Bachelor of Corporate Systems Management (IT06)

If you wish to enrol in the Bachelor of Information Technology, you may like to consider our Dean's Scholars Program for OP1-2 students. If you are a female high school student, you may also apply for our ‘go for IT gURL’ merit scholarships.

Find out more about the range of scholarships available.

Cooperative Education Program
The Cooperative Education Program gives students the opportunity of 10-12 months paid industry placement during your course where they can integrate real experience with what they are learning in their degree. Companies that QUT’s Coop Ed students have worked with include Energéx, Boeing, CITEC, CSC Mining, Environmental Protection Agency, Dialog, UNiTAB, RACQ and many Queensland Government departments.

Students participating in this program enrol in INB300 Professional Practice in IT in the first semester of the program and in INB325 Corporate Systems Management Project in the second semester of the program. The cooperative education program and its mentoring and assessment requirements make up the required contact and assessment components of both units. Eligibility criteria apply. International students are not eligible due to visa restrictions.

Part-time students who are working in a professional IT position may be able to use their current employment to meet the criteria for completing INB300 Professional Practice in IT, after completion of 168 credit points in the Bachelor of Corporate Systems Management component, subject to meeting eligibility criteria. Further information about this option is available from Student Services, Level 3, O Block Podium, Gardens Point campus or see the unit outline for INB300.

Career Outcomes
The professional skills gained from the Bachelor of Corporate Systems Management are applicable across all business domains. Students will gain knowledge and an understanding of how to work with people and clients, operations, systems and production, while learning how to apply a strategic focus in a management role.

As a graduate, students can expect to work as a business analyst or consultant, enterprise architect, information or knowledge strategist, ICT project manager or IT infrastructure manager.

Scholarships
International students can access advanced standing arrangements on QUT’s international site.
Domestic applicants should view the credit information on the Student Services site.

**Deferment**

QUT allows current Year 12 school leavers to defer their undergraduate admission offer for one year, or for six months if offered mid-year admission, except in courses using specific admission requirements such as questionnaires, folios, auditions, prior study or work experience.

Non-year 12 students may also request to defer their QTAC offer on the basis of demonstrated special circumstances. Find out more on deferment.

**Unit Incompatibility/Translation Information**

Details on the translation and incompatibility of old and new units is located here:

Undergraduate 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.

Intermediate Level Electives

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

- INB120 Corporate Systems
- INB220 Business Analysis
- INB255 Security
- INB272 Interaction Design

Or, an INB300 level unit as approved by the course coordinator.

**Further Information**

For further information about this course, please contact the following:

**Science and Technology Course Co-ordinator**

Dr Taizan Chan
Phone: +61 73138 2782
Email: enquiry.scitech@qut.edu.au

**Bachelor of Corporate Systems Management 2010**

**Course Structure 2010**

<table>
<thead>
<tr>
<th>Year 1, Semester 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>INB103</td>
</tr>
<tr>
<td>INB120</td>
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<tr>
<td>INB101</td>
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<tr>
<td>INB122</td>
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</table>

<table>
<thead>
<tr>
<th>Year 2, Semester 1</th>
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</thead>
<tbody>
<tr>
<td>BSB115</td>
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<tr>
<td>INB123</td>
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<tr>
<td>INB124</td>
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<table>
<thead>
<tr>
<th>Year 2, Semester 2</th>
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</thead>
<tbody>
<tr>
<td>BSB126</td>
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<td>INB313</td>
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<table>
<thead>
<tr>
<th>Year 3, Semester 1</th>
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<tbody>
<tr>
<td>INB312</td>
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<td>INB322</td>
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<table>
<thead>
<tr>
<th>Year 3, Semester 2</th>
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</thead>
<tbody>
<tr>
<td>INB320</td>
</tr>
<tr>
<td>INB325</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Block B: Complementary Studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students select 96cp comprising of IT unit set(s) or from those offered by other Faculties at QUT. Alternatively, students may undertake eight elective units with the approval of the Course Coordinator.</td>
</tr>
</tbody>
</table>

**Information Management/Information Technology Management**

<table>
<thead>
<tr>
<th>INB312</th>
<th>Enterprise Systems Applications</th>
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<tbody>
<tr>
<td>INB335</td>
<td>Information Resources</td>
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</table>

**Adult and Community Learning**

<table>
<thead>
<tr>
<th>SPB100</th>
<th>Introduction to Adult Learning and Development</th>
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<tr>
<td>SPB106</td>
<td>Managing Learning Organisations</td>
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<tr>
<td>Course Category</td>
<td>Courses</td>
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<td>-------------------------------------</td>
<td>--------------------------------------------------------------------------</td>
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<tr>
<td>Banking and Finance</td>
<td>BSB13 Economics, BSB122 Quantitative Analysis and Finance, EFB101 Data Analysis for Business, EFB102 Economics 2, EFB201 Financial Markets, EFB210 Finance 1, EFB307 Finance 2, EFB312 International Finance</td>
</tr>
<tr>
<td>Creative Industries Management</td>
<td>KTB210 Creative Industries Management, KTB211 Creative Industries Events and Festivals, KTB104 Performance Innovation, KTB207 Staging Australia</td>
</tr>
<tr>
<td>Databases</td>
<td>INB210 Databases, INB270 Programming, INB340 Database Design, INB342 Enterprise Data Mining, Intermediate Level IT Elective</td>
</tr>
<tr>
<td>Entrepreneurship</td>
<td>AMB240 Marketing Planning and Management, AMB251 Innovation and Brand Management</td>
</tr>
<tr>
<td>Law</td>
<td>LWB136 Contracts A, LWB137 Contracts B, LWB141 Legal Institutions and Method, LWB142 Law, Society and Justice, LWB144 Laws and Global Perspectives, LWB482 Internet Law, LWB484 Electronic Commerce and Technology Contracts</td>
</tr>
<tr>
<td>Marketing</td>
<td>AMB200 Consumer Behaviour, AMB201 Marketing and Audience Research, AMB240 Marketing Planning and Management, AMB241 E-Marketing Strategies, AMB341 Strategic Marketing</td>
</tr>
<tr>
<td>Organisational Psychology</td>
<td>PYB007 Interpersonal Processes and Skills, PYB012 Psychology, PYB202 Social and Organisational Psychology, PYB302 Industrial and Organisational Psychology</td>
</tr>
<tr>
<td>Public Health</td>
<td>PUB251 Contemporary Public Health, PUB326 Epidemiology, PUB332 Sustainable Environments For Health, PUB406 Health Promotion Practice</td>
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</table>
# Intermediate Level Electives

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>INB120</td>
<td>Corporate Systems</td>
</tr>
<tr>
<td>INB220</td>
<td>Business Analysis</td>
</tr>
<tr>
<td>INB255</td>
<td>Security</td>
</tr>
<tr>
<td>INB272</td>
<td>Interaction Design</td>
</tr>
</tbody>
</table>

Or, an INB300 level unit as approved by the course coordinator.

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# Bachelor of Corporate Systems Management Part Time

## Part-time Course Structure 2010

### Year 1, Semester 1

- INB120 Corporate Systems
- INB122 Organisational Databases

### Year 1, Semester 2

- INB103 Industry Insights
- INB101 Impact of IT

### Year 2, Semester 1

- BSB115 Management Block B Unit

### Year 2, Semester 2

- INB123 Project Management Practice
- INB124 Information Systems Development

### Year 3, Semester 1

- INB220 Business Analysis
- INB221 Technology Management

### Year 3, Semester 2

- MGB223 Entrepreneurship and Innovation Block B Unit

### Year 4, Semester 1

- BSB126 Marketing Block B Unit

### Year 4, Semester 2

- INB313 Electronic Commerce Site Development Block B Unit

### Year 5, Semester 1

- INB312 Enterprise Systems Applications
- INB322 Information Systems Consulting

### Year 5, Semester 2

- INB300 Corporate Systems Management Project Block B Unit

### Year 6, Semester 1

- INB320 Business Process Modelling Block B Unit

### Block B: Complementary Studies

Students select unit set(s) from within the School of IT or from those offered by other Faculties at QUT. Alternatively, students may undertake eight elective units with the approval of the Course Coordinator.

