Master of Business Process Management (IT53)

Year offered: 2010
Admissions: Yes
CRICOS code: 062622A
Course duration (full-time): 1.5 years
Course duration (part-time): 3 years
Domestic fees (indicative): 2010: Full fee tuition $7,750 (indicative) per semester
International Fees (indicative): 2010: $10,750 (indicative) per semester
Domestic Entry: February, July
International Entry: February, July
Total credit points: 144
Standard credit points per full-time semester: 48
Standard credit points per part-time semester: 24
Course coordinator: Dr Taizan Chan
Campus: Gardens Point

Course Overview
The Master of Business Process Management will provide graduates with the skills and knowledge to create and align information systems to effectively support business and enable business strategy.

The program examines business-IT alignment issues through appropriate theory and skill development, and provides career enhancement opportunities into senior management and governance roles.

Students may undertake study in the areas of corporate systems and business process management, IT professional services (including project management and IT consulting), enterprise architecture and systems, and information and knowledge management within business processes.

Entry Requirements
A bachelor degree with a grade point average of at least 4.5 (on a 7-point scale) AND demonstrated competence in the basic skills and concepts of personal or office computer usage.

Course Structure
Students may be eligible to receive a Graduate Certificate in Business Process Management after completing 48 credit points (4 units) consisting of the four specified units.

Students may also be eligible to receive a Graduate Certificate in Corporate Systems Management after completing 48 credit points (4 units) consisting of the four specified units.

Unit Incompatibility/Translation Information
Details on the translation and incompatibility of old and new units is located here:
Postgraduate Translation Table
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

Further Information
For further information about this course, please contact:
Dr Taizan Chan
Phone: +61 7 3138 2782
Email: enquiry.scitech@qut.edu.au

Master of Business Process Management

Non-IT graduates Basic Units 4 only
INN120  Corporate Systems
INN101  Impact of IT
INN122  Organisational Databases
INN500  PRINCE2 (R) Project Management
INN124  Information Systems Development
INN220  Business Analysis
INN221  Technology Management

IT graduates Gateway Units 4 only
INN700  Introduction To Research
INN311  Enterprise Systems
INN340  Database Design
INN312  Enterprise Systems Applications
INN221  Technology Management
INN322  Information Systems Consulting
INN330  Information Management
INN500  PRINCE2 (R) Project Management

Block B Core Units 4 Minimum
INN323  Smart Services
INN610  Case Studies in Enterprise Systems
INN331  Management Issues for Information Professionals
INN321  Business Process Management
INN320  Business Process Modelling
INN690  Minor Project 1
### Block C Elective Units 24cp Minimum
- 12 cp FIT industry or research project
- 24 cp FIT industry or research project
- 48 cp FIT industry or research project
- 12 cp QUT post-graduate elective units

### Grad Cert Business Process Management IT61 exit point only
- INN311 Enterprise Systems
- INN610 Case Studies in Enterprise Systems
- INN321 Business Process Management
- INN320 Business Process Modelling

### Grad Cert Corporate Systems Management IT62 exit point only
- INN331 Management Issues for Information Professionals
- INN690 Minor Project 1
- AND Students must choose 2 of the following units:
  - INN120 Corporate Systems
  - INN101 Impact of IT
  - INN122 Organisational Databases
  - INN500 PRINCE2 (R) Project Management
  - INN124 Information Systems Development
  - INN220 Business Analysis
  - INN221 Technology Management

### Master of Business Process Management (2009)

#### IT graduates Gateway Units 4 only
- INN700 Introduction To Research
- INN311 Enterprise Systems
- INN340 Database Design
- INN312 Enterprise Systems Applications
- INN221 Technology Management
- INN322 Information Systems Consulting
- INN330 Information Management
- INN500 IT Project Management

#### Non-IT graduates Basic Units 4 only
- INN120 Corporate Systems
- INN101 Impact of IT
- INN122 Organisational Databases

### Block B Core Units 4 Minimum
- INN323 Smart Services
- INN610 Case Studies in Enterprise Systems
- INN331 Management Issues for Information Professionals
- INN321 Business Process Management
- INN320 Business Process Modelling
- Project Unit (Unit code yet to be finalised)

### Block C Elective Units 24cp Minimum
- 12 cp FIT industry or research project
- 24 cp FIT industry or research project
- 48 cp FIT industry or research project
- 12 cp QUT post-graduate elective units

### Grad Cert Business Process Management IT61 exit point only
- INN311 Enterprise Systems
- INN610 Case Studies in Enterprise Systems
- INN321 Business Process Management
- INN320 Business Process Modelling

### Grad Cert Corporate Systems Management IT62 exit point only
- INN331 Management Issues for Information Professionals
- Project Unit (Unit code yet to be finalised)
- AND Students must choose 2 of the following units:
  - INN120 Corporate Systems
  - INN101 Impact of IT
  - INN122 Organisational Databases
  - INN123 Project Management Practice
  - INN124 Information Systems Development
  - INN220 Business Analysis
  - INN221 Technology Management

### Master of Business Process Management

#### IT graduates Gateway Units 4 only
- ITN100 Introduction to Research
- ITN228 Enterprise Systems
ITN229 Database Design
ITN233 Enterprise Systems Applications
ITN241 Information Technology Management
ITN264 Information Systems Consulting
ITN266 Information Management
ITN272 Information Technology Project Management

Non-IT graduates Basic Units 4 only
ITN360 Corporate Systems
ITN361 Socio Technical Systems
ITN362 Organisational Databases
ITN363 Project Management Practice
ITN364 Information Systems Development
ITN365 Business Analysis
ITN366 Information Systems Operations

Block B Core Units 4 Minimum
ITN201 Enterprise Architectures
ITN253 Case Studies In Enterprise Systems
ITN274 Management Issues for Info Professionals
ITN298 Business Process Management
ITN301 Business Process Modelling
ITN370 Corporate Systems Project

Block C Elective Units 24cp Minimum
12 cp FIT industry or research project
24 cp FIT industry or research project
48 cp FIT industry or research project
12 cp QUT post-graduate elective units

Grad Cert Business Process Management IT61 exit point only
ITN201 Enterprise Architectures
ITN253 Case Studies In Enterprise Systems
ITN298 Business Process Management
ITN301 Business Process Modelling

Grad Cert Corporate Systems Management IT62 exit point only
ITN274 Management Issues for Info Professionals
ITN370 Project
Students must choose 2 of the following units
ITN360 Corporate Systems
ITN361 Socio Technical Systems

ITN362 Organisational Databases
ITN363 Project Management Practice
ITN364 Information Systems Development
ITN365 Business Analysis
ITN366 Information Systems Operations

Master of Business Process Management

Non-IT graduates basic units 4 only
ITN360 Corporate Systems
ITN361
ITN362
ITN363 Project Management Practice
ITN364
ITN365
ITN366

Postgraduate IT Units

Unit List:
INN101 Impact of IT
INN120 Corporate Systems
INN122 Organisational Databases
INN124 Information Systems Development
INN180 Computer Games Studies
INN181 Introduction to Games Production
INN210 Databases
INN220 Business Analysis
INN221 Technology Management
INN230 Foundations of Information Retrieval
INN250 Computer Architectures and Systems
INN251 Networks
INN255 Security
INN270 Programming
INN271 The Web
INN272 Interaction Design
INN280 Fundamentals of Game Design
INN311 Enterprise Systems
INN312 Enterprise Systems Applications
INN313 Electronic Commerce Site Development
INN320 Business Process Modelling
INN321 Business Process Management
INN322 Information Systems Consulting
INN323  Smart Services
INN330  Information Management
INN331  Management Issues for Information Professionals
INN332  Information Retrieval
INN333  Information Programs
INN334  Information Issues and Values
INN335  Information Resources
INN340  Database Design
INN341  Software Development With Oracle
INN342  Enterprise Data Mining and Data Analysis
INN345  Mobile Devices
INN346  Enterprise 2.0
INN347  Web 2.0 Applications
INN350  Internet Protocols and Services
INN351  Unix Network Administration
INN352  Network Planning
INN353  Wireless and Mobile Networks
INN355  Cryptology and Protocols
INN365  Systems Programming
INN370  Software Development
INN371  Data Structures and Algorithms
INN372  Agile Software Development
INN373  Web Application Development
INN374  Enterprise Software Architecture
INN380  Games Project
INN381  Modelling and Animation Techniques
INN382  Real Time Rendering Techniques
INN385  Multimedia Systems
INN386  Advanced Multimedia Systems
INN500  PRINCE2 (R) Project Management
INN530  Web Content Reliability
INN531  Information Services
INN532  Information Literacy Education
INN533  Information Organisation
INN540  User Experience
INN545  Introduction to Health Technology
INN546  Major Issues in Health Technology
INN550  Computer Forensics
INN570  Internationalisation of Software
INN600  Advanced Readings 1
INN601  Advanced Readings 2
INN602  Advanced Readings 3
INN605  Advanced Research 1
INN606  Advanced Research 2
INN607  Advanced Research 3
INN610  Case Studies in Enterprise Systems
INN630  Evidence Based Practice
INN631-1  Executive Coaching
INN631-2  Executive Coaching
INN631-3  Executive Coaching
INN631-4  Executive Coaching
INN631-5  Executive Coaching
INN631-6  Executive Coaching
INN632-1  Professional Practice
INN632-2  Professional Practice
INN632-3  Professional Practice
INN632-4  Professional Practice
INN632-5  Professional Practice
INN632-6  Professional Practice
INN650  Advanced Network Management
INN651  Security Technologies
INN652  Advanced Cryptology
INN690  Minor Project 1
INN691  Minor Project 2
INN692  Minor Project 3
INN693  Project
INN694-1  Project 1
INN694-2  Project
INN695  Major Project
INN696-1  Major Project 1
INN696-2  Major Project 2
INN700  Introduction To Research
INN701  Advanced Research Topics
INN281  Advanced Game Design
INS040  Professional Experience (Postgraduate)
INS450  CCNA 1 and 2 Network Fundamentals and Routing
INS452  CCNP1: Building Scalable Internetworks
INS451  CCNA 3 and 4 Lan Switching
INS454  CCNP3: Building Multi Layered Switched Networks
INS453  CCNP 2; Building Multi Layered Switched Networks
UNIT SYNOPSES

INN101 IMPACT OF IT
You will gain an appreciation of the massive and positive impact that IT has had on a wide range of fields including business, science, engineering, education and health. You will learn about the benefits of increased productivity due to IT. You will consider ethical issues and possible negative impacts of IT. You will raise your awareness of the social implications of IT systems on society at the global, local and personal levels. You will develop an informed position on issues, and justify your reasoning with considered supportive arguments.

