Bachelor of Urban Development (Urban and Regional Planning) (UD40)

Year offered: 2010
Admissions: Yes
CRICOS code: 056387B
Course duration (full-time): 4 years
Domestic fees (indicative): 2010: CSP $3,700 (indicative) per semester
International Fees (indicative): 2010: $10,750 (indicative) per semester
Domestic Entry: February
International Entry: February
QTAC code: 412352
Past rank cut-off: 77
Past OP cut-off: 12
OP Guarantee: Yes
Assumed knowledge: English (4, SA)
Preparatory studies: For information on acquiring assumed knowledge visit http://www.studentservices.qut.edu.au/apply/ug/info/knowledge.jsp
Total credit points: 384
Standard credit points per full-time semester: 48
Course coordinator: Dr John Hayes
Discipline coordinator: Dr Severine Mayere (as of July 2010 - previously Mr Paul Donehue)
Campus: Gardens Point

Why choose this course?
Urban and Regional Planning at QUT combines a strong tradition of community involvement with design skills to develop your knowledge and capacity to identify better futures and the practical skills to achieve them.

Career outcomes
As a graduate of the Bachelor of Urban Development (Urban and Regional Planning) your employment prospects are excellent with an average starting salary of $38,000. You will be employed by consultancy firms, government bodies, land development companies, universities and research organisations. Urban and Regional Planners develop plans and policies for the use of land and resources. They aim to fulfil the social, cultural economic and environmental needs of the community. There are numerous employment opportunities in state and local government departments, with private sector planning consultants and land development enterprises. As well as urban & regional planning, graduates can build careers in housing, transport, urban design, strategic land-use planning, community health and welfare and land and resource development.

Practical teaching
With the emphasis on creative design and inclusive community planning, you will undertake practical, community based problem solving projects. You will also be exposed to live projects with local council planners and community groups.

Industry links
The Queensland division of the Planning Institute of Australia has close links with the School of Urban Development and actively promotes the Queensland Young Planners of which all QUT planning students are automatically members.

Course structure
The course provides integrated learning opportunities with allied disciplines of Spatial Science, Construction Management, Quantity Surveying and Property Economics.

Facilities / technology
You will have first-hand experience of the latest technologies used in the industry by evaluating your projects in QUT’s state-of-the-art 3-D Visualisation Laboratory.

Convenience
You will study at QUT’s Gardens Point campus in the centre of Brisbane, within easy walking distance to public transport, including buses, trains and ferries.

Who should do this course?
If you are interested in any of the following you may enjoy a career in Urban and Regional Planning:
- Social, economic, environmental and cultural issues.
- Art and design.
- Imagination and creativity.
- Working with people.

Overview
This course aims to educate students to become innovative leaders in professional planning, with the capacity and will to create a better world. Graduates will apply perceptive sensibilities and skills to create sustainable natural and human environments. The QUT course emphasises creative design and inclusive community planning. You will have the opportunity to work on live projects with local councils and community groups.
Profession Recognition
This course has received accreditation from the Planning Institute of Australia.

Second Major and Minors
You will have the opportunity to undertake a second major (8 units) or 2 minors (4 units each) to broaden your appreciation of fields related to urban and regional planning; for example: landscape architecture, urban design, surveying, property economics, law or business management.

Please refer your course rules before making your selection.

URBAN AND REGIONAL PLANNING Second Major and Minor Options

Second Major:
Choose one second major from the following options:

- Architectural Studies
- Landscape Architecture
- Spatial Science
- Property Economics Development
- Property Economics Investment
- Property Economics Valuation
- Construction Management
- Construction Management Residential Construction

OR

Minors:
Choose two minors from the following options. Remember, if you take two Minors, one Minor must be from outside your course:

Urban and Regional Planning Applications Minor (accreditation requirement)
- Landscape Architecture
- Spatial Science
- Architectural Studies
- Property Economics Development
- Property Economics Investment
- Property Economics Valuation
- BEE Sustainability Minor
- BEE International Minor
- BEE Indigenous Studies Minor
- BEE Research Minor
- BEE Project Collaboration Minor
- BEE Collaborative Design Minor
- A minor from anywhere in QUT

International Student Entry
International students must maintain an enrolment program that will allow them to complete their course within the specified timeframe of their eCoE (electronic Confirmation of Enrolment).

Deferment
Domestic students can defer their offer in this course for one year. In exceptional circumstances up to 12 months of additional deferment may be granted.

Find out more on deferment.