### Information Management/Information Technology Management

- INB312 Enterprise Systems Applications
- INB335 Information Resources

### Adult and Community Learning

- SPB100 Introduction to Adult Learning and Development
- SPB102 Professional Communication in Adult Learning Contexts

### Banking and Finance

- BSB113 Economics
- BSB122 Quantitative Analysis and Finance
- EFB101 Data Analysis for Business
- EFB102 Economics 2
- EFB201 Financial Markets
- EFB210 Finance 1
- EFB307 Finance 2
- EFB312 International Finance

### Business Systems Engineering

- INB210 Databases
- INB270 Programming
- INB311 Enterprise Systems Intermediate Level IT Elective

### Creative Industries Management

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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>KTB061</td>
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<td>KTB062</td>
<td>Creative Industries Events and Festivals</td>
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<td>Performance Innovation</td>
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<td>Staging Australia</td>
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<td>UDB101</td>
<td>Stewardship of Land</td>
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<td>UDB104</td>
<td>Urban Development Economics</td>
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<td>UDB110</td>
<td>Residential Construction and Engineering</td>
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<td>UDB111</td>
<td>Engineering Construction Materials</td>
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<td>INB210</td>
<td>Databases</td>
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<td>INB270</td>
<td>Programming</td>
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<td>INB340</td>
<td>Database Design</td>
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<td>Enterprise Data Mining</td>
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<td>Electronic Business Applications</td>
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<td>BSB213</td>
<td>Governance Issues in E-Business</td>
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<td>E-Business Intelligence</td>
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<td>E-Marketing Strategies</td>
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<td>Interpersonal Processes and Skills</td>
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<td>Social Psychology</td>
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<td>Industrial and Organisational Psychology</td>
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<td>UDB110</td>
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<td>Managing Operations</td>
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<td>MGB314</td>
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<td>PUB326</td>
<td>Epidemiology</td>
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<td>Foundations of Health Studies and Health Behaviour</td>
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<tr>
<td>PUB406</td>
<td>Health Promotion Practice</td>
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<td>INB120</td>
<td>Corporate Systems</td>
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<td>INB220</td>
<td>Business Analysis</td>
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<td>INB255</td>
<td>Security</td>
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<td>INB272</td>
<td>Interaction Design</td>
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<tr>
<td>INB300</td>
<td>Managing in a Changing Environment</td>
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<tr>
<td>INB123</td>
<td>Project Management Practice</td>
</tr>
<tr>
<td>INB300</td>
<td>Managing in a Changing Environment</td>
</tr>
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</table>

### Construction Management - Administration

- UDB101: Stewardship of Land
- UDB104: Urban Development Economics
- UDB110: Residential Construction and Engineering
- UDB111: Engineering Construction Materials

### Databases

- INB210: Databases
- INB270: Programming
- INB340: Database Design
- INB342: Enterprise Data Mining

### Electronic Business

- BSB212: Electronic Business Applications
- BSB213: Governance Issues in E-Business
- BSB314: E-Business Intelligence
- INB210: Databases
- INB271: The Web
- INB311: Enterprise Systems
- INB342: Enterprise Data Mining

### Entrepreneurship

- AMB240: Marketing Planning and Management
- AMB251: Innovation and Brand Management

### Human Resource Management

- MGB207: Human Resource Issues and Strategy
- MGB211: Organisational Behaviour
- MGB314: Organisational Consulting and Change

### International Studies

- HHB107: World Regions
- HHB223: Islam and Islamic Societies
- HHB263: Politics Of Globalisation

### Law

- LWB136: Contracts A
- LWB137: Contracts B
- LWB141: Legal Institutions and Method

- LWB142: Law, Society and Justice
- LWB144: Laws and Global Perspectives
- LWB482: Internet Law
- LWB484: Electronic Commerce and Technology Contracts

### Management

- MGB210: Managing Operations
- MGB211: Organisational Behaviour
- MGB220: Business Research Methods
- MGB222: Managing Organisations
- MGB309: Strategic Management
- MGB334: Managing in a Changing Environment

### Marketing

- AMB200: Consumer Behaviour
- AMB201: Marketing and Audience Research
- AMB240: Marketing Planning and Management
- AMB241: E-Marketing Strategies
- AMB341: Strategic Marketing

### Organisational Psychology

- PYB007: Interpersonal Processes and Skills
- PYB012: Psychology
- PYB205: Social Psychology
- PYB302: Industrial and Organisational Psychology

### Public Health

- PUB251: Contemporary Public Health
- PUB326: Epidemiology
- PUB329: Foundations of Health Studies and Health Behaviour
- PUB406: Health Promotion Practice

### Intermediate Level Electives

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

### IT Elective List

- IT Elective Units
- INB123: Project Management Practice
INB221  Technology Management
INB311  Enterprise Systems
INB312  Enterprise Systems Applications
INB313  Electronic Commerce Site Development
INB373  Web Application Development
INB374  Enterprise Software Architecture
INB385  Multimedia Systems
INB386  Advanced Multimedia Systems
INB320  Business Process Modelling
INB321  Business Process Management
INB322  Information Systems Consulting
INB323  Smart Services
INB330  Information Management
INB331  Management Issues for Information Professionals
INB333  Information Programs
INB334  Information Issues and Values
INB335  Information Resources
INB340  Database Design
INB341  Software Development With Oracle
INB342  Enterprise Data Mining
INB350  Internet Protocols and Services
INB351  Computer Network Administration
INB352  Network Planning and Deployment
INB353  Wireless and Mobile Networks
INB356  Network Management
INB370  Software Development
INB371  Data Structures and Algorithms
INB372  Agile Software Development
INB374  Enterprise Software Architecture
INB300  Professional Practice in IT
INB305  Special Topic 4
INB304  Special Topic 3
INS352  CCNP1: Building Scalable Internetworks
INS350  CCNA 1&2 Network Fundamentals and Routing
INS351  CCNA 3&4 Lan Switching
INS353  CCNP 2: Building Multi Layered Switched Networks
INS354  CCNP3: Building Multi Layered Switched Networks
INS355  CCNP 4: Optimising Converged Networks
INB306  Project 1
INB307  Project 2
INB308  Project 3
INB355  Cryptology and Protocols
INB365  Systems Programming
INB880  Computational Intelligence for Control and Embedded Systems
INB345  Mobile Devices
INB346  Enterprise 2.0
INB347  Web 2.0 Applications
INB334  Information Issues and Values
INB335  Information Resources
INB340  Database Design
INB341  Software Development With Oracle
INB342  Enterprise Data Mining
INB350  Internet Protocols and Services
INB351  Computer Network Administration
INB352  Network Planning and Deployment
INB353  Wireless and Mobile Networks
INB370  Software Development
INB371  Data Structures and Algorithms
INB372  Agile Software Development
INB374  Enterprise Software Architecture
INB300  Professional Practice in IT
INB305  Special Topic 4
INB304  Special Topic 3
INS352  CCNP1: Building Scalable Internetworks
INS350  CCNA 1&2 Network Fundamentals and Routing
INS351  CCNA 3&4 Lan Switching
INS353  CCNP 2: Building Multi Layered Switched Networks
INS354  CCNP3: Building Multi Layered Switched Networks
INS355  CCNP 4: Optimising Converged Networks
INB306  Project 1
INB307  Project 2
INB308  Project 3
INB355  Cryptology and Protocols
INB365  Systems Programming
INB880  Computational Intelligence for Control and Embedded Systems
INB345  Mobile Devices
INB346  Enterprise 2.0
INB347  Web 2.0 Applications
INB334  Information Issues and Values

Potential Careers:
Business Analyst, Database Manager, Electronic Commerce Developer, Information Officer, Internet Professional, Manager, Programmer, Project Developer, Project Manager, Software Engineer, Systems Analyst, Systems Manager, Systems Programmer, Systems Trainer, Technical Officer, Technology Transfer Officer.