Prerequisite(s): Nil 
Corequisite(s): Nil 
Credit points: 12 
Contact hours: 3 per week 
Campus: Gardens Point 
Teaching period: 2009 SEM-1 and 2009 SEM-2 
Incompatible with: ITN361, ITB361

INN101 IMPACT OF IT
You will gain an appreciation of the massive and positive impact that IT has had on a wide range of fields including business, science, engineering, education and health. You will learn about the benefits of increased productivity due to IT. You will consider ethical issues and possible negative impacts of IT. You will raise your awareness of the social implications of IT systems on society at the global, local and personal levels. You will develop an informed position on issues, and justify your reasoning with considered supportive arguments.

Antirequisites: INB101, ITB361, ITN361 
Credit points: 12 
Contact hours: 3 per week 
Campus: Gardens Point 
Teaching period: 2010 SEM-1 and 2010 SEM-2

INN120 CORPORATE SYSTEMS
Corporate Systems Management is a growing area where people can make a difference to the way organisations and societies operate. In key business domains, such as Government, Health, Finance, Utilities and Primary Industries, Corporate Systems Managers play a vital role in directing the socio-technical systems that affect everyone's lives. This unit will help students to gain an overview of these major roles and key business domains in order to set the scene for their future studies and help them to match their emerging professional interests with potential career directions.

Prerequisite(s): Nil 
Corequisite(s): Nil 
Credit points: 12 
Contact hours: 3 per week 
Campus: Gardens Point 
Teaching period: 2009 SEM-1 
Incompatible with: ITN360

INN122 ORGANISATIONAL DATABASES
Databases are a key feature in modern organisational systems. Stores of data are the prerequisite for organisational knowledge and are the substance of technology applications. Databases underpin all technologies, platforms and application areas such as online transactions (e.g. shopping), health information systems, web services, e-government, banking and geographical information systems. Corporate Systems Managers understand how databases are used in business domains and the benefits gained from capturing, storing and retrieving quality data to assist organisational planning and decision making. Professionals who understand the privacy and legislative requirements as they pertain to database security and management are increasingly in demand.

Antirequisites: INB122, ITB362, ITN365 
Credit points: 12 
Contact hours: 3 per week 
Campus: Gardens Point 
Teaching period: 2010 SEM-1
INN120 BUSINESS ANALYSIS
This unit is designed to give you a clear understanding of the socio-cultural issues that affect the computer game industry. Through critical review of games and games industry literature, playing games and actively participating in classroom discussion you will develop your capacity to join in the discourse about the design, impact and future direction of computer games in our society.

Prerequisite(s): Nil
Corequisite(s): Nil
Credit points: 12
Contact hours: 3 per week
Campus: Gardens Point
Teaching period: 2009 SEM-2
Incompatible with: ITN364

INN180 COMPUTER GAMES STUDIES
This unit is designed to give you a clear understanding of the socio-cultural issues that affect the computer game industry. Through critical review of games and games industry literature, playing games and actively participating in classroom discussion you will develop your capacity to join in the discourse about the design, impact and future direction of computer games in our society.

Prerequisite(s): Nil
Corequisite(s): Nil
Credit points: 12
Contact hours: 3 per week
Campus: Gardens Point
Teaching period: 2009 SEM-2
Incompatible with: ITB362

INN123 PROJECT MANAGEMENT PRACTICE
Successful businesses use Project Management (PM) processes to structure the implementation, upgrades and process improvement activities undertaken within organisations. This unit investigates project management processes and analyses, combines and applies the basic elements and tools of successful projects to ICT cases. With a focus on contemporary organisations, the unit covers activities such as communication and risk management, change management, recording keeping and project reporting. The unit covers practical, relevant and topical PM issues delivered as a complex project activity.

Prerequisite(s): Nil
Corequisite(s): Nil
Contact hours: 3 per week
Campus: Gardens Point
Incompatible with: ITB362

INN124 INFORMATION SYSTEMS DEVELOPMENT
IT professionals work with a wide variety of information systems and are increasingly required to interact with other professionals and understand business domains. In many cases it is necessary to develop custom systems to satisfy business requirements. Problem solving and communication skills and an understanding of programming concepts and logic are required to effectively work with information systems developers. In this dynamic industry, self-managed learning is necessary to remain abreast of technology innovations.

Antirequisites: INB124
Credit points: 12
Contact hours: 3 per week
Campus: Gardens Point
Teaching period: 2010 SEM-2

INN124 INFORMATION SYSTEMS DEVELOPMENT
IT professionals work with a wide variety of information systems and are increasingly required to interact with other professionals and understand business domains. In many cases it is necessary to develop custom systems to satisfy business requirements. Problem solving and communication skills and an understanding of programming concepts and logic are required to effectively work with information systems developers. In this dynamic industry, self-managed learning is necessary to remain abreast of technology innovations.

Prerequisite(s): Nil
Corequisite(s): Nil
Credit points: 12
Contact hours: 3 per week
Campus: Gardens Point
Teaching period: 2009 SEM-2
Incompatible with: ITN364

INN181 INTRODUCTION TO GAMES PRODUCTION
This subject will provide you with knowledge and skills in games production. By gaining an overview of the production process, you will learn how the technology and the people involved integrate into a coherent and efficient manufacturing process. By the end of this subject you will have the knowledge to conceive, create, integrate and optimise tools and personnel into a complete games production system.

Prerequisite(s): Nil
Corequisite(s): Nil
Contact hours: 3 per week
Campus: Gardens Point
Teaching period: 2010 SEM-1

INN210 DATABASES
The aim of this unit is to help you develop your knowledge, understand a formal specification tool (ORM) for modelling information systems unambiguously and to apply this formal technique to conceptualise information systems found in many real world application domains.

Antirequisites: INB181, ITB751, ITN751
Equivalents: ITN750
Credit points: 12
Contact hours: 3 per week
Campus: Gardens Point
Teaching period: 2010 SEM-2

INN210 DATABASES
The aim of this unit is to help you develop your knowledge, understand a formal specification tool (ORM) for modelling information systems unambiguously and to apply this formal technique to conceptualise information systems found in many real world application domains.

Antirequisites: INB181, ITB751, ITN751
Equivalents: ITN750
Credit points: 12
Contact hours: 3 per week
Campus: Gardens Point
Teaching period: 2010 SEM-2

INN220 BUSINESS ANALYSIS
This unit is designed to give you a clear understanding of the socio-cultural issues that affect the computer game industry. Through critical review of games and games industry literature, playing games and actively participating in classroom discussion you will develop your capacity to join in the discourse about the design, impact and future direction of computer games in our society.

Prerequisite(s): Nil
Corequisite(s): Nil
Credit points: 12
Contact hours: 3 per week
Campus: Gardens Point
Teaching period: 2009 SEM-2
Incompatible with: Nil
INN220 BUSINESS ANALYSIS
This unit aims to give you an introduction to the role, knowledge, and skills required of a business analyst. This unit focuses on both the trades—tools and methods used by a business analyst, as well as the soft skills—creativity and communication, both of which are critical to successful business and requirements analysis. Through lectures, cases studies and role playing activities, you will develop basic knowledge and skills required for introductory business analysis (BA).

Antirequisites: INB220  Equivalents: ITB365, ITN365, ITB222, ITN222  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

INN221 TECHNOLOGY MANAGEMENT
This unit presents operational, tactical and strategic insights that support the activities central to the leadership and management of technology. These insights include project management, organisational leadership, outsourcing, planning, governance and millennium technologies. Such insights are used to inform decision-making - the core skill of any manager. Technology managers must understand the factors influencing any decision point. This unit equips students for the challenges of management and to contribute to the decision-making faced by managers and the staff who advise on these issues.

Prerequisite(s): ITB002, INB103, ITB360 or equivalents  Corequisite(s): Nil  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2009 SEM-1  Incompatible with: ITB366, ITN366, ITB241, ITN241, ITN251

INN221 TECHNOLOGY MANAGEMENT
This unit presents operational, tactical and strategic insights that support the activities central to the leadership and management of technology. These insights include project management, organisational leadership, outsourcing, planning, governance and millennium technologies. Such insights are used to inform decision-making - the core skill of any manager. Technology managers must understand the factors influencing any decision point. This unit equips students for the challenges of management and to contribute to the decision-making faced by managers and the staff who advise on these issues.

Antirequisites: ITN241, ITN251, ITN366, INB221  Assumed knowledge: INB103, ITB002 or ITB360 is assumed knowledge  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

INN230 FOUNDATIONS OF INFORMATION RETRIEVAL
This unit is an advanced specialisation unit in the area of information retrieval. The unit aims to fuse together and present a coherent picture of modern information retrieval problems, solutions, and open questions. It aims to equip students with the ability to design and implement information retrieval systems that are designed to operate in a range of environments, from PC based single user systems to web based search engines operating over distributed collections. The unit is also intended to teach the specific design and programming skills that will enable you to solve IR problems using database and web technology.

