

# 2009 Course Summary Sheet

## ▪ Bachelor of Information Technology (IT23)

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](http://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](mailto:fit.enquiry@qut.edu.au); Phone: 3138 2782

Level 5, Student Services, Gardens Point Campus.

### **Block A: Faculty Core Studies**

Students undertake eight (8) core units such that full-time students take the four core units (INB101, INB102, INB103 and INB104) in the first semester of their first year and part-time students take these four core units over two semesters in their first year.

### **Block B: Breadth Options**

Students can choose four (4) units from the Breadth option list. These units provide a range of units across different IT fields so that students can broaden their knowledge.

### **Block C: Complimentary Studies – Specialist Options**

Students choose a unit composition for the third block of the course that may specialize on an IT field. Please see the Complimentary Studies list for a list of specialization suggestions.

### **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](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 one can 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](#)

**NOTE: INFORMATION ON UNIT AVAILABILITY IS SUBJECT TO CHANGE**

[CODES for Semester Availability: 1= Semester 1, 2= Semester 2 All IT units are held at Gardens Point GP and the KI units are Kelvin Grove KG]

**FACULTY CORE STUDIES**

**Full Time Course Structure**

Unit Code	Unit Title/Component	Credit Points
<b>Year 1, Semester 1</b>		
INB101	Impact of IT	12
INB102	Emerging Technology	12
INB103	Industry Insights	12
INB104	Building IT Systems	12
<b>Year 1, Semester 2</b>		
	Breadth Option	12
	Breadth Option	12
	Breadth Option	12
	Complementary Studies Unit (Elective)	12
<b>Year 2, Semester 1</b>		
INB201	Scalable Systems Development	12
	Breadth Option	12
	Specialist Option	12
	Complementary Studies Unit (Elective)	12
<b>Year 2, Semester 2</b>		
	Specialist Option	12
	Complementary Studies Unit (Elective)	12
	Complementary Studies Unit (Elective)	12
	Complementary Studies Unit (Elective)	12
<b>Year 3, Semester 1</b>		
INB300	Work Integrated Learning	12
INB301	The Business of IT	12
	Specialist Option	12
	Complementary Studies Unit (Elective)	12
<b>Year 3, Semester 2</b>		
INB302	Capstone Project	12
	Specialist Option	12
	Complementary Studies Unit (Elective)	12
	Complementary Studies Unit (Elective)	12

## Proposed Part Time Course Structure

Unit Code	Unit Title/Component	Credit Points
<b>Year 1, Semester 1</b>		
INB101	Impact of IT	12
INB102	Emerging Technology	12
<b>Year 1, Semester 2</b>		
INB103	Industry Insights	12
INB104	Building IT Systems	12
<b>Year 2, Semester 1</b>		
	Breadth Option	12
	Breadth Option	12
<b>Year 2, Semester 2</b>		
	Breadth Option	12
	Breadth Option	12
<b>Year 3, Semester 1</b>		
INB201	Scalable Systems Development	12
	Complementary Studies Unit (Elective)	12
<b>Year 3, Semester 2</b>		
	Specialist Option	12
	Complementary Studies Unit (Elective)	12
<b>Year 4, Semester 1</b>		
	Specialist Option	12
	Complementary Studies Unit (Elective)	12
<b>Year 4, Semester 2</b>		
	Specialist Option	12
	Complementary Studies Unit (Elective)	12
<b>Year 5, Semester 1</b>		
	Specialist Option	12
	Complementary Studies Unit (Elective)	12
<b>Year 5, Semester 2</b>		
INB300	Work Integrated Learning	12
	Complementary Studies Unit (Elective)	12
<b>Year 6, Semester 1</b>		
INB301	The Business of IT	12
	Complementary Studies Unit (Elective)	12
<b>Year 6, Semester 2</b>		
INB302	Capstone Project	12
	Complementary Studies Unit (Elective)	12

## BREADTH OPTIONS

- 48 credit points of Breadth Option Units, chosen from the following units:
  - INB120 Corporate Systems
  - INB210 Databases
  - INB220 Business Analysis
  - INB250 Computer Architecture and Systems
  - INB251 Networks
  - INB255 Security
  - INB270 Programming
  - INB271 The Web
  - INB272 Interaction Design

AND

- 48 credit points of Specialisation Option Units, chosen from the following list:
  - INB3xx to INB3xx
  - INB123 Project Management Practice
  - INB204 Special Topic 1
  - INB205 Special Topic 2
  - INB221 Technology Management
  - INB860 Computational Intelligence for Control and Embedded Systems

## COMPLIMENTARY STUDIES – SPECIALIST OPTIONS

IT23 will not have nominated majors and minors and consequently there will not be a Study Area shown on a graduate's parchment. Students will be given guidance on how to choose coherent sets of units in specialisation areas. This information can be found on Studyfinder, Blackboard, and the Faculty web site. The specialisation areas that will be available for students will include:

- Business Process Management
- Data Warehousing
- Digital Societies
- Enterprise Systems
- Information Management
- Network Systems
- Software Engineering
- Web Technologies

The units that will be suggested in each of these specialisation areas are as follows.

Business Process Management

- INB320 Business Process Modelling
- INB321 Business Process Management
- INB322 Information Systems Consulting
- INB323 Smart Services

Data Warehousing

- INB340 Database Design
- INB341 Software Development with Oracle
- INB342 Enterprise Data Mining and Data Analysis
- INB343 Advanced Data Mining and Data Warehousing (Not offered in 2009)

Digital Communities

- INB345 Mobile Devices
- INB346 Digital Organisations
- INB347 Web 2.0
- INB334 Information Issues and Values

Enterprise Systems

- INB123 Project Management Practice
- INB221 Technology Management
- INB311 Enterprise Systems
- INB312 Enterprise Systems Applications

#### Information Management

- INB330 Information Management
- INB331 Management Issues for Information Professionals
- INB332 Information Retrieval
- INB333 Information Programs
- INB334 Information Issues and Values
- INB335 Information Resources

#### Network Systems

- INB350 Internet Protocols and Services
- INB351 Unix Network Administration
- INB352 Network Planning
- INB353 Wireless and Mobile Networks

#### Software Engineering

- INB370 Software Development
- INB371 Data Structures and Algorithms
- INB372 Agile Software Development
- INB374 Enterprise Software Architecture

#### Web Technologies

- INB313 Electronic Commerce Site Development
- INB373 Web Application Development
- INB374 Enterprise Software Architecture
- INB385 Multimedia Systems
- INB386 Advanced Multimedia Systems

There are other units that will be available to students as INB300 level units that they can take to meet the requirements for their specialisation or as complementary studies. These units are:

- INB204 Special Topic 1
- INB205 Special Topic 2
- INB304 Special Topic 3
- INB305 Special Topic 4
- INB306 Project 1
- INB307 Project 2
- INB308 Project 3
- INB309-1 Major Project (24 credit points over 1 or 2 semesters)
- INB309-2 Major Project (24 credit points over 1 or 2 semesters)
- INB355 Cryptology and Protocols
- INB365 Systems Programming
- INB860 Computational Intelligence for Control and Embedded Systems

## COMPLEMENTARY STUDIES

- A maximum of 96 credit points of Complementary Studies. These units can be chosen from:
  - the lists of breadth and specialisation units
  - other units offered by the Faculty of Information Technology
  - undergraduate units offered by other QUT faculties (with minor exceptions)
  - University Wide Unit Sets will be offered and will appear as Study Area B on the transcript