UNIT SYNOPSES

AMB200 CONSUMER BEHAVIOUR
This unit provides students with the fundamental theories and models to develop a sound understanding of consumers, their needs, and behaviours. It provides a detailed examination of the consumer decision process and the internal and external influences on this core decision process. The unit also assists students in applying this knowledge to the development, implementation and evaluation of marketing activities within an organisation.

Prerequisites: BSB126, CTB126, BSB116, or BSB117
Antirequisites: MIB204
Equivalents: CTB200
Credit points: 12
Contact hours: 3 per week
Campus: Gardens Point
Teaching period: 2010 SEM-1, 2010 SEM-2 and 2010 SUM

AMB201 MARKETING AND AUDIENCE RESEARCH
This unit provides an introduction to the conduct and evaluation of marketing and audience research across the disciplines of advertising, marketing and public relations. Class members explore how field studies, survey and experimental research are employed to support advertising, marketing and public relations information needs. The unit provides an overview of research process, research design, methods of data collection and analysis, and the development of research proposals to support decision-making. Class members also explore issues related to research on media audiences, research ethics, and the management of client briefings.
Prerequisites: BSB126, CTB126, BSB116, or BSB117
Antirequisites: MIB305, MGB220, COB334
Equivalents: CTB201

Credit points: 12  
Contact hours: 3 per week  
Campus: Gardens Point and Caboolture  
Teaching period: 2010 SEM-1, 2010 SEM-2 and 2010 SUM

AMB240 MARKETING PLANNING AND MANAGEMENT

This unit extends the student's knowledge of the fundamental marketing concepts and theories introduced in the Faculty Core unit in Marketing, by adding further breadth and depth of knowledge of marketing and developing skills in the application of this knowledge to marketing planning and management within the business environment. Emphasis is on the role of the marketing manager at the product management level in undertaking analysis, planning, implementation and control of marketing activities.

Prerequisites: BSB126 or CTB126  
Equivalents: CTB240  
Credit points: 12  
Contact hours: 3 per week  
Campus: Gardens Point and Caboolture  
Teaching period: 2010 SEM-1 and 2010 SEM-2

AMB241 E-MARKETING STRATEGIES

E-Business and mobile commerce technologies have emerged as defining technologies for companies in the 21st century. This unit focuses on e-marketing applications and strategies and the marketer's role in developing solutions that integrate new and old economies. Drawing on their knowledge of marketing principles, students will examine the diverse applications of technology in product and service design; product distribution/service delivery and logistics; promotional strategies and other marketing components. The unit also explores the role of emerging electronic models and the use of e-marketing strategies to achieve global competitive advantage.

Prerequisite(s): BSB116 or BSB126 or CTB126; and AMB240 or CTB240  
Contact hours: 3 per week  
Campus: Gardens Point  
Incompatible with: MIB224

AMB251 INNOVATION AND BRAND MANAGEMENT

This unit covers the dynamics of product and service innovation within the marketing function of an organisation. Products are defined in the broadest sense as both tangible and intangible and include the various categories of consumer and industrial products and services. The course covers product market analysis, the product/service development process, design, innovation, research and testing, new product financial analysis, branding and packaging, and new product commercialisation.

Prerequisites: BSB126, BSB116, or CTB126  
Antirequisites: MIB227  
Credit points: 12  
Contact hours: 3 per week  
Campus: Gardens Point  
Teaching period: 2010 SEM-2

AMB341 STRATEGIC MARKETING

Emphasis of the capstone Marketing unit is on the role of marketing manager at the corporate and strategic business unit/division levels. Students are exposed to a variety of strategic marketing techniques and issues, and learn how to apply these in corporate planning and management. Topics include: developing and critiquing strategic marketing planning models; recognising the importance of market focus; determining what marketing strategy can realistically be accomplished for a business; identifying underlying factors that must be considered in developing marketing strategy for a market-oriented organisation; discussing problems in successful implementation of marketing strategy; and organising for successful strategy implementation.

Prerequisite(s): AMB240 or CTB240 or MIB217  
Contact hours: 3 per week  
Campus: Gardens Point  
Incompatible with: MIB315, CTB341

BSB113 ECONOMICS

This unit introduces students to the key economic concepts and their practical applications. It comprises twelve topics each focusing on a current economic issue. Microeconomic topics include demand and supply, elasticity, production and cost theory and market structure. Macroeconomic topics include measuring GDP, inflation and unemployment, money and banking, and fiscal and monetary policy.

Antirequisites: BSD113  
Equivalents: CTB113  
Credit points: 12  
Contact hours: 3 per week  
Campus: Gardens Point and Caboolture  
Teaching period: 2010 SEM-1, 2010 SEM-2 and 2010 SUM

BSB115 MANAGEMENT

The unit provides an introduction to the theories and practice of management and organisations. Emphasis is on the conceptual and people skills that are needed in all areas of management and in all areas of organisational life. The unit acknowledges that organisations exist in an increasingly international environment where the emphasis will be on knowledge, the ability to learn, to change and to innovate. Organisations are viewed from individual, group, corporate and external environmental perspectives.

Antirequisites: BSD115  
Equivalents: CTB115  
Credit points: 12  
Contact hours: 3 per week  
Campus: Gardens Point and Caboolture  
Teaching period: 2010 SEM-1, 2010 SEM-2 and 2010 SUM

BSB122 QUANTITATIVE ANALYSIS AND FINANCE

To maintain the competitiveness of, and add value to, an organisation, today's managers have to make critical business and financial decisions. This unit is a preliminary study of the techniques for analysing business information, and will provide students with a framework for understanding the fundamentals of business and financial decision making. Topics include the following: the basic techniques of organising and analysing data; the application...
of probability and probability distributions; understanding a firm's investing, financing and dividend decisions; and the three main ideas underpinning financial decisions (time value of money, diversification and arbitrage).

**BSB126 MARKETING**
This introductory subject examines the role and importance of marketing to the contemporary organisation. Emphasis is placed on understanding the basic principles and practices of marketing such as the marketing concept, market segmentation, management information systems and consumer behaviour. The unit explores the various elements of the marketing mix, with special reference to product, price, distribution, and promotion, including advertising and public relations. By way of introduction only, key issues relating to services marketing, e-marketing and strategic marketing are also canvassed.

**Prerequisite(s):** BSB113 or CTB113  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point and Caboolture  
**Teaching period:** 2010 SEM-1 and 2010 SEM-2

**BSB212 ELECTRONIC BUSINESS APPLICATIONS**
This unit looks at the ways in which organisations adopt and use various electronic business applications in areas of e-commerce, business-to-consumer, business-to-business and intra-business relations. Business models and their impact in various industries are analysed, enabling students to assess the underlying business case, and determine the model's viability in a competitive environment. The issues associated with front-end and back-end e-business applications are considered.