Antirequisites: INB230  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point

INN250 COMPUTER ARCHITECTURES AND SYSTEMS
Contemporary computer-based systems are built from a wide range of technologies working at different levels of abstraction, from microprocessor hardware, to operating system and application software, to entire communications networks. At each abstraction level different techniques are needed to understand emergent properties of the system. This unit introduces some of the foundational principles commonly used to reason about the behaviour of computer-dependent systems at different levels of abstraction. Such techniques are especially important in the context of safety-, security- or mission-critical systems.

Antirequisites: INB250  Assumed knowledge: Basic familiarity with set theory (Venn diagrams and set operators), elementary algebra (polynomial and summation expressions, exponents and logarithms, etc) and simple probability concepts (permutations and combinations)  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

INN251 NETWORKS
Computer systems and communications networks are essential to the activities of modern organisations. When you graduate from a course in Information Technology, employers expect you to have a sound understanding of the terminology and concepts of computer systems, communications networks, and network services. This unit provides you with an introductory study of communications network technologies and network applications. The unit serves as an entry point to further specialised studies in the field of computer network systems.

Antirequisites: INB251  Equivalents: ITN701  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

INN255 SECURITY
This unit aims to give you an understanding of the major issues in information security. You will be able to identify critical information security concepts and determine the information security implications of interactions between entities. You will have knowledge of a range of techniques for protecting information, and understand the limitations of these techniques. You will be aware of international information security management standards.

**Antirequisites:** INB255  
**Equivalents:** ITB161, ITB523, ITB623, ITB730, ITN161, ITN511, ITN523, ITN623, ITN663, ITN730  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1

**INN270 PROGRAMMING**

This unit aims to give you a positive introduction to the skills required in solving computational problems and implementing solutions in a programming or scripting language. Although some theoretical aspects of computer programming are introduced briefly, the overall emphasis of the unit is programming practice. The unit emphasises generic programming concepts and related problem-solving strategies. The skills you learn in this unit will be applicable to a wide variety of commonly-used, industrially-significant programming and scripting languages.

**Antirequisites:** INB270  
**Equivalents:** ITN700  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-2

**INN271 THE WEB**

The aims of the unit are to give you a thorough understanding of what the web is, how it works and what it has to offer. Additionally, the unit aims to give you a general understanding and basic skills in developing dynamic web applications, including an appreciation of the variety of implementation technologies available. Through an understanding of how web technologies have evolved to date, you will appreciate the necessity for lifelong learning and become an insightful predictor of future developments in this area. You will learn to critically analyse technological alternatives in order to adapt to and innovate with technologies that presently do not exist. You will appreciate the business or organizational context within which web applications exist and be skilled in communicating within that environment. You will appreciate the social and ethical issues relating to web based systems including accessibility, globalization, privacy, and piracy.

**Antirequisites:** INB271  
**Assumed knowledge:** Basic programming knowledge is assumed.  
**Equivalents:** ITB007, ITB227, ITN007, ITN277  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1

**INN272 INTERACTION DESIGN**

The aim of this unit is to provide you with an understanding of the theory, practices and challenges associated with the development of creative interactive design and human computer interaction.

**Antirequisites:** INB272  
**Equivalents:** ITN254  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-2

**INN280 FUNDAMENTALS OF GAME DESIGN**

Modern games production is a complex process involving various businesses and organisations, working with budgets in the tens of millions. One of the roles within a game production team is that of the game designer. It is crucial that a game designer understands how to create a game world, the rules that govern game play and other high level design tasks. This subject provides an introduction to game design, by starting with high level conceptual design tasks before moving to more concrete tasks.

**Antirequisites:** ITB016 and INB280  
**Equivalents:** ITN016  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-2

**INN281 ADVANCED GAME DESIGN**

This unit will provide you with theoretical and practical knowledge of advanced games design concepts; that is, specific activities undertaken by game designers and their purpose. By the end of this unit you will have the knowledge to identify problems and suggest solutions for innovative game designs, as well as understand how to carry out the process of designing a game yourself. You will possess practical and theoretical knowledge of game design issues such as: how to design a game level, how to design a task and reward a player for completing it, how to ensure that the player knows how to progress through the game and how to design characters whose behaviour and dialogue provide clues and prompts to the player.

**Prerequisites:** INN280  
**Antirequisites:** ITB017 and INB281  
**Equivalents:** ITN017  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1

**INN311 ENTERPRISE SYSTEMS**

The unit presents and discusses the Enterprise Systems Lifecycle model, orienting students to the requirements of addressing total cost of ownership, change management requirements and process modelling requirements in order to achieve business benefits. Concepts of Enterprise Systems success and associated enablers and barriers are also introduced. This unit introduces the technical architecture of complex 3-tiered client server environments.
It seeks to show how an integrated complex database environment meets common business needs, and yet fails to meet the total Information Systems requirements.

**Antirequisites:** INB311  **Credit points:** 12  **Contact hours:** 3 per week  **Campus:** Gardens Point  **Teaching period:** 2010 SEM-2

**INN311 ENTERPRISE SYSTEMS**
The unit presents and discusses the Enterprise Systems Lifecycle model, orienting students to the requirements of addressing total cost of ownership, change management requirements and process modelling requirements in order to achieve business benefits. Concepts of Enterprise Systems success and associated enablers and barriers are also introduced. This unit introduces the technical architecture of complex 3-tiered client server environments. It seeks to show how an integrated complex database environment meets common business needs, and yet fails to meet the total Information Systems requirements.

**Prerequisite(s):** Nil  **Corequisite(s):** Nil  **Credit points:** 12  **Contact hours:** 3 per week  **Campus:** Gardens Point  **Teaching period:** 2009 SEM-2  **Incompatible with:** Nil

**INN312 ENTERPRISE SYSTEMS APPLICATIONS**
The aim of this unit is to introduce one of the more complex and comprehensive Enterprise Systems applications. This unit introduces the business perspective and application processes of modules (such as FI, CO, PP, MM and S&D) and investigates the support provided by these systems and the integration between modules by following some of the major processes in a business. The unit enables you to experience both the business analyst view and the user's view of the system across a number of business processes.

**Antirequisites:** INB312, ITB233  **Equivalents:** ITN233  **Credit points:** 12  **Contact hours:** 3 per week  **Campus:** Gardens Point  **Teaching period:** 2010 SEM-1

**INN313 ELECTRONIC COMMERCE SITE DEVELOPMENT**
This unit will enable you to specify, design, implement and maintain effective e-commerce applications. You will obtain a broad understanding of the potential of e-commerce and how it can be employed to benefit an organisation. You will get direct experience of creating an e-commerce storefront following a business to business (B to B) or business to consumer (B to C) model. You will also have an understanding of the computer systems that underpin e-commerce including payment systems and secure transactions.

**Antirequisites:** INB313 and ITB260  **Equivalents:** ITN260  **Credit points:** 12  **Contact hours:** 3 per week  **Campus:** Gardens Point  **Teaching period:** 2010 SEM-2

**INN320 BUSINESS PROCESS MODELLING**
The aim of this unit is to introduce you to modern methods and tools of business process management. These skills will be applied to the most complex, comprehensive and relevant IT applications. This unit also seeks to develop logical thinking and the capability to understand and deal with complex systems, within a business management framework. The content will focus strongly on business process modelling, as a fundamental technique to manage the complexity associated with process management tasks within various contexts.

**Prerequisite(s):** Nil  **Corequisite(s):** Nil  **Credit points:** 12  **Contact hours:** 3 per week  **Campus:** Gardens Point  **Teaching period:** 2009 SEM-2  **Incompatible with:** Nil

**INN320 BUSINESS PROCESS MODELLING**
The aim of this unit is to introduce you to modern methods and tools of business process management. These skills will be applied to the most complex, comprehensive and relevant IT applications. This unit also seeks to develop logical thinking and the capability to understand and deal with complex systems, within a business management framework. The content will focus strongly on business process modelling, as a fundamental technique to manage the complexity associated with process management tasks within various contexts.

**Antirequisites:** ITB298 and ITB320  **Equivalents:** ITN301  **Credit points:** 12  **Contact hours:** 3 per week  **Campus:** Gardens Point  **Teaching period:** 2010 SEM-2

**INN321 BUSINESS PROCESS MANAGEMENT**
The aim of this unit is to introduce you to modern methodologies of Business Process Management. A main objective is to increase your awareness of the close link between business requirements and IT capabilities, and the
related fundamental role of business processes. This unit also seeks to develop logical thinking, an appreciation for conceptual models, and the capability to understand and deal with complex systems.

**Prerequisite(s):** Nil  **Corequisite(s):** Nil  **Credit points:** 12  **Contact hours:** 3 per week  **Campus:** Gardens Point  **Teaching period:** 2009 SEM-1  **Incompatible with:** Nil

### INN321 BUSINESS PROCESS MANAGEMENT

The aim of this unit is to introduce you to modern methodologies of Business Process Management. A main objective is to increase your awareness of the close link between business requirements and IT capabilities, and the related fundamental role of business processes. This unit also seeks to develop logical thinking, an appreciation for conceptual models, and the capability to understand and deal with complex systems.

**Prerequisite(s):** INB103 or equivalent  **Corequisite(s):** Nil  **Credit points:** 12  **Contact hours:** 3 per week  **Campus:** Gardens Point  **Teaching period:** 2009 SEM-1  **Incompatible with:** ITB264 and ITN264

### INN323 SMART SERVICES

This unit gives you the opportunity to apply, under appropriate guidance, the knowledge and skills gained in your course to date and to execute a substantial development project. The ability to apply technical knowledge and skills to real-life situations is essential for information technology professionals. A substantial project, under academic supervision, will develop your initiative and ability to apply your knowledge and skills in a professional capacity. Completing the project will also enable you to appreciate the complementary nature of the course material in total, particularly the need for careful project management.