Further Information
School of Urban Development - Phone +61 7 3138 2678, Fax +61 7 3138 1515, email: bee.enquiries@qut.com

Full-time Course Structure - Commencing February 2010 onwards

**Year 1 - Semester 1**
- UDB100 Introducing Professional Learning
- UDB101 Stewardship of Land
- UDB161 Introduction to Planning and Design
- UDB162 History of Built Environment

**Year 1 - Semester 2**
- UDB200 Introducing Sustainability
- UDB104 Urban Development Economics
- UDB163 Land Use Planning
- UDB164 Population and Urban Studies

**Year 2 - Semester 1**
- UDB265 Site Planning
- UDB266 Planning Processes and Consultations
- A minor from anywhere in QUT

**Year 2 - Semester 2**
- UDB102 Applied Law
- UDB267 Development Assessment and Infrastructure
- A minor from anywhere in QUT

**Year 3 - Semester 1**
- UDB368 Urban Design
- UDB369 Negotiation and Conflict Resolution
- A minor from anywhere in QUT
Second Major/Minor unit

Year 3 - Semester 2
- UDB302 Development Process
- UDB370 Environmental Planning and Management
- Second Major/Minor unit
- Second Major/Minor unit

Year 4 - Semester 1
- UDB301 Research Methods
- UDB471 Urban Planning Practice
- UDB473 Planning Theory and Ethics
- BEB801 Project 1
  OR
- BEB802 Project 2

Year 4 - Semester 2
- UDB202 Business Skills
- UDB472 Community Planning
- UDB474 Regional Planning Practice
- UDB475 Regional and Metropolitan Policy

Second Major and Minor Options
- Please refer to Second Major and Minor information under Course Summary.

Potential Careers:
Urban and Regional Planner, Urban Designer.

UNIT SYNOPSISES

BEB801 PROJECT 1
This unit is usually taken in the final year of study. Students complete an individual project involving the application of skills and knowledge attained during the earlier years of their degree program. For some students, this unit will be taken one of two ‘project’ units related to the same student project; in such cases this unit may be a pre-requisite or co-requisite to the second unit (or a follow-on from the first unit). The final ‘deliverable’ for this unit may vary for each discipline and details will be provided in lectures/tutorials and on the Blackboard website.

Equivalents: CEB411, CEB420, CNB434, EEB781-1, EEB889-1
Credit points: 12
Contact hours: 2 per week
Campus: Gardens Point
Teaching period: 2010 SEM-1 and 2010 SEM-2

BEB802 PROJECT 2
This unit is usually taken in the final year of study, and is only taken by students completing a two unit project. Students complete an individual project involving the application of skills and knowledge attained during the earlier years of their degree program. This unit will be taken as the second of two ‘project’ units related to the same student project.

Equivalents: CEB415, EEB782-2, EEB889-2
Credit points: 12
Contact hours: 2
Campus: Gardens Point
Teaching period: 2010 SEM-1 and 2010 SEM-2

UDB100 INTRODUCING PROFESSIONAL LEARNING
This unit will introduce students to a range of skills and knowledge sets required to support professional practice in urban development disciplines. It will include information literacy and communication skills and knowledge development. In addition, the unit will provide orientation to urban development professions through an introduction to their history, their place in society, the importance of ethical conduct to their practice and to the particular qualities of professional knowledge especially with regard to practice knowledge. The importance of integrated scholarship and collaborative links with other professions will be highlighted.

Equivalents: BEB100
Credit points: 12
Campus: Gardens Point
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

UDB102 APPLIED LAW
Introduces the fundamental principles and practices of Australian governance as they affect the built environment professions. The relevance of government policies, laws and regulations and aspects of Tort, Contract and Land and Environmental laws applicable to the Development and Construction processes are examined in context.

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

UDB104 URBAN DEVELOPMENT ECONOMICS
This unit will introduce microeconomic and macroeconomic 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

**UDB161 INTRODUCTION TO PLANNING AND DESIGN**

This unit introduces students to basic principles of planning and urban design. Students learn about urban design principles such as legibility, permeability, robustness and imageability of places. Students also investigate the planning issues facing cities and consider the complex problem-solving skills required to respond to these.

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

**UDB162 HISTORY OF BUILT ENVIRONMENT**

This unit uses examples from the global development of human settlement to demonstrate the importance of interactions between the environment, society, and technology in shaping the built environment. Students will gain an appreciation of the important role played by history in forming the context for contemporary society, policy making, and design.

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

**UDB163 LAND USE PLANNING**

The purpose of this unit is to examine the planning and management of public and private land. Unit topics include: different performance and prescriptive zoning methods; an overview of levels of planning agencies responsible for land use planning in Queensland; and the land development process and regulations that govern land use planning.

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

**UDB164 POPULATION AND URBAN STUDIES**

This unit introduces the students to the demographic, economic, social and physical aspects of our cities to help understand the nature of cities we live in. The topics covered include: demographic and economic changes in cities, theoretical models of cities, issues such as social diversity, gentrification, masterplanned communities, and public spaces in cities.