**Prerequisite(s):** BSB112 or CTB112 or BSB119 or CTB119  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SUM

**BSB213 GOVERNANCE ISSUES IN E-BUSINESS**
This unit introduces students to a wide range of information technology governance issues which confront business professionals during the implementation and operation of e-business strategies. It aims to provide e-business and IT professionals with an understanding of current IT governance frameworks and to ensure they are familiar with risk management, fraud detection and prevention, audit and legal issues that are relevant to an organisation's e-business operations.

**Prerequisite(s):** Business students: BSB111 or CTB111 and BSB119 or CTB119. Other students: 96 credit points of approved study  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point

**BSB314 E-BUSINESS INTELLIGENCE**
This unit looks at corporate strategic decisions and the information technology decision support systems and e-business intelligence needed to support management in this process. Group and enterprise IT decisions systems, data warehousing and corporate portals will be examined together with e-business intelligence applications. SAS software skills for decision support and data mining and visualisation will be covered. An introduction to advanced intelligent systems, artificial intelligence and knowledge based support systems will also form part of the unit.

**Prerequisite(s):** 96 credit points of prescribed study in a degree program  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point

**EFB101 DATA ANALYSIS FOR BUSINESS**
The unit introduces the common statistical methods and tools for inference and decision making in business. It builds upon the concepts developed in the unit BSB122 Quantitative Analysis and Finance and covers important methods of data analysis with an emphasis on interpreting and understanding reported business and economic data. Topics include the concept of sampling error and sampling distributions, estimation and hypothesis testing, regression analysis, time series and an introduction to non-parametric statistical methods.

**Prerequisite(s):** BSB122 or CTB122  
**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SUM

**EFB102 ECONOMICS 2**
Consumer behaviour, the role of the government in market intervention, allocative efficiency and market structure are some of the fundamental issues in microeconomics addressed in this unit. Business cycles and the related issue of macroeconomic stabilisation policy are analysed and explained within the Australian context. The significance of the international economy is described through a discussion of foreign exchange markets, the Australian dollar and the terms of trade.

**Prerequisite(s):** BSB113 or CTB113  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point

**EFB201 FINANCIAL MARKETS**
This unit introduces students to the institutional structure of global financial markets, and thereby complements the understanding of theoretical finance gained in either BSB212 or EFB210. Topics covered include the functions of financial markets, the banking and payments system, financial system deregulation, non-bank financial institutions, stock exchange operations, debt markets, foreign exchange and financial markets and markets for financial derivatives.

**Prerequisites:** BSB113 or CTB113  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1 and 2010 SEM-2
EFB210 FINANCE 1
This unit covers the following topics: an introduction to the financial institutional framework; an introduction to debt and equity instruments; financial mathematics applied to the pricing of debt and equity securities; a firm's investment decision including Net Present Value (NPV) and Internal Rate of Return (IRR); introduction to risk and uncertainty using the Capital Asset Pricing Model (CAPM) and Weighted Average Cost of Capital (WACC) concept and risk management.
Prerequisites: BSB123 or BSB122 or MAB126 or (BSB110 and BSB113) Antirequisites: EFB206 Credit points: 12 Contact hours: 3 per week Campus: Gardens Point Teaching period: 2010 SEM-1, 2010 SEM-2 and 2010 SUM

EFB307 FINANCE 2
This unit includes the following topics: the financing decision - capital structure, debt versus equity, lease versus debt, term structure versus default structure of interest rates; the dividend decision - dividends versus capital gains, franked versus unfranked income; firm valuation; free cash flow model; evaluation of takeovers; Risk and Return - diversification, the CAPM model, its practical application and its relationship to efficient market hypothesis; introduction to forwards, futures, options, warrants, convertibles and risk management using financial derivatives.
Prerequisites: EFB210 Credit points: 12 Contact hours: 3 per week Campus: Gardens Point Teaching period: 2010 SEM-1 and 2010 SEM-2

EFB312 INTERNATIONAL FINANCE
This unit examines the theory and practice of international finance, including the mechanics and uses of the spot, forward, swap, futures and options markets in foreign exchange; the relationship between domestic and international capital markets; interest rate and exchange rate determination; risk management of foreign exchange; international trade finance; evaluation of offshore investment.
Prerequisites: EFB210 Antirequisites: EFB212, IBB202, EFB240 Credit points: 12 Contact hours: 3 per week Campus: Gardens Point Teaching period: 2010 SEM-1 and 2010 SEM-2

HBB107 WORLD REGIONS
This unit includes an overview of world regional geography. It highlights key themes in both physical and human geography within specific regions such as human-environment interactions, resource management, natural hazards, population and culture, and economic development.
Credit points: 12 Contact hours: 3 per week Campus:

Kelvin Grove Teaching period: 2009 SEM-2 Incompatible with: HUB202

HBB223 ISLAM AND ISLAMIC SOCIETIES
This unit provides a valuable learning opportunity for students to explore the origin and development of Islam. It will examine the influence of Islam on various areas of life including social, economic, political and human values. This unit employs a wide range of learning tools to construct a comprehensive and critical understanding of Islam.
Credit points: 12 Contact hours: 36 Campus: Carseldine Teaching period: 2009 SEM-1

HBB263 POLITICS OF GLOBALISATION
This unit includes: the political economy of production; the form of economic calculation and theories of value, profit and interest; ownership and control of production in market and non-market situations.
Contact hours: 3 per week Campus: Carseldine Incompatible with: HUB802

INB101 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 for 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: ITB361, INN101 Credit points: 12 Contact hours: 3 per week Campus: Gardens Point Teaching period: 2010 SEM-1 and 2010 SEM-2

INB103 INDUSTRY INSIGHTS
This unit aims to develop your awareness of the career possibilities in the ICT industry and to equip you with some of the essential skills required of an ICT professional. The unit helps you to derive a roadmap for your career; to enable you to identify the qualities, skills and interests you need to possess, to plan your career path. The unit will also introduce you the inter-disciplinary nature of ICT careers.
Antirequisites: ITB002 Credit points: 12 Contact hours: 3 per week Campus: Gardens Point Teaching period: 2010 SEM-1 and 2010 SEM-2

INB120 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.

**Antirequisites:** ITB360  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1

**INB122 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:** INN122  
**Equivalents:** ITB362  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1

**INB123 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.

**Antirequisites:** INN500  
**Assumed knowledge:**  
Completion of 48 credit points of an Undergraduate study is assumed knowledge.  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-2

**INB124 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.

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

**INB204 SPECIAL TOPIC 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.

**Prerequisites:** INB371  
**Assumed knowledge:**  
Knowledge of programming in Java, C# or C++. Knowledge of basic data structures (stacks, queues, trees, linked lists, hash tables), complexity analysis  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point

**INB205 SPECIAL TOPIC 2**

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:** INB255, INB351 and INB365  
**Assumed knowledge:**  
Basic computer security knowledge, a good understanding of the use of Unix operating systems, computer networking and Programming experience (such as Python, C#, C, Java).  
**Other requisites:** Students must have completed 192 credit points towards their bachelor degree. Students must have a GPA of 5.5  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point
INB210 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.

Assumed knowledge: Students are expected to have solid IT background knowledge (e.g., completion of at least 192 credit points) Equivalent: ITB004, ITB115 Credit points: 12 Contact hours: 3 per week Campus: Gardens Point Teaching period: 2010 SEM-2

INB220 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).

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

INB221 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.