**Prerequisite(s):** Nil  **Corequisite(s):** Nil  **Credit points:** 12  **Contact hours:** 3 per week  **Campus:** Gardens Point  **Teaching period:** 2010 SEM-1  **Incompatible with:** Nil

### INN330 INFORMATION MANAGEMENT

The aim of this unit is to provide you with an awareness of the activities in which IM professionals are engaged within various organisational contexts. You will use case studies and introduce yourself to the strategic and analytic elements that comprise information management activities. These activities include the alignment of enterprise information and business planning, enterprise information policy, evaluation of information resources & systems and applications of the information inventory.

**Antirequisites:** INB330  **Equivalents:** ITN266  **Credit points:** 12  **Contact hours:** 3 per week  **Campus:** Gardens Point  **Teaching period:** 2010 SEM-2  **Incompatible with:** Nil

### INN332 INFORMATION SYSTEMS CONSULTING

The aim of the unit is to develop your skills in the consulting engagement process. This unit will give you an appreciation of the management of consulting practices and an understanding of the consulting sector generally. This unit presents the tactical and strategic issues involved in management consulting, and in particular: client engagement. In the unit there is an emphasis on Information Systems (IS) related work. IS constitutes a substantial portion of consulting activity and cuts across all areas of business expertise. The unit examines the dynamics of IS consulting within the context of large consulting firms and familiarises students with the consulting engagement lifecycle.

**Antirequisites:** INN335, ITN332, INB322  **Assumed knowledge:** Good knowledge of professional oral and written communication practices and team work processes is assumed.  **Equivalents:** ITN273  **Credit points:** 12  **Contact hours:** 3 per week  **Campus:** Gardens Point  **Teaching period:** 2010 SEM-1

### INN322 INFORMATION SYSTEMS CONSULTING

The aim of the unit is to develop your skills in the consulting engagement process. This unit will give you an appreciation of the management of consulting practices and an understanding of the consulting sector generally. This unit presents the tactical and strategic issues involved in management consulting, and in particular: client engagement. In the unit there is an emphasis on Information Systems (IS) related work. IS constitutes a substantial portion of consulting activity and cuts across all areas of business expertise. The unit examines the dynamics of IS consulting within the context of large consulting firms and familiarises students with the consulting engagement lifecycle.

**Prerequisite(s):** Nil  **Corequisite(s):** Nil  **Credit points:** 12  **Contact hours:** 3 per week  **Campus:** Gardens Point  **Teaching period:** 2010 SEM-1
12 Contact hours: 3 per week Campus: Gardens Point
Teaching period: 2009 SEM-2 Incompatible with: Nil

INN331 MANAGEMENT ISSUES FOR INFORMATION PROFESSIONALS
The overall aim is to enable you to identify and resolve selected key management issues within a particular type of organisation of your choice. Using an integrated approach the subject draws from the field of organisational behaviour, business management literature, IT-management, and other readings appropriate to your interest. A further emphasis will be on case studies of actual practices in the type of organisation or enterprise environment setting that you have chosen to investigate.

Antirequisites: INB331 Equivalents: ITN274 Credit points: 12 Contact hours: 3 per week Campus: Gardens Point Teaching period: 2010 SEM-1

INN331 MANAGEMENT ISSUES FOR INFORMATION PROFESSIONALS
The overall aim is to enable you to identify and resolve selected key management issues within a particular type of organisation of your choice. Using an integrated approach the subject draws from the field of organisational behaviour, business management literature, IT-management, and other readings appropriate to your interest. A further emphasis will be on case studies of actual practices in the type of organisation or enterprise environment setting that you have chosen to investigate.

Prerequisite(s): Nil Corequisite(s): Nil Credit points: 12 Contact hours: 3 per week Campus: Gardens Point Teaching period: 2009 SEM-1 Incompatible with: ITN274

INN332 INFORMATION RETRIEVAL
The ability to quickly learn and expertly use new information resources and concepts is a vital skill for the modern day library and information professional. This unit will help you to understand the structure of the information environment, to reflect upon the information resources you discover, and to develop the ability to find appropriate information for future problem solving. You will develop your skills in identifying, accessing, evaluating and retrieving information resources to meet specific needs. The unit will also help you develop skills in teamwork and oral and written communication.

Antirequisites: INN335, ITN322 Equivalents: ITN273 Credit points: 12 Contact hours: 3 per week Campus: Gardens Point Teaching period: 2010 SEM-1

INN333 INFORMATION PROGRAMS
The unit encompasses the planning, implementation and evaluation of an information product or service for a particular community of use. The community may be anything from a specialised professional or business group, to community members with special needs etc. Emphasis is on identification of user needs, creating an information product or program and marketing or promoting its use. The unit also explores the impact of web 2.0 technologies (e.g. blogs, wikis, facebook, YouTube, flickr) and concepts such as creative commons and open access on program and product design and delivery are explored.

Antirequisites: ITN330 Credit points: 12 Contact hours: 3 per week Campus: Gardens Point Teaching period: 2010 SEM-2

INN334 INFORMATION ISSUES AND VALUES
The overall aim is to enable you to identify and critically discuss key issues (ie social, economic, political, cultural, legal, psychological) that impact upon the role and use of information and IT in different contexts of the information society (ie academic, professional, personal). You will critically consider the role of information and IT professionals in dealing ethically and legally with the many issues evolving within the emerging information society. The unit draws from the fields of psychology, business, library and information science, IT, education, sociology and law.

Antirequisites: INB334 Equivalents: ITN330 Credit points: 12 Contact hours: 3 per week Campus: Gardens Point Teaching period: 2010 SEM-1

INN335 INFORMATION RESOURCES
This unit will help you to understand the structure of the information environment, to reflect upon the information resources you discover, and to develop the ability to find appropriate information for future problem solving. You will develop your skills in identifying, accessing, evaluating and retrieving information resources to meet specific information needs. The unit will also help you develop skills in teamwork and oral and written communication.

Prerequisite(s): Nil Corequisite(s): Nil Credit points: 12 Contact hours: 3 per week Campus: Gardens Point Teaching period: 2009 SEM-2 Incompatible with: Nil

INN340 DATABASE DESIGN
The aim of this unit is to help you develop your knowledge, understand a formal specification tool (ORM) for modelling information systems unambiguously and to apply this formal technique to conceptualise information systems found in many real world application domains.

Prerequisite(s): INN210 (ITN200) Corequisite(s): Nil Credit points: 12 Campus: Gardens Point Teaching
INN340 DATABASE DESIGN
The aim of this unit is to help you develop your knowledge, understand a formal specification tool (ORM) for modelling information systems unambiguously and to apply this formal technique to conceptualise information systems found in many real world application domains.

Antirequisites: INB340  Assumed knowledge: INN210 or ITN200 is assumed knowledge  Equivalents: ITN229  
Credit points: 12  Campus: Gardens Point  Teaching period: 2010 SEM-1

INN341 SOFTWARE DEVELOPMENT WITH ORACLE
This unit aims to develop a sound understanding of database creation, installation, administration, management, security, back up/recovery and application development. The unit aims to develop practical skills in each of these elements, using appropriate Oracle software.

Prerequisites: INN210 or ITN200 or INN122 or ITB004  
Antirequisites: INB341, ITB223  Equivalents: ITN223 
Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

INN342 ENTERPRISE DATA MINING AND DATA ANALYSIS
This unit will provide a comprehensive theoretical coverage of various topics in data and web mining. In addition there will be a significant practical component using hands on tools to solve real-world problems. Specifically, we will consider techniques from machine learning, data mining, text mining, and information retrieval to extract useful knowledge from data which are used for business intelligence, document databases, site management, personalization, and user profiling. This unit will first cover a detailed overview of the mining process and techniques, and then concentrate on applications of these techniques to web, e-commerce, document databases and data from advanced applications.

Prerequisites: INN210 or INN340 or INN122  
Antirequisites: ITB239, INB342  Equivalents: ITN239  
Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

INN345 MOBILE DEVICES
This unit provides the opportunity for exploring new and emerging mobile devices and wireless technology including iPhone, Netbook, 3G, WIMax, and RFID. Students will critically review and understand how they can be used for current contexts such as government, business, education and social community, as well as emerging ‗wilderness‘ environments with no power and wired communication. Students will appreciate the impacts of these devices and be inspired for the current and future opportunities in ICT usage trends.

Antirequisites: INB345  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

INN346 ENTERPRISE 2.0
This unit will help you to acquire the skills and knowledge required to critically explore and utilise applications within diverse contexts and organisations.

Antirequisites: INB346  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

INN347 WEB 2.0 APPLICATIONS
Web 2.0 applications enable the user to be control. The unit will provide the opportunity for students to explore web 2.0 applications including blogs, wikis, social networking, social tagging, podcasts, gaming, storytelling and virtual worlds such as second life. Students will critically consider the many and varied web applications and how they can be used in different contexts such as government, small and medium size businesses, non-profit organisations, educational institutions and community groups.

Antirequisites: INB347  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

INN350 INTERNET PROTOCOLS AND SERVICES
An understanding of the theoretical and practical concepts of network protocols and services is highly useful and relevant to network engineers and others working in the Information Processing industries. This unit introduces you to Internet protocols and the design, implementation and operation of network based applications. Theory and practical skills taught in this unit will be useful if you intend undertaking further networking units.

Antirequisites: INB350, ITB624, ITB629, ITB720, ITN524, ITN529, ITN667  
Assumed knowledge: INN251 is assumed knowledge.  
Equivalents: ITN720  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

INN351 UNIX NETWORK ADMINISTRATION
The aim of this unit is to provide students with a working knowledge of the technical aspects and theory of network administration and management. The unit uses the Unix environment as the learning platform for attaining technical skills and for the development of problem solving skills necessary to be a successful networking professional.
Prerequisites: INN350   Antirequisites: INB351
Equivalents: ITN525, ITN535, ITN721  Credit points: 12
Contact hours: 3 per week   Campus: Gardens Point  Teaching period: 2010 SEM-2

INN352 NETWORK PLANNING
The unit draws together subject matter from a number of different networking-related areas. The aim of the unit is to assemble the previously acquired knowledge and techniques and apply it in a cohesive fashion to the task of network planning.

