK 3: GENERAL ELECTIVES

For Majors: DAT, ELC, ISS, or SOF: 48 credit points (four units) required

For Majors: CDC, DCI, or EMT: 24 credit points (two units) required

In selecting Block 3 Electives*, students may choose (subject to pre-requisite constraints):

- Units from other BIT 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 the limit of credit points for Block 3 units as specified for individual majors#. Students wishing to pursue this option should discuss this with the Course Coordinator (Ms Ruth Christie); and/or
- Units from University-wide unit sets <http://www.courses.qut.edu.au/cgi-bin/WebObjects/Courses.woa/wa/selectFacultyFromMain?faculty=IT> (scroll to end of page); 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.

Students interested in developing their entrepreneurial skills or in the commercialisation of their IT ideas, should consider taking one of the following two units developed in conjunction with the Faculty of Business:

Unit Code	Unit Title	Credit Points	Prerequisite(s)	Semester Availability
MGB218	Venture Skills	12	Nil	2
MGB223	Creating New Enterprises	12	96cps of study	1

Conditions apply

*** NOTE: Students will NOT be permitted to enrol in any of the following units offered by the Faculty of Information Technology as Block 3 Electives**

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

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.