Prerequisites: INB103 or ITB002 or INB120 or ITB360 Equivalent: ITN241, ITN251 and ITN366 Contact hours: 3 per week Campus: Gardens Point Teaching period: 2010 SEM-1

INB255 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: ITB161, ITB523, ITB623 and ITN161 Equivalent: ITB730 Credit points: 12 Contact hours: 3 per week Campus: Gardens Point Teaching period: 2010 SEM-1

INB270 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.

Prerequisites: INB104 or ENB246 Antirequisites: ITB003, ITB112, ITB411, INN270 Credit points: 12 Contact hours: 3 per week Campus: Gardens Point Teaching period: 2010 SEM-2

INB271 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.

Prerequisites: INB104 Antirequisites: INB373 and INN373 and ITB007 and ITB227 and ITN007 and ITN227 Credit points: 12 Contact hours: 3 per week Campus: Gardens Point Teaching period: 2010 SEM-1

INB272 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.

Prerequisites: INB103 or INB181 Equivalent: ITB254 Credit points: 12 Contact hours: 3 per week Campus:
INB300 PROFESSIONAL PRACTICE IN IT
In this unit you will have the opportunity to experience real world work experiences and to reflect on how your studies have prepared you for the work environment. This will give you the opportunity to plan on how to best take advantage of your remaining studies to prepare for your planned career. To help you to understand your future career you will be working in a team and/or group environments, seeing firsthand the challenges and constraints that arise during professional practice in a real world industry environment. You will develop a richer appreciation of the graduate capabilities required of all information technology professionals, particularly skills such as communication, negotiation and problem-solving strategies.

Antirequisites: ITSc020, INS010, INS011, INS012, INS020
Assumed knowledge: Completion of 168 credit points within BIT is assumed
Credit points: 12
Contact hours: 3 per week
Campus: Gardens Point
Teaching period: 2010 SEM-1, 2010 SEM-2 and 2010 SUM

INB304 SPECIAL TOPIC 3
Traditional Artificial Intelligence (AI) aims at satisfying the Turing test, that is, it aims at making computers indistinguishable from humans. Computer games AI aims at giving Non-Player Characters (NPC) behavioural artefacts that complement a game narrative. Computer game AI is a special area of study that deals with algorithmic approaches to entertainment affects in NPC. Students will develop in this unit an understanding of problems, solutions and algorithms that generally defines the current state of computer game AI. The aim of this unit is to provide students with an intermediate level course in computer game AI that involves a set of the most relevant algorithms and their applications in the interactive entertainment and game industries.

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

INB305 SPECIAL TOPIC 4
INB305 BGIIE Project Design Phase (P1) extends your work on the role, design, and plan of a computer game concept. The unit covers the conceptualisation and game design stages up to the game design pitch. If the project is given a green light by the assessment panel, it may be developed later in the P2 unit.

Prerequisites: INB371
Credit points: 12
Contact hours: 3 per week
Campus: Gardens Point
Teaching period: 2010 SEM-2

INB306 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.

Prerequisites: INB101, INB102, INB103, INB104 and INB201
Assumed knowledge: As a minimum requirement you must have completed at least 132 credit points of IT units, including INB101, INB102, INB103, INB104, INB201, four breadth units, and at least two specialisation units.
Equivalents: ITB230
Credit points: 12
Contact hours: 3 per week
Campus: Gardens Point
Teaching period: 2010 SEM-1, 2010 SEM-2 and 2010 SUM

INB307 PROJECT 2
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: Assumed knowledge is completion of 192cp of which at least 144cp must be IT units
Equivalents: ITB791
Credit points: 12
Contact hours: 3 per week
Campus: Gardens Point
Teaching period: 2010 SEM-1, 2010 SEM-2 and 2010 SUM

INB308 PROJECT 3
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:** Assumed knowledge is completion of 192 credit points of which at least 144 credit points must be for IT units  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1, 2010 SEM-2 and 2010 SUM

**INB311 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.

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

**INB312 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: ITB233, INN312  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

**INB313 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.

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

**INB320 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.

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

**INB321 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.

Antirequisites: INN321  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

**INB322 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: ITB264, ITN264  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1
INB323 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: 2009 SEM-2  Incompatible with: Nil

INB325 CORPORATE SYSTEMS MANAGEMENT PROJECT
The ability to apply knowledge and skills to real-life situations is essential for information systems 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 management.

Antirequisites: ITB370  Assumed knowledge: Completion of at least 96 credit points of IT06 units, including INB101, INB103, INB120, INB122, BSB115, INB123, INB124, INB220, INB221, MGB223, BSB126, INB300 is assumed knowledge.  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1 and 2010 SEM-2

INB330 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.

Prerequisite(s): Nil  Corequisite(s): Nil  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1  Incompatible with: ITN330

INB334 INFORMATION ISSUES AND VALUES
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: ITN274  Credit points: 12  Contact hours: IT04, IT06, IT07, IT09, IF29, IX53, IF48, IF58, IF59, IF90, IX09, IX25, IX55, IX56, IX57, IX58, IX49, IX63, IX65, IX69  Campus: Gardens Point

INB335 INFORMATION RESOURCES
The overall aim 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.

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

INB336 INFORMATION RESOURCES PROJECT
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.

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<tr>
<th>Equivalents: ITB322</th>
<th>Credit points: 12</th>
<th>Contact hours: 3 per week</th>
<th>Campus: Gardens Point</th>
<th>Teaching period: 2010 SEM-2</th>
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**INB340 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.

Prerequisites: INB210 or ITB004  
Antirequisites: ITB229  
Credit points: 12  
Contact hours: 3 per week  
Campus: Gardens Point  
Teaching period: 2010 SEM-1

**INB341 SOFTWARE DEVELOPMENT WITH ORACLE**
Oracle Corporation is the leading supplier of database software. 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.

It is expected that students undertaking this unit will have prior knowledge of relational database terminology and concepts, be thoroughly able to develop SQL for querying, updating and creating tables, and have a sound knowledge of database design.

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<th>Prerequisites: INB210 or ITB004 or INB122</th>
<th>Equivalents: ITB223</th>
<th>Credit points: 12</th>
<th>Contact hours: 3 per week</th>
<th>Campus: Gardens Point</th>
<th>Teaching period: 2010 SEM-2</th>
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**INB342 ENTERPRISE DATA MINING**
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.

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<tr>
<th>Prerequisites: INB122 or INB210 or INB340 or AYB114</th>
<th>Equivalents: INN342</th>
<th>Credit points: ITB239</th>
<th>Contact hours: 3 per week</th>
<th>Campus: Gardens Point</th>
<th>Teaching period: 2010 SEM-1</th>
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**INB345 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.

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

**INB346 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.

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

**INB347 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.

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

**INB350 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.

| Prerequisites: INB251 or ITB006 or ITB510 | Antirequisites: ITB264, ITB629, ITB720, ITN525, ITN667, ITN720 | Credit points: 12 | Contact hours: 3 per week | Campus: Gardens Point | Teaching period: 2010 SEM-1 |
INB351 COMPUTER 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: INB350  Equivalents: ITB721, ITB625, ITB535, ITB525  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

INB352 NETWORK PLANNING AND DEPLOYMENT
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.

Prerequisites: INB350  Antirequisites: ITB551, ITB628, ITB722, INN352, ITN551, ITN722  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

INB353 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.

Prerequisites: INB251 or ITB006  Antirequisites: ITN723  Assumed knowledge: Networks or equivalent networking knowledge is assumed knowledge  Equivalents: ITB723  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

INB355 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: ITB646, ITB548, ITB566  Assumed knowledge: Maths B or equivalent is assumed knowledge.  Equivalents: ITB732  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

INB356 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  Antirequisites: INN365, ITB745, ITB706  Assumed knowledge: Fundamentals of computer architecture; high level programming languages (such as C, C++, Java Python) is assumed knowledge.  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

INB370 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.