Antirequisites: INB352, ITN722, ITN551, ITB628, ITB551, ITB722  Credit points: 12   Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

INN353 WIRELESS AND MOBILE NETWORKS
This unit provides you with the skills to be able to design and understand the issues involved with different types of wireless communications systems. It develops your knowledge of Wide Area Networks (WANs), Local Area Networks (LANs) and Personal Area Networks (PANs) as well as skills in programming for mobile handsets. You will also develop knowledge of the different types of wireless communications technologies available and when each is most applicable in a particular situation.

Antirequisites: INB353   Assumed knowledge: INN251 is assumed knowledge.  Equivalents: ITB723, ITN723  Credit points: 12   Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

INN355 CRYPTOLOGY AND PROTOCOLS
Cryptographic techniques are widely used to implement computer and network security. As an IT security professional you may be required either to evaluate or implement information systems using cryptographic algorithms and protocols. This elective unit covers the main cryptographic technical concepts including encryption, digital signatures and cryptographic protocols.

Antirequisites: INB355   Assumed knowledge: Maths B or equivalent (e.g. MAB105) is assumed knowledge.  Equivalents: ITB548, ITB566, ITB646, ITB732, ITN566, ITN512, ITN581, ITN732,  Credit points: 12   Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

INN365 SYSTEMS PROGRAMMING
Systems programming is an essential part of any computer-science education. This unit uses operating system concepts to teach the foundations of systems programming and advanced concepts for producing softwares that provide services to computer hardware. Through this study, you will be able to demonstrate knowledge of the principles and techniques of process management, memory and file management, protection & security, and distributed systems.

Prerequisites: INB270 or INN270   Antirequisites: ITB706, ITB745, INB365   Assumed knowledge: Fundamentals of computer architecture; high level programming languages (such as C, C++, C#, Java, python) is assumed knowledge  Credit points: 12   Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

INN370 SOFTWARE DEVELOPMENT
Understanding software development is an integral part of the IT industry for software engineers. Software development relies on object technologies, programming techniques and numerous code libraries provided by language developers and third party vendors. Integrated Development Environments, unit testing frameworks, automated and continuous build tools and versioning systems are all becoming part of the tool set modern software developers must be familiar with. This unit is designed to introduce these technologies and techniques to show how software can be rapidly developed.

Antirequisites: INB370   Assumed knowledge: INN270 is assumed knowledge.  Credit points: 12   Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

INN371 DATA STRUCTURES AND ALGORITHMS
The purpose of this unit is to ensure that you have a sound knowledge of modern programming techniques and their use in providing medium-scale software solutions. This unit will teach you to decompose a problem and produce a modular solution to a programming task. The principles to analyse algorithms for efficiency will also be introduced. In addition, you will acquire the necessary skills for you to use the tools available in common development environments, such as Microsoft Visual Studio.

Prerequisites: INN270 or INN270   Antirequisites: INB371, INB372, ITB702, ITB711, ITN711   Equivalents: ITN702  Credit points: 12   Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

INN372 AGILE SOFTWARE DEVELOPMENT
This unit introduces you to the software development process. You will look at each of the major activities involved in developing a software system. You will also learn how to manage and control the software development process for a large project when a number of team members are involved in the development. This unit develops the professional practice of working on large software systems.
Prerequisites: INN370  Antirequisites: INB372, ITB712, ITN662, ITN712, ITB612  Assumed knowledge: Good programming, debugging, testing and software development skills. Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

INN373 WEB APPLICATION DEVELOPMENT
This unit will provide you with an understanding of the issues, structure and technologies used for developing web-based systems. The unit will provide you with the theoretical and practical skills needed to develop enterprise critical applications designed with an n-tier architecture using state of the art technologies. A comparative technology approach is taken, including an analysis of how web technologies have evolved to date, in order to identify common themes and to better enable you to comprehend and critically evaluate future web technology offerings.

Antirequisites: INB373  Assumed knowledge: INN271 is assumed knowledge. Equivalents: ITB716, ITN716, Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

INN374 ENTERPRISE SOFTWARE ARCHITECTURE
This unit aims to introduce you to the field of enterprise architecture. It attempts to give you a grounding in the basic knowledge and skills required by an enterprise architect. This includes a solid understanding of the IT challenges currently facing medium to large size organizations, the theory and technologies currently used to address them and an appreciation of the business imperative for which they are utilized.

Prerequisites: INN270, INB270, ITN700, or ITB003  Antirequisites: INB374 and ITB717  Equivalents: ITN717  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

INN380 GAMES PROJECT
This unit seeks to give you the opportunity to apply, under appropriate guidance, the knowledge and skills gained in your course to date and to execute a substantial related project. The unit also aims to allow you to develop the critical professional skills of working within a cross-disciplinary team and, through implementation of your project, develop the understanding of the role of careful planning, scope control and task management in ensuring that the project is successful.

Prerequisite(s): Students undertaking this unit must be enrolled in the Bachelor of Games and Interactive Entertainment and have completed ITB009  Corequisite(s): Nil  Contact hours: 3 per week  Campus: Gardens Point  Incompatible with: ITB020

INN381 MODELLING AND ANIMATION TECHNIQUES
The unit will provide you with the knowledge and skills to use an industry standard graphics API to implement graphics applications and to develop a basic real time animation system using an industry standard language.

Prerequisites: INB371 or INN371, and MAB281  Antirequisites: INB381, ITB441, ITB460, ITB648, ITB649, ITB746  Equivalents: ITN440, ITN460, ITN746  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1 and 2010 SEM-2

INN382 REAL TIME RENDERING TECHNIQUES
This unit will provide you with knowledge and skills in basic to advanced techniques in real-time rendering using shading languages. You will be able to implement a high-quality real-time rendering system in an industry standard API.

Prerequisites: INN381 and MAB281  Antirequisites: INB382  Equivalents: ITN747  Credit points: 12  Campus: Gardens Point  Teaching period: 2010 SEM-2

INN385 MULTIMEDIA SYSTEMS
This unit will explore the concepts underpinning multimedia systems and the role played by these technologies in the overall knowledge of a computer professional. You will learn to: design and develop different kinds of interactive multimedia applications; understand the bank of knowledge in cultural developments surrounding the emergence of multimedia technologies; analyse design and processes that are utilized.

Prerequisites: INN270, INB270, ITN700, or ITB003  Antirequisites: INN385  Assumed knowledge: INN271 is assumed knowledge. INN272 should be enrolled in the same teaching period. Equivalents: ITN257, ITB257  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

INN386 ADVANCED MULTIMEDIA SYSTEMS
This advanced level unit will give you high level design and development skills in some of the current and emerging areas of the new media. Web delivered applications, stand-alone systems and installations will be included. It will endeavour to give you an in-depth understanding of interactive Multimedia Systems. You will be given the
theoretical basis and practical skills to motivate you in the
design and creation of a state-of-the-art system in this
discipline. In the process it will encourage a professional team approach appropriate to the industry environment.

Prerequisites: INN385  Antirequisites: INB386 and ITB259  Equivalents: ITN259  Credit points: 12  
Contact hours: 3 per week  Campus: Gardens Point  
Teaching period: 2010 SEM-1

INN500 PRINCE2 (R) PROJECT MANAGEMENT
The majority of information technology (IT) initiatives, such as systems developments and implementations, are introduced into organizations through projects, and the success of these projects depends on their effective management. This unit covers the integration of the multi-disciplinary skills that students would have acquired at stage in the course required to manage IT projects successfully. Specifically, it covers the administrative, technical, communication and socio-political demands placed on modern IT project managers. The unit covers practical, relevant and topical IT project management issues delivered through practical tutorials and lectures.

Prerequisites: Completion of 36 credit points of Postgraduate units (INN% or PUN% or GSN%)
Antirequisites: INB123, ITB365, ITB272  Credit points: 12  
Contact hours: 4 per week  Campus: Gardens Point  
Teaching period: 2010 SEM-1 and 2010 SEM-2

INN500 IT PROJECT MANAGEMENT
The majority of information technology (IT) initiatives, such as systems developments and implementations, are introduced into organizations through projects, and the success of these projects depends on their effective management. This unit covers the integration of the multi-disciplinary skills that students would have acquired at stage in the course required to manage IT projects successfully. Specifically, it covers the administrative, technical, communication and socio-political demands placed on modern IT project managers. The unit covers practical, relevant and topical IT project management issues delivered through practical tutorials and lectures.

Prerequisite(s): 48 Credit Points of successfully completed postgraduate study  
Corequisite(s): Nil  Credit points: 12  
Contact hours: 4 per week  Campus: Gardens Point  
Teaching period: 2009 SEM-1 and 2009 SEM-2  
Incompatible with: ITB365 and INB123

INN530 INFORMATION LITERACY EDUCATION
This unit aims to develop your understanding of information literacy and information literacy education and how these concepts can be applied according to the needs of client group(s) of your choice. As a professional you may engage in policy development, advocacy, research, developing and implementing instruction programs or managing staff who undertake these activities. New professionals and other educators can become heavily involved in teaching information literacy and skills to learners in a range of environment including academic, workplace or community programs. This unit provides the opportunity for theoretical and practical work in contexts of your choice to suit your individual interests.

Equivalents: ITN279  Credit points: 12  
Contact hours: 3 per week  Campus: Gardens Point  
Teaching period: 2010 SEM-1
INN533 INFORMATION ORGANISATION
The aim of this unit is to develop an understanding of the principles and practices of information organisation as applied to description and classification of knowledge contained in a range of information resources utilised in different contexts.