Prerequisites: INB270 or ITB003 or INN270  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

INB371 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: INB270 or ITB003  Antirequisites: ITB711, ITB702, INN371  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1
INB372 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: INB370  Antirequisites: INN372, ITB612, ITB712  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-1

INB373 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.

Prerequisites: INB271 or ITB007  Antirequisites: INN373  Equivalents: ITB716 and ITN716  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

INB374 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: INB270 or ITB003  Equivalents: ITB717  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

INB385 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 contribute to the production of a creative work, using contemporary hardware and software technologies; develop the creative potential of temporal media forms and their placement and use within new media works; understand principles and conventions associated with the interpretation and production of meaning through interactive visual representation.

Prerequisites: INB103 or ITB002  Antirequisites: ITB257  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

INB386 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: INB385 (Special considerations may apply)  Equivalents: ITB259, ITN259  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

INB860 COMPUTATIONAL INTELLIGENCE FOR CONTROL AND EMBEDDED SYSTEMS
This is a specialisation unit in the area of infomechatronics that introduces five methods from the field of computational intelligence and relates them to applications on real time control and embedded systems. The methods are: Knowledge Base Systems, Fuzzy Control, Neural Networks, Reinforcement Learning and Evolutionary Computation. The unit also aims to teach the specific design and programming skills that will enable you to solve problems using computational intelligence methods in real-time embedded systems. It is assumed that you already have knowledge of programming.

Antirequisites: ITB847  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

INS350 CCNA 1&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.

**Antirequisites:** INS450  
**Equivalents:** ITS701, ITS601, ITB011, ITN011  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1 and 2010 SEM-2

**INS351 CCNA 3&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:** INS350  
**Antirequisites:** ITB011, INS451  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1 and 2010 SEM-2

**INS352 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:** INS351  
**Antirequisites:** INS452  
**Assumed knowledge:** INS350, CCNA 1/2/3/4 are recommended prior study  
**Equivalents:** ITS703  
**Credit points:** 12  
**Teaching period:** 2010 SEM-1

**INS353 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 layered switched networks.

**Prerequisites:** INS352  
**Antirequisites:** INS453  
**Equivalents:** ITS704  
**Credit points:** 12  
**Teaching period:** 2010 SEM-2

**INS354 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:** INS351  
**Antirequisites:** INS454  
**Assumed knowledge:** INS350 and INS351 are recommended prior study  
**Equivalents:** ITS705  
**Credit points:** 12  
**Teaching period:** 2010 SEM-1

**INS355 CCNP 4: 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:** INS354  
**Antirequisites:** INS455  
**Credit points:** 12  
**Teaching period:** 2010 SEM-2

**KTB061 CREATIVE INDUSTRIES MANAGEMENT**  
This unit introduces management techniques within the Australian creative industries environment including company structures, cultural policy, strategic management and leadership in the arts, legal, ethical, economical and social requirements of arts, boards, and entrepreneurial activity.

**Prerequisite(s):** Completion of 72 credit points of study  
**Credit points:** 12  
**Teaching period:** 2008 SEM-1

**KTB062 CREATIVE INDUSTRIES EVENTS AND FESTIVALS**  
Combination of practical and theoretical investigation into how strategy and mission work in arts agencies in arts, events, promotion and public relations in Australia.

**Prerequisite(s):** Completion of 72 credit points of study  
**Credit points:** 12  
**Teaching period:** 2008 SEM-1

**KTB104 PERFORMANCE INNOVATION**  
The aim of this unit is to give you an appreciation and understanding of performance innovation in both historical and contemporary contexts.

**Equivalents:** KTB271  
**Credit points:** 12  
**Teaching period:** 2010 SEM-2
KTB207 STAGING AUSTRALIA
This unit introduces key concepts and practices pertaining to Australian theatre and drama of the twentieth and twenty-first centuries. Theatre practices are explored in relation to broader social and political concerns.

Prerequisites: LWB136    Credit points: 12    Contact hours: 3 hours per week    Campus: Kelvin Grove    Teaching period: 2010 SEM-2

KTB210 CREATIVE INDUSTRIES MANAGEMENT
This unit introduces management techniques within the Australian creative industries environment including company structures, cultural policy, strategic management and leadership in the arts, legal, ethical, economical and social requirements of arts, boards, and entrepreneurial activity.

Prerequisites: Completion of 72 credit points of study or admission to KK86, KK88, KJ42 or IX96    Equivalents: KTBO61    Credit points: 12    Contact hours: 3 per week    Campus: Kelvin Grove    Teaching period: 2010 SEM-1

KTB211 CREATIVE INDUSTRIES EVENTS AND FESTIVALS
Combination of practical and theoretical investigation into how strategy and mission work in arts agencies in arts, events, promotion and public relations in Australia.

Prerequisites: Completion of 72 credit points of study or admission to KK86, KK88, KJ42 or IX96    Antirequisites: KTP406    Equivalents: KTBO62    Credit points: 12    Contact hours: 3 per week    Campus: Kelvin Grove    Teaching period: 2010 SEM-2

LWB136 CONTRACTS A
This unit includes the following: formation of contracts; equitable estoppel; privity of contract; formalities; express and implied terms; an examination of promises which are legally binding; how contractual promises may be characterised and the significance of that characterisation.

Credit points: 12    Contact hours: 3 per week    Campus: Gardens Point and External    Teaching period: 2010 SEM-1 and 2010 SEM-2

LWB137 CONTRACTS B
Legally binding promises pervade society, from uncomplicated bargains like riding on a bus to complex multi-million dollar transactions. The law of contract provides an understanding of promises which are legally binding, how contractual promises may be characterised and the significance of that characterisation, and how contractual promises may be discharged or invalidated. This is the second of two associated units which examine the law of contract, the focus of this unit being on the discharge of contracts, remedies for breach and the invalidation of contracts. The two units together provide the foundation for several units encountered later in the course.

Prerequisites: LWB136    Credit points: 12    Contact hours: 3 hours per week    Campus: Gardens Point and External    Teaching period: 2010 SEM-1 and 2010 SEM-2

LWB141 LEGAL INSTITUTIONS AND METHOD
This unit introduces students to the building blocks of law: fundamental principles; legal terminology; legal institutions; legal methodology; sources of the law; ways to interpret the law including an introduction to policy and international considerations. The material is presented as an integrated whole so that students obtain a broad perspective and an ability to 'navigate the law' without artificially dividing any particular aspect. The unit also emphasises the joint responsibility of the teacher and the student for learning and to foster the development of skills in communication, comprehension and analysis.

Credit points: 12    Contact hours: 3 per week    Campus: Gardens Point    Teaching period: 2008 SEM-1 and 2008 SEM-2    Incompatible with: LWB101, LWB135

LWB142 LAW, SOCIETY AND JUSTICE
This unit examines the basic tenets of our democratic liberal legal system, particularly the central concept, the rule of law. The unit begins with an historical development of rights and the rule of law. It looks at how law and values intertwine and how society at a particular time shapes notions of legal personality, the recognition of 'family' and human rights in law. It finally addresses the limitations of democratic liberalism and the rule of law by examining the reality of equality before the law in relation to such topics as gender and cultural neutrality, equal access to justice, and lawyers and the adversarial system.

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

LWB144 LAWS AND GLOBAL PERSPECTIVES
This unit is designed to give students an understanding of the global context in which Australia operates and the important impact of this context on Australian law and legal practice. The unit introduces and explains the fundamental structures and principles of Comparative Law, Public International Law and Private International Law; and examines their relevance to contemporary legal practice in Australia.

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

LWB482 INTERNET LAW
This unit addresses the idea that it is vital for any participant in the digital age to gain a thorough knowledge of the structure, governance and regulation of the Internet, digital intellectual property, and risk management strategies for
stakeholders.
Credit points: 12  Contact hours: 2 per week  Campus: Gardens Point and External  Teaching period: 2010 SEM-1

LWB484 ELECTRONIC COMMERCE AND TECHNOLOGY CONTRACTS
This unit allows a student to: examine and critique the law relating to electronic commerce and technology contracts; gain an awareness of the essential clauses in computer system acquisition agreements; understand essential clauses in software development, licensing and distribution agreements; appreciate civil and criminal liability and risk management strategies; develop a focus of critique about the underlying design, content, and practice of electronic commerce.
Prerequisite(s): Nil  Corequisite(s): Nil  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point and External  Teaching period: 2009 SEM-2
Incompatible with: Nil

MGB207 HUMAN RESOURCE ISSUES AND STRATEGY
This unit provides a broad overview of the role and functions of human resource management (HRM) and explores the contribution of HRM to business performance and quality of work life. This unit gives you a foundation for professional practice in HRM and a practical introduction to the ways that organisations go about aligning the contributions of their people with business goals.
Prerequisite(s): BSB115 or CTB115  Equivalents: CTB207  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1 and 2010 SEM-2

MGB210 MANAGING OPERATIONS
This unit extends general management approaches to the production operations subsystems of service and manufacturing organisations. The unit focuses on the deployment of productive resources in order to maximise the added value of services and products. Issues of quality and efficiency are considered analytically in terms of broader strategies and constraints. It considers the opportunities that new technology brings to operational strategies in both manufacturing and service. Project management principles are considered in relation to resource deployment and continuous improvement.
Prerequisite(s): BSB115 or CTB115  Equivalents: CTB234  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1 and 2010 SEM-2

MGB211 ORGANISATIONAL BEHAVIOUR
The unit examines theory and research related to individual and collective human behaviour in organisations. A multi-level approach that focuses on individuals, groups, the organisation as an entity, and the relationship among these elements is adopted. In addition, the unit addresses major themes in the field and provide students with an opportunity to use the body of knowledge to diagnose, interpret and understand issues within these themes. This unit helps students to understand the role that people, as individuals and in groups, play in organisations and to apply this knowledge in creating more effective and efficient work places.
Prerequisite(s): MGB220 or AMB201 or CTB201  Corequisite(s): MGB220 or AMB201 or CTB201  Contact hours: 3 per week  Campus: Gardens Point  Incompatible with: CTB211

MGB220 BUSINESS RESEARCH METHODS
The unit will develop your understanding of business research methods so that you can undertake research into workplace issues and problems as well as being able to critically analyse the appropriateness of research findings for the real world.
Prerequisites: BSB123 or BSB122 AMB201, CTB201  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1  Antirequisites: Nil

MGB222 MANAGING ORGANISATIONS
This unit develops an understanding of the organisation in both its internal and external environment and the demands of managing the organisation's resources and performance. It raises contemporary issues in management and their implications for competitive advantage, focusing on various organisational sub-systems including HR, technology, structure and design. This unit provides a foundation of knowledge for the management and HRM majors. In this unit there is a focus on strategy, leadership and internationalisation.
Prerequisite(s): BSB115 or CTB115  Contact hours: 3 per week  Campus: Gardens Point  Incompatible with: CTB232

MGB223 ENTREPRENEURSHIP AND INNOVATION
This unit introduces students to the nature and characteristics of entrepreneurship and innovation and explores the inter-relationship between the two within contemporary economies from managerial perspective. Learning will be directed towards developing the theoretical and applied knowledge, skills, and attitudes that will support and enhance innovation and enterprise creation activity, through the development of a business plan. The unit is designed for those individuals interested in creating a new venture or working in industries as employees of venture owners or those that serve this sector. Students will have opportunity to build a comprehensive plan of their business concept.
Prerequisite(s): BSB115 or CTB115  Equivalents: Nil
CTB223 Credit points: 12  Contact hours: 3 per week  
Campus: Gardens Point and Caboolture  
Teaching period: 2010 SEM-1 and 2010 SEM-2

MGB309 STRATEGIC MANAGEMENT
In this unit fundamental elements of strategy, which can be used in the decision making process, are placed in a framework that is developed within the particular context of Australia's economic development position. The emphasis is upon process and content issues that affect the strategic performance and positioning of the organisation. This involves creating an understanding of the universal building blocks of competitive advantage at the business, corporate and international levels. By understanding the nature and determinants of competitive and strategic advantages, students should enhance their professional competences to be able to take a more strategic and critical perspective.  
Prerequisites: MGB200, MGB211, CTB211, MGB222, or CTB232  
Antirequisites: MIB314  
Credit points: 12  
Contact hours: 3 per week  
Campus: Gardens Point and Carseldine  
Teaching period: 2010 SEM-1 and 2010 SEM-2

MGB314 ORGANISATIONAL CONSULTING AND CHANGE
Managing change is a fundamental skill required by prospective managers and professionals. This unit provides opportunities for students to develop a theory in practice orientation to consulting to individuals, groups, and organisations. Hence content theory and process theory is addressed. The focus of this unit is on human process issues and change. The unit examines a range of human process interventions designed to improve organisational effectiveness. Attention is also given to change strategies that are socially and culturally inclusive. Graduates of this unit should be able to be productive members of organisational change teams.  
Prerequisites: MGB211, CTB211, MGB222, CTB232, or MGB200  
Credit points: 12  
Contact hours: 3 per week  
Campus: Gardens Point and Carseldine  
Teaching period: 2010 SEM-1

MGB334 MANAGING IN A CHANGING ENVIRONMENT
This unit provides students with conceptual and analytic tools required for managing changing environments. The emphasis is on developing an understanding of the management competencies required for managing flexibility, innovation and change. The unit moves beyond a focus on 'dot.com companies' to examine how a range of organisations both small and large are engaging issues associated with an increasing emphasis on technology.  
Prerequisite(s): BSB212 or MGB222 or CTB232 or 96 credit points of approved study  
Contact hours: 3 per week  
Campus: Gardens Point and Carseldine  
Incompatible with: BSB312, CTB334

PUB251 CONTEMPORARY PUBLIC HEALTH
This unit provides an introduction to the following: the philosophy and approach of public health; the traditional public health process; the multidisciplinary nature of public health; and health policy and its impact on public health. Recent reformulations of traditional public health approaches including health promotion, intersectoral action for health and healthy public policy are examined. The role of public health in Australia and overseas, its main discipline components and some of the constraints faced by public health is also addressed. This unit considers groups with special needs and contemporary issues.  
Antirequisites: PUN106  
Credit points: 12  
Contact hours: 4 per week (KG and Ext Sem 1; KG Sem 2)  
Campus: Kelvin Grove and External  
Teaching period: 2010 SEM-1 and 2010 SEM-2

PUB326 EPIDEMIOLOGY
Epidemiology is the core scientific method of public health. It is the study of the distribution of health and disease in the population and includes research into causes of disease and the effectiveness of public health programs. Epidemiological methods are used to generate the evidence base for clinicians, health promotion specialists, health educators, occupational and environmental health officers and health service managers.  
Antirequisites: HLN710  
Assumed knowledge: Successful completion of 96cp is assumed prior knowledge  
Credit points: 12  
Contact hours: 3 per week (Ext PU40 Pub Hlth students only)  
Campus: Kelvin Grove and External  
Teaching period: 2010 SEM-1

PUB329 FOUNDATIONS OF HEALTH STUDIES AND HEALTH BEHAVIOUR
This unit examines the foundations of the health education discipline, its theoretical framework, and the concepts of health models, health education and health promotion. Theories of change are analysed in their application to health education and health promotion practice for a range of professionals, including teachers.  
Credit points: 12  
Contact hours: 3 per week  
Campus: Kelvin Grove  
Teaching period: 2008 SEM-1

PUB332 SUSTAINABLE ENVIRONMENTS FOR HEALTH
Antirequisites: PUB107  
Credit points: 12  
Teaching period: 2010 SEM-1

PUB406 HEALTH PROMOTION PRACTICE
This unit ties together the fundamental health promotion knowledge and constructs covered in earlier units in the public health subject area. It builds upon this basis to introduce students to the range of strategies available to a health promotion practitioner. The unit promotes an appreciation of the strengths and weaknesses of different
approaches, as well as related administrative factors. Students undertake a small health promotion project in groups of 3-4. This is an essential field of study for those students who wish to work in a health promotion or related field.