Equivalents: ITN275  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

INN540 USER EXPERIENCE
The aim of this unit is to critically evaluate technologies within the context of the user's experience.
Assumed knowledge: 24 credit points of INN units  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

INN545 INTRODUCTION TO HEALTH TECHNOLOGY
This unit introduces health practitioners, health technologists and information specialists to common framework by which they can describe, discuss, apply and manage Health Technology enabling better health outcomes in the sector and the community. Technology types covered will include, inter alia, user devices, clinical and administrative systems, and diagnostic and treatment systems across modalities as well as support systems such as asset management, tracking, and logistics. We anticipate considerable industry involvement in this unit including site visits and presentations from industry managers and possibly vendors.

Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point

INN546 MAJOR ISSUES IN HEALTH TECHNOLOGY
This unit introduces health practitioners, health technologists and information specialists to major issues related to managing Health Technology enabling better health outcomes in the sector and the community. Technology types covered will include, inter alia, user devices, clinical and administrative systems, and diagnostic and treatment systems across modalities as well as support systems such as asset management, tracking, and logistics.

Prerequisite(s): Nil  Corequisite(s): Nil  Credit points: 12  Campus: Gardens Point  Teaching period: 2009 SEM-2  Incompatible with: Nil

INN550 COMPUTER FORENSICS
This unit aims to give you instruction in the principles of Computer Forensics, and the principles that need to be observed by the computer forensic investigator in order to successfully identify, secure, analyse and present digital evidence. In this advanced level elective unit we focus on the principles which direct the collection, analysis and presentation of the electronic or digital evidence available to a forensic investigator, and the techniques that are used in order to ensure that those principles are met for evidentiary requirements.

Assumed knowledge: INN255 is assumed knowledge. INN250 and INN251 should be enrolled in the same teaching period.  Equivalents: ITN774  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

INN570 INTERNATIONALISATION OF SOFTWARE
Software is now a global market, and developers need to be able to produce applications that can be used in many different cultures and nations. There is a significant body of enabling technology that allows efficient and cost effective development of applications that can be used in diverse contexts. Understanding the principles and the technologies involved in internationalisation and localisation is essential for companies seeking to go global or that are already global.

Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

INN600 ADVANCED READINGS 1
The aim of this unit is to broaden your understanding of potential research topics and methods and support you in developing essential skills that enable clarity and focus in investigating IT research; rigour in evaluating claims and accuracy in your understanding of domain problems, related theories and methodologies appropriate to your specialist area.

Assumed knowledge: Completion of at least 48 credit points of Postgraduate level IT units is assumed knowledge.  Credit points: 12  Campus: Gardens Point  Teaching period: 2010 SEM-1, 2010 SEM-2 and 2010 SUM

INN601 ADVANCED READINGS 2
The aim of this unit is to broaden your understanding of potential research topics and methods and support you in developing essential skills that enable clarity and focus in investigating IT research; rigour in evaluating claims and accuracy in your understanding of domain problems, related theories and methodologies appropriate to your specialist area.

Assumed knowledge: Completion of at least 48 credit points of Postgraduate level IT units is assumed knowledge.  Credit points: 12  Campus: Gardens Point  Teaching period: 2010 SEM-1, 2010 SEM-2 and 2010 SUM
INN602 ADVANCED READINGS 3
The aim of this unit is to broaden your understanding of potential research topics and methods and support you in developing essential skills that enable clarity and focus in investigating IT research; rigour in evaluating claims and accuracy in your understanding of domain problems, related theories and methodologies appropriate to your specialist area.

**Assumed knowledge:** Completion of at least 48 credit points of Postgraduate level IT units is assumed knowledge.

**Credit points:** 12  **Campus:** Gardens Point

INN605 ADVANCED RESEARCH 1
The aim of this unit is to broaden your understanding of potential research topics and methods and support you in developing essential skills that enable clarity and focus in investigating IT research; rigour in evaluating claims and accuracy in your understanding of domain problems, related theories and methodologies appropriate to your specialist area.

**Assumed knowledge:** Completion of 48 credit points of Postgraduate IT units is assumed knowledge.

**Credit points:** 12  **Campus:** Gardens Point  **Teaching period:** 2010 SEM-1 and 2010 SEM-2

INN606 ADVANCED RESEARCH 2
The aim of this unit is to broaden your understanding of potential research topics and methods and support you in developing essential skills that enable clarity and focus in investigating IT research; rigour in evaluating claims and accuracy in your understanding of domain problems, related theories and methodologies appropriate to your specialist area.

**Assumed knowledge:** Completion of 48 credit points of Postgraduate IT units is assumed knowledge.

**Credit points:** 12  **Campus:** Gardens Point  **Teaching period:** 2010 SEM-1 and 2010 SEM-2

INN607 ADVANCED RESEARCH 3
The aim of this unit is to broaden your understanding of potential research topics and methods and support you in developing essential skills that enable clarity and focus in investigating IT research; rigour in evaluating claims and accuracy in your understanding of domain problems, related theories and methodologies appropriate to your specialist area.

**Assumed knowledge:** Completion of 48 credit points of Postgraduate IT units is assumed knowledge.

**Credit points:** 12  **Campus:** Gardens Point  **Teaching period:** 2010 SEM-1 and 2010 SEM-2

INN610 CASE STUDIES IN ENTERPRISE SYSTEMS
This unit seeks to develop business process analysts capable of working as consultants. It seeks to develop the generic skills expected in graduates and in particular to develop better interpersonal skills, better written and oral communication skills, skills in conflict resolution, negotiation, project planning and project management. You will learn to identify, analyse and consider interdependencies. You will increase your awareness for the challenges of teamwork. The projects also allow you to apply the theoretical knowledge gained in the pre-requisite unit to real practical problems. Overall, you will get insights into the skills, tools and services of consultants.

**Prerequisite(s):** INN321 with a grade of 6 and GPA of at least 6  **Corequisite(s):** Nil  **Credit points:** 12  **Campus:** Gardens Point  **Teaching period:** 2009 SEM-2  **Incompatible with:** Nil

INN630 EVIDENCE BASED PRACTICE
This unit is designed to enable individuals to come to a better understanding of their capacities as professionals and future managers and leaders, using evidence based practices.

*The semester offering will be during Winter and the unit is run as an intensive short course.*

**Prerequisite(s):** Nil  **Corequisite(s):** Nil  **Credit points:** 12  **Campus:** Gardens Point  **Teaching period:** 2009 6TP4  **Incompatible with:** Nil

INN631 EXECUTIVE COACHING
This unit has been developed as an overarching unit in the Executive Information Practice program, to establish meaningful links between the various units of study and to introduce you to key aspects of management and leadership as well as personal and professional
INN631 EXECUTIVE COACHING
This unit has been developed as an overarching unit in the Executive Information Practice program, to establish meaningful links between the various units of study and to introduce you to key aspects of management and leadership as well as personal and professional development as you continue along your career journey. This unit is designed to enable individuals to come to a better understanding of their capacities as professionals and future managers and leaders. The unit is structured as a sequence of six modules, completed as you progress through the course.

Prerequisite(s): Nil Corequisite(s): Nil Credit points: 2 Campus: Gardens Point Teaching period: 2009 SEM-1, 2009 SEM-2 and 2009 SUM Incompatible with: ITN280-6

INN631 EXECUTIVE COACHING
This unit has been developed as an overarching unit in the Executive Information Practice program, to establish meaningful links between the various units of study and to introduce you to key aspects of management and leadership as well as personal and professional development as you continue along your career journey. This unit is designed to enable individuals to come to a better understanding of their capacities as professionals and future managers and leaders. The unit is structured as a sequence of six modules, completed as you progress through the course.

Prerequisite(s): Nil Corequisite(s): Nil Credit points: 2 Campus: Gardens Point Teaching period: 2009 SEM-1, 2009 SEM-2 and 2009 SUM Incompatible with: ITN280-1

INN632 PROFESSIONAL PRACTICE
This unit has been developed as an overarching unit in the IT70 Master of Information Management program, to establish meaningful links between the various units of study and to introduce you to contemporary professional practice in information agencies. The unit focuses on your own personal and professional development, enabling you to participate in industry seminars, fieldtrips, work placements and career mentoring. The development of your understanding of reflective practice will help you build your own Student ePortfolio to document your insights into and your experiences in the information profession. The unit is structured as a sequence of six modules, completed as you progress through the course.

Equivalents: ITN280-2 Credit points: 2 Campus:
Gardens Point  
Teaching period: 2010 SEM-1, 2010 SEM-2 and 2010 SUM

**INN632 PROFESSIONAL PRACTICE**
This unit has been developed as an overarching unit in the IT70 Master of Information Management program, to establish meaningful links between the various units of study and to introduce you to contemporary professional practice in information agencies. The unit focuses on your own personal and professional development, enabling you to participate in industry seminars, fieldtrips, work placements and career mentoring. The development of your understanding of reflective practice will help you build your own Student ePortfolio to document your insights into and your experiences in the information profession. The unit is structured as a sequence of six modules, completed as you progress through the course.

**Equivalents:** ITN280-6  
Credit points: 2  
Campus: Gardens Point  
Teaching period: 2010 SEM-1, 2010 SEM-2 and 2010 SUM

**INN632 PROFESSIONAL PRACTICE**
This unit has been developed as an overarching unit in the IT70 Master of Information Management program, to establish meaningful links between the various units of study and to introduce you to contemporary professional practice in information agencies. The unit focuses on your own personal and professional development, enabling you to participate in industry seminars, fieldtrips, work placements and career mentoring. The development of your understanding of reflective practice will help you build your own Student ePortfolio to document your insights into and your experiences in the information profession. The unit is structured as a sequence of six modules, completed as you progress through the course.