**Prerequisites:** PUB251 or PUB530  
**Credit points:** 12  
**Contact hours:** 3  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-1

**PYB007 INTERPERSONAL PROCESSES AND SKILLS**

Psychology is generally a people-based profession with many positions involving not only understanding and testing people but communicating with them. More broadly however in most areas of modern work, and indeed within personal relationships, people need developed interpersonal skills and the ability to conceptualise interactive processes. The microskills for communication are also the foundation for helping relationships and counselling.

**Antirequisites:** PYB074, HHB113, PYB111  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point and Kelvin Grove  
**Teaching period:** 2010 SEM-1 and 2010 SEM-2

**PYB012 PSYCHOLOGY**

The body of knowledge which defines Psychology as a discipline is basic to an understanding of human behaviour and interaction. Psychological theories, concepts and methods of investigation provide ways of evaluating personal and professional practice. Informed practice can then seek to meet the needs of individuals, groups and communities. All professional people need to have frameworks for understanding their own behaviour and that of others. This unit provides students with essential knowledge as a basis for their personal and professional effectiveness. It is the foundation for understanding further study in psychology and its many applications.

**Equivalents:** PYB100, PYB101  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point and Kelvin Grove  
**Teaching period:** 2010 SEM-1 and 2010 SEM-2

**PYB202 SOCIAL AND ORGANISATIONAL PSYCHOLOGY**

People are social beings. Their thoughts, feelings and actions are influenced by the real, imagined or implied presence of others. To obtain greater insight into people’s behaviour, it is essential to investigate scientifically the relationship between the individual and the group. The effects of the individual within the group and the group upon the individual are studied.

**Prerequisites:** PYB100, PYB102 or PYB101  
**Credit points:** 12  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-1

**PYB205 SOCIAL PSYCHOLOGY**

People are social beings. Their thoughts, feelings and actions are influenced by the real, imagined or implied presence of others. To obtain greater insight into people's behaviour, it is essential to investigate scientifically the relationship between the individual and the group. The effects of the individual within the group and the group upon the individual are studied.

**Prerequisite(s):** PYB100 or PYB101 or PYB102  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Carseldine  
**Teaching period:** 2007 SEM-1

**PYB302 INDUSTRIAL AND ORGANISATIONAL PSYCHOLOGY**

Participation in the workplace is an integral component in the lives of most people. It is important therefore to understand the behaviour of people, individually and collectively, within the workplace. Industrial and organisational psychologists are concerned with advancing the knowledge of the relationship between people and work, and using this knowledge to promote the effective organisation of human resources.

**Prerequisites:** PYB205 or PYB202  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-1

**SPB100 INTRODUCTION TO ADULT LEARNING AND DEVELOPMENT**

Educators and trainers play a significant role in assisting adults to learn and to facilitate the development of effective learning strategies and environments. To do this they must understand human development and the psychology of teaching and learning both generally and as it applies to adults. This unit explores seminal learning theories and the emerging differentiation of these theories to explain adult learning experiences in diverse and challenging organisational and community contexts.

**Prerequisites:** EDB101  
**Credit points:** 12  
**Campus:** Internet and Kelvin Grove  
**Teaching period:** 2010 SEM-1

**SPB102 PROFESSIONAL COMMUNICATION IN ADULT LEARNING CONTEXTS**

In order to successfully complete the degree program and to operate in professional contexts, students need to develop competence in a range of professional communication and information literacy skills. They also need to understand the principles and conventions of acknowledgement and referencing of sources in order to maintain professional, academic and ethical standards. This unit is compulsory and must be undertaken in the first semester of the program.

**Corequisite(s):** EDB101  
**Credit points:** 12  
**Campus:** Internet and Kelvin Grove  
**Teaching period:** 2009 SEM-1
SPB106 MANAGING LEARNING ORGANISATIONS
In this Unit, students will develop understandings of social and educational policy drivers nationally and internationally and their impact on diverse learners. Gender implications are also considered. Students will be expected to use these understandings to review and critique contemporary and historical practices in adult, organisational learning as they have been presented and discussed in this and previous units.

Prerequisites: SPB104  Credit points: 12  Campus: Internet, Kelvin Grove and External  Teaching period: 2010 SEM-1

UDB101 STEWARDSHIP OF LAND
This interdisciplinary unit will introduce students to the characteristics of land and land tenure with a focus on land use and property rights. The particular issues of native title, land contamination, heritage and alternative utility will be covered. Thereafter the property development process will be described in general terms and emphasis placed on the impact of environmental and social factors on the financial evaluation. The final component will cover the management of land, both urban and regional. Case studies will demonstrate the part that each discipline plays in the stewardship of land and its development.

Equivalents: CNB105  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

UDB104 URBAN DEVELOPMENT ECONOMICS
This unit will introduce microeconomic and macroeconomics concepts applied to urban and regional development. The unit will initially focus on demand, supply and determination of prices, and other important microeconomic concepts, at the level of an individual development. Here, the value of microeconomics in explaining aspects of development is demonstrated using local and national examples. In doing so, this unit will also help to deepen the appreciation of the key steps in development and the role of the main actors. Since anyone development project does not occur in a vacuum, the unit will then broaden to consider the impact of changes in the national and local economy on land use and development, including business cycle, monetary and fiscal policy.

Credit points: 12  Contact hours: 4 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

UDB110 RESIDENTIAL CONSTRUCTION AND ENGINEERING
You learn to read plans and build a house by studying construction theory and legislation, visiting building sites, and sketching construction details. Focus on the four traditional methods of construction, brick veneer, cavity brick, block and timber, evolution of building, Building Code of Australia and Australian Standards; methods of construction; foundation and footings; linings; claddings; windows; doors; joinery; staircases; roof coverings; balanced cut and fill; services; retaining walls; acoustic and fire safety requirements; specifications for residential construction; protection to the public during construction; temporary support and demolition of structures; energy efficiency design; building defects and failures.

Credit points: 12  Contact hours: 6 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

UDB111 ENGINEERING CONSTRUCTION MATERIALS
Structural and non structural materials used in the construction process are examined focusing on the basic properties, construction applications, behaviour, strength, durability, suitability, and limitations. Material manufacture; acoustic and thermal properties; fire tests and fire hazard properties, issues such as cleaning, maintenance, corrosion protection, deterioration and ageing; Sustainable development; Material recycling, Storage on site, Installation processes; identification and causes of building defects and recommendations for potential remedies.

Equivalents: CNB102  Credit points: 12  Contact hours: 4 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1