**Equivalents:** ITN280-3  
Credit points: 2  
Campus: Gardens Point  
Teaching period: 2010 SEM-1, 2010 SEM-2 and 2010 SUM

**INN632 PROFESSIONAL PRACTICE**
This unit has been developed as an overarching unit in the IT70 Master of Information Management program, to establish meaningful links between the various units of study and to introduce you to contemporary professional practice in information agencies. The unit focuses on your own personal and professional development, enabling you to participate in industry seminars, fieldtrips, work placements and career mentoring. The development of your understanding of reflective practice will help you build your own Student ePortfolio to document your insights into and your experiences in the information profession. The unit is structured as a sequence of six modules, completed as you progress through the course.

**Equivalents:** ITN280-4  
Credit points: 2  
Campus: Gardens Point  
Teaching period: 2010 SEM-1, 2010 SEM-2 and 2010 SUM

**INN650 ADVANCED NETWORK MANAGEMENT**
Computer networks are an essential component of modern civilization. Students undertaking this unit will have previously learned the fundamental theory and practical aspects of network administration and management. This unit builds upon that foundation and extends the knowledge and skills to enterprise wide networks which are significantly more complex than small networks. Security of enterprise wide networks is an important issue in this unit, along with network management systems.

**Assumed knowledge:** INB351, INN351, ITN721 or ITB721 is assumed knowledge.  
**Equivalents:** ITN771  
**Credit points:** 12  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1
INN651 SECURITIES TECHNOLOGIES
This unit aims to provide you with the knowledge to investigate and determine the security requirements for computer systems and networks and to understand the underlying issues and problems. In addition, this unit aims to enable you to investigate, evaluate and select the most appropriate security technologies for specific situations.

**Antirequisites:** ITB731, ITN731  **Assumed knowledge:** It is an advantage that the student has knowledge of the basic principles and technologies for information security, such as those taught in INN255 Security.  **Credit points:** 12  **Campus:** Gardens Point  **Teaching period:** 2010 SEM-2

INN652 ADVANCED CRYPTOLOGY
This unit gives you the opportunity to apply, under appropriate guidance, the knowledge and skills gained in your course to date and to execute a substantial development project in advanced cryptography. The ability to apply technical knowledge and skills to real-life situations is essential for information technology professionals. A substantial project, under academic supervision, will develop your initiative and ability to apply your knowledge and skills in a professional capacity. Completing the project will also enable you to appreciate the complementary nature of the course material in total, particularly the need for careful project management.

**Credit points:** 12  **Campus:** Gardens Point  **Teaching period:** 2010 SEM-2

INN690 MINOR PROJECT 1
The aims of this unit are to help you acquire necessary skills in a problem domain, and to enable you to conduct a well-defined project with specific outcomes within a precisely defined project plan. This unit also teaches you how to prepare a well written project report.

**Assumed knowledge:** Completion of at least 48 credit points of Postgraduate level IT units is assumed knowledge.  **Credit points:** 12  **Campus:** Gardens Point  **Teaching period:** 2010 SEM-1, 2010 SEM-2 and 2010 SUM

INN691 MINOR PROJECT 2
The aims of this unit are to help you acquire necessary skills in a problem domain, and to enable you to conduct a well-defined project with specific outcomes within a precisely defined project plan. This unit also teaches you how to prepare a well written project report.

**Assumed knowledge:** Completion of at least 48 credit points of Postgraduate level IT units is assumed knowledge.  **Credit points:** 12  **Campus:** Gardens Point  **Teaching period:** 2010 SEM-1, 2010 SEM-2 and 2010 SUM

INN692 MINOR PROJECT 3
The aims of this unit are to help you acquire necessary skills in a problem domain, and to enable you to conduct a well-defined project with specific outcomes within a precisely defined project plan. This unit also teaches you how to prepare a well written project report.

**Assumed knowledge:** Completion of at least 48 credit points of Postgraduate level IT units is assumed knowledge.  **Credit points:** 12  **Campus:** Gardens Point  **Teaching period:** 2010 SEM-1, 2010 SEM-2 and 2010 SUM

INN693 PROJECT
The aims of this unit are to help you acquire necessary skills in a problem domain, and to enable you to conduct a well-defined project with specific outcomes within a precisely defined project plan. This unit also teaches you how to prepare a well written project report.

**Assumed knowledge:** Completion of at least 48 credit points of Postgraduate level IT units is assumed knowledge.  **Credit points:** 24  **Campus:** Gardens Point  **Teaching period:** 2010 SEM-1, 2010 SEM-2 and 2010 SUM

INN694 PROJECT 1
This unit gives you the opportunity to apply, under appropriate guidance, the knowledge and skills gained in your course to date and to execute a substantial development project. The ability to apply technical knowledge and skills to real-life situations is essential for information technology professionals. A substantial project, under academic supervision, will develop your initiative and ability to apply your knowledge and skills in a professional capacity. Completing the project will also enable you to appreciate the complementary nature of the course material in total, particularly the need for careful project management.

**Assumed knowledge:** Completion of at least 48 credit points of Postgraduate level IT units is assumed knowledge.  **Other requisites:** Students must complete INN694-2 to receive a grade for this unit  **Credit points:** 12  **Campus:** Gardens Point  **Teaching period:** 2010 SEM-1, 2010 SEM-2 and 2010 SUM

INN694 PROJECT
This unit gives you the opportunity to apply, under appropriate guidance, the knowledge and skills gained in your course to date and to execute a substantial development project. The ability to apply technical knowledge and skills to real-life situations is essential for information technology professionals. A substantial project, under academic supervision, will develop your initiative and ability to apply your knowledge and skills in a professional
capacity. Completing the project will also enable you to appreciate the complementary nature of the course material in total, particularly the need for careful project management.

**Prerequisites:** INN694-1  
**Assumed knowledge:** Completion of at least 48 credit points of Postgraduate level units is assumed knowledge.  
**Credit points:** 12  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1, 2010 SEM-2 and 2010 SUM

**INN695 MAJOR PROJECT**

The aims of this unit are to help you acquire necessary skills in a problem domain, and to enable you to conduct a well-defined project with specific outcomes within a precisely defined project plan. This unit also teaches you how to prepare a well written project report.

**Assumed knowledge:** Completion of at least 48 credit points of Postgraduate level IT units is assumed knowledge.  
**Credit points:** 48  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1, 2010 SEM-2 and 2010 SUM

**INN696 MAJOR PROJECT 1**

The aims of this unit are to help you acquire necessary skills in a problem domain, and to enable you to conduct a well-defined project with specific outcomes within a precisely defined project plan. This unit also teaches you how to prepare a well written project report.

**Assumed knowledge:** Completion of at least 48 credit points of Postgraduate level IT units is assumed knowledge.  
**Other requisites:** Students must complete INN696-2 to receive a grade for this unit  
**Credit points:** 24  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1, 2010 SEM-2 and 2010 SUM

**INN696 MAJOR PROJECT 2**

The aims of this unit are to help you acquire necessary skills in a problem domain, and to enable you to conduct a well-defined project with specific outcomes within a precisely defined project plan. This unit also teaches you how to prepare a well written project report.

**Prerequisites:** INN696-1  
**Assumed knowledge:** Completion of at least 48 credit points of Postgraduate level IT units  
**Credit points:** 24  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1, 2010 SEM-2 and 2010 SUM

**INN700 INTRODUCTION TO RESEARCH**

This unit is aimed at those seeking to undertake a major research project. Except in unusual circumstances, you should have a project in mind and have organised a supervisor.

**Assumed knowledge:** Must be concurrently enrolled in either full-time or part-time Higher Research Degree (i.e. PhD, ProDoc, Research Masters, or Honours) or, if coursework masters then a 48cp research project. In all instances, must have a formal Principle Supervisor  
**Equivalents:** ITN100  
**Other requisites:** Unit Coordinator Approval and a course GPA of at least 5.5 is required to enrol.  
**Credit points:** 12  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1, 2010 SEM-2 and 2010 SUM

**INN701 ADVANCED RESEARCH TOPICS**

This unit is designed to allow for the significant development of, or emphasis in, information systems not dealt with in other course units. Selected topics and study areas are offered as required and when the expertise is available. See School of Information Systems announcements for details of topics being offered.

**Equivalents:** ITN269  
**Credit points:** 12  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1, 2010 SEM-2 and 2010 SUM

**IN5040 PROFESSIONAL EXPERIENCE (POSTGRADUATE)**

Advanced Standing may be applied for Professional/Industry Experience. For application instructions, please refer to: www.scitech.qut.edu.au/documents/study/courses/vre/IN5040.pdf

**Credit points:** 12  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1

**INS450 CCNA 1 AND 2 NETWORK FUNDAMENTALS AND ROUTING**

This unit provides in-demand Internet technology skills for designing, building and maintaining networks. Combining instructor-led, online education with hands-on laboratory exercises, the curriculum enables students to apply what they learn in class while working on actual networks. From building basic networking skills to advanced VLAN troubleshooting, the Networking Academy curriculum prepares students for industry certification that lead to
lifelong opportunities. Particular emphasis is given to using
decision-making and problem-solving techniques in the
application of science, mathematics, communication and
social studies concepts to solve networking problems.


INS451 CCNA 3 AND 4 LAN SWITCHING
This unit is the second step to a Cisco career certification path. The aim of this unit is to prepare students for the topics covered in Interconnecting Cisco Networking Devices Part 2 (ICND2) v1.0 (640-816) and Cisco Certified Network Associate Exam (CCNA 640-802). The ICND exam is one of the two qualifying exams available to candidates pursuing a two-exam option for the Cisco Certified Network Associate (CCNA) certification and CCNA 640-802, single-exam option for the Cisco Certified Network Associate CCNA certification.

Prerequisites: INS450 which can be studied in the same teaching period as INS451   Antirequisites: INS351   Equivalents: ITS702, ITS602   Credit points: 12   Contact hours: 3 per week   Campus: Gardens Point   Teaching period: 2010 SEM-1 and 2010 SEM-2

INS452 CCNP1: BUILDING SCALABLE INTERNETWORKS
This unit is the second step to a Cisco career certification path. It provides more knowledge and practical skills on Wide Area Network through various routing protocols and layer 2 related technologies. This unit provides you with advanced level of study on WAN technologies.

Prerequisites: INS451   Antirequisites: INS352   Equivalents: ITS703   Credit points: 12   Contact hours: 3 per week   Campus: Gardens Point   Teaching period: 2010 SEM-1

INS453 CCNP 2: BUILDING MULTI LAYERED SWITCHED NETWORKS
This unit provides more knowledge and practical skills on building multi-layered switched networks. The aim of the unit is to provide professional knowledge and skills focusing on multi layer switched networks.

Prerequisites: INS452   Antirequisites: INS353   Equivalents: ITS704   Credit points: 12   Contact hours: 3 per week   Campus: Gardens Point   Teaching period: 2010 SEM-2

INS454 CCNP3: BUILDING MULTI LAYERED SWITCHED NETWORKS
This unit is the second step to a Cisco career certification path. It provides more knowledge and practical skills on securing enterprise networks with various security technologies. The aim of this unit is to provide professional knowledge and skills focusing on securing LANs and WANs environment.

Prerequisites: INS451   Antirequisites: INS354   Equivalents: ITS705   Credit points: 12   Contact hours: 3 per week   Campus: Gardens Point   Teaching period: 2010 SEM-1

INS455 CCNP4: OPTIMISING CONVERGED NETWORKS
This unit provides more knowledge and practical skills on optimising converged networks. The aim of the unit is to provide professional knowledge and skills focusing on converged networks.

Prerequisites: INS454   Antirequisites: INS355   Credit points: 12   Contact hours: 3 per week   Campus: Gardens Point   Teaching period: 2010 SEM-2

ITN100 INTRODUCTION TO RESEARCH
This unit is aimed at those seeking to undertake a major research project. Except in unusual circumstances, you should have a project in mind and have organised a supervisor.

Credit points: 12   Campus: Gardens Point   Teaching period: 2008 SEM-1, 2008 SEM-2 and 2008 SUMMER

ITN201 ENTERPRISE ARCHITECTURES
The aim of this unit is to equip you with a broad awareness of various systems and models providing a complete solution to the information needs of an organisation, and to provide linkages with other units that you will be doing in your degree. This unit will introduce comprehensive frameworks that show the diversity of infrastructure and information system requirements and introduce the issues involved in aligning business and IT strategy. These frameworks link technology architectures, application architectures, data and information architectures and business architectures showing the inter-connectedness of systems.

Credit points: 12   Contact hours: 3 per week   Campus: Gardens Point   Teaching period: 2008 SEM-1 and 2008 SEM-2

ITN228 ENTERPRISE SYSTEMS
This subject presents and discusses important theoretical and practical aspects related to Enterprise Systems. Specifically, the subject looks at the Enterprise Systems Lifecycle (e.g. systems selection, implementation and post-implementation reviews) and socio-cultural facets surrounding Enterprise Systems (e.g. critical success factors, cultural influences, change management, benefits
realization). Well researched case studies will be used to better illustrate the relevance of the above mentioned topics. Furthermore, Extended Enterprise Solutions (ESS) such Customer Relationship Management (CRM), Supply Chain Management (SCM) and Enterprise Portals will also be introduced and discussed.

**Prerequisite(s):** IT38, IT45: ITN201  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2008 SEM-2

**ITN229 DATABASE DESIGN**
The aim of this unit is to help you develop your knowledge, understand a formal specification tool (ORM) for modelling information systems unambiguously and to apply this formal technique to conceptualise information systems found in many real world application domains.

**Prerequisite(s):** See Unit Outline  
**Credit points:** 12  
**Contact hours:** 3  
**Campus:** Gardens Point  
**Teaching period:** 2008 SEM-1

**ITN233 ENTERPRISE SYSTEMS APPLICATIONS**
The aim of this unit is to introduce one of the more complex and comprehensive Enterprise Systems applications. This unit introduces the business perspective and application of modules such as (FI, CO, PP, MM and S&D) and investigates the support provided by these systems and the integration between modules by following some of the major processes in a business. The unit enables students to experience the role of the business analyst view and the user's view of the system across a number of business processes which includes elements of the configuration activities.

**Prerequisite(s):** Nil  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2008 SEM-1

**ITN241 INFORMATION TECHNOLOGY MANAGEMENT**
Preparing you to be an IT professional through an understanding of the resources and strategies available for efficient and effective management of IT.

**Prerequisite(s):** IT45, IT38: ITN201  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2008 SEM-2  
**Incompatible with:** ITN251

**ITN253 CASE STUDIES IN ENTERPRISE SYSTEMS**
This unit seeks to develop business process analysts capable of working as consultants. It seeks to develop the generic skills expected in graduates and in particular to develop better interpersonal skills, better written and oral communication skills, skills in conflict resolution, negotiation, project planning and project management. You will learn to identify, analyse and consider interdependencies. You will increase your awareness for the challenges of teamwork. The projects also allow you to apply the theoretical knowledge gained in the pre-requisite unit to real practical problems. Overall, you will get insights into the skills, tools and services of consultants.

**Prerequisite(s):** ITN252  
**Corequisite(s):** ITN228  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2008 SEM-2  
**Incompatible with:** ITN282

**ITN264 INFORMATION SYSTEMS CONSULTING**
This unit examines the strategic and operational environment of an IS consulting firm. It looks at the lifecycle of an IS consulting engagement and the issues involved at each stage of that lifecycle. The marketplace for IS consulting firms is appraised to give students a better understanding of their positioning and the role of consultants within the different market sectors. Context is provided by examining specific IS consulting practices such as large scale software implementation, systems integration and development and IS Strategic Planning.

**Prerequisite(s):** Nil  
**Contact hours:** 3  
**Campus:** Gardens Point  
**Teaching period:** 2008 SEM-1

**ITN266 INFORMATION MANAGEMENT**
The aim of this unit is to provide you with an awareness of the activities in which IM professionals are engaged within various organisational contexts. Through the use of case studies, this unit will introduce the strategic and analytic elements that comprise information management activities such as the alignment of enterprise information and business planning, enterprise information policy, evaluation of information resources & systems and applications of the information inventory.

**Prerequisite(s):** IT45, IT38: ITN201  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2008 SEM-2  
**Incompatible with:** ITB266

**ITN272 INFORMATION TECHNOLOGY PROJECT MANAGEMENT**
The aim of this unit is to provide experience in IT project management issues. It prepares you for the management of IT projects.

**Prerequisite(s):** Nil  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2008 SEM-1 and 2008 SEM-2

**ITN274 MANAGEMENT ISSUES FOR INFO PROFESSIONALS**
The overall aim is to enable you to identify key management issues and encourage familiarity with understanding about common management problems within both libraries and other information agencies (call centres, help desk centres, IT consultancy firms and other information agencies). Using an integrated approach you will find that the subject draws from the field of organisational behaviour, case studies, as well as other literature specifically relating to practices in these types of information agencies. You will be encouraged...
to view organisations not as fixed but as constantly evolving entities as they attempt to meet the needs of their dynamic and changing environments. You will also receive useful training - applicable to workplace contexts - in the

**Prerequisite(s):** Nil  
**Credit points:** 12  
**Contact hours:** 36 hours per semester  
**Campus:** Gardens Point  
**Teaching period:** 2008 SEM-1

**ITN298 BUSINESS PROCESS MANAGEMENT**

The aim of this unit is to introduce you to modern methods and tools of business process management. These skills will be applied to the most complex, comprehensive and relevant IT applications. This unit also seeks to develop logical thinking and the capability to understand and deal with complex systems, within a business management framework. The unit's content will focus strongly on business process modelling, as a fundamental technique to manage the complexity associated with process management tasks within various contexts.

**Prerequisite(s):** Assumed knowledge equivalent to ITB298 understanding or ITN301  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2008 SEM-1

**ITN301 BUSINESS PROCESS MODELLING**

Credit points: 12  
Teaching period: 2008 SEM-2

**ITN360 CORPORATE SYSTEMS**

Credit points: 12  
Teaching period: 2008 SEM-1

**ITN361 SOCIO TECHNICAL SYSTEMS**

This unit introduces students to principles and techniques for designing, implementing and evaluating instruction which will enhance their client's ability to work within contemporary information environments. Different approaches to information literacy and information literacy education will be considered, and ways of conceiving teaching and learning will be explored.

**Prerequisite(s):** ITN336, ITN337  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2008 SEM-1

**ITN362 ORGANISATIONAL DATABASES**

Databases are a key feature in modern organisational systems. Stores of data are the prerequisite for organisational knowledge and are the substance of technology applications. Databases underpin all technologies, platforms and application areas such as online transactions (e.g. shopping), health information systems, web services, e-government, banking and geographical information systems. Corporate Systems Managers understand how databases are used in business domains and the benefits gained from capturing, storing and retrieving quality data to assist organisational planning and decision making. Professionals who understand the privacy and legislative requirements as they pertain to database security and management are increasingly in demand.

**Prerequisite(s):** Nil  
**Credit points:** 12  
**Teaching period:** 2008 SEM-1

**ITN363 PROJECT MANAGEMENT PRACTICE**

Credit points: 12  
Campus: Gardens Point  
Teaching period: 2008 SEM-2

**ITN364 INFORMATION SYSTEMS DEVELOPMENT**

Credit points: 12  
Teaching period: 2008 SEM-2

**ITN365 BUSINESS ANALYSIS**

Credit points: 12  
Teaching period: 2008 SEM-1

**ITN366 INFORMATION SYSTEMS OPERATIONS**

Credit points: 12  
Teaching period: 2008 SEM-1

**ITN370 PROJECT**

Credit points: 12  
Campus: Gardens Point  
Teaching period: 2008 SEM-1, 2008 SEM-2 and 2008 SUMMER

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