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

**UDB200 INTRODUCING SUSTAINABILITY**

This unit will enable you as a graduating Built Environment and Engineering professional to take active and positive steps to transform professional practice in ways that promote the sustainability of our planet, our economy and our society. As future professionals in the fields of Design, Urban Development and Engineering Systems, you will need to understand and apply the concepts of sustainability in your professional practice if we are to achieve sustainable development in the 21st Century.

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

**UDB202 BUSINESS SKILLS**

This unit focuses on career preparation with a business orientation. Current popular business tools are assembled and critiqued. A sequential approach is used starting with characteristics of the Resume, business protocol and ethics, the business plan, assessing business risk and Professional Liability.

**Equivalents:** CNB228  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-2

**UDB265 SITE PLANNING**

The objective of this unit to assist students in learning and applying site planning theories and processes for a given site/areas within a city. The topics covered include: user stakeholder analysis, character analysis, site survey and site analysis, development of proposals.

**Prerequisites:** UDB161  
**Equivalents:** PSB431  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1

**UDB266 PLANNING PROCESSES AND CONSULTATIONS**

Students learn how land uses are generated and can be planned. They study the logic, role and methods of successive stages of planning processes including aims, information analysis and synthesis, evaluation, strategy development, monitoring and review. They learn how to consult widely in the community and with other professionals to develop and apply flexible and widely relevant planning processes.

**Prerequisites:** (UDB163 and UDB164) or ENB274 or DE40MJR-LNDARCH - Landscape Architecture Major  
**Equivalents:** PSB433  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1

**UDB267 DEVELOPMENT ASSESSMENT AND INFRASTRUCTURE**
The aim of this unit is to provide students with a grounding in the issues and skills related to the assessment of development applications and planning related to infrastructure. The unit will be conducted in two sections. The first will introduce students to the relevant legislation, procedures, and techniques associated with development assessment. The second will give students an understanding of issues related to the provision and maintenance of technical and social infrastructure, with particular reference to the importance of sustainability and the emergence of new technology and systems.

**Prerequisites:** UDB163 or DE40MJR-LANDARC  
**Equivalents:** PSB445  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-2

### UDB301 RESEARCH METHODS

Research Methods will introduce students to the range of methods and techniques that may be utilised in examining questions related to professional practice. A comprehensive overview of research methods will be provided in order that students are able to contribute to research as a part of their professional practice, and to enable them to critically analyse research findings and publications.

**Equivalents:** CB395  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1

### UDB302 DEVELOPMENT PROCESS

This unit brings together concepts gained on strategic evaluation, risk, time management, organisational behaviour, planning, construction and development feasibility analysis. It places this knowledge in a total project context and provides you with an understanding of the processes involved in property development from conception to completion and beyond.

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

### UDB368 URBAN DESIGN

This studio unit develops skills in urban design analysis and intervention through the transformation of urban design theory into policies and design proposals. Students are introduced to the production of urban design instruments (such as strategies and frameworks) and effective communication of desired urban design outcomes. Where possible, students participate in live projects, with inputs from industry, government and communities.

**Equivalents:** PSB451  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1

### UDB369 NEGOTIATION AND CONFLICT RESOLUTION

This unit introduces planning students to the theory and practice of negotiation and conflict resolution. The aim is that students will develop their ability to change their perspective on conflict by seeing it as an inevitable and sometimes valuable part of planning. Students will learn to develop empathy for those they are in conflict with while also communicating their own needs assertively. Content includes key principles of conflict resolution, and practical mediation/negotiation techniques.

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

### UDB370 ENVIRONMENTAL PLANNING AND MANAGEMENT

This unit provides an overview of methods and issues concerning the application of environmental planning and management. Topics focus on environmental impact assessment (EIA), adaptive management, bioregionalism and other models and methods of environmental management.

**Equivalents:** PSB462  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-2

### UDB471 URBAN PLANNING PRACTICE

Students develop skills of interpretation and problem solving to plan the development of a locality or suburb with a population of up to fifteen thousand. Consulting with local governments, communities and stakeholders, and working in supervised multi-disciplinary teams, they produce a real-world local area plans, integrating a wide range of housing, access, work, play, community, cultural and environmental concerns.

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

### UDB472 COMMUNITY PLANNING

Students gain information on the many issues involved in community planning, including affordable housing, environmental quality and design, employment, human services, community access and culture. Combining this with knowledge and skills acquired earlier in the course, they learn to produce solutions and formulate policies which link government policy to local outcomes. This involves community involvement, consultation and conflict resolution.

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

### UDB473 PLANNING THEORY AND ETHICS

The application of theory to practice defines the essence of planning. The unit explores the historical and contemporary theories of planning; links the relationship of theory to practice; defines the role of ethics in planning practice; and aids the student in developing his or her own theoretical and ethical foundation for planning practice.

**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1
UDB474 REGIONAL PLANNING PRACTICE
Students develop and apply the knowledge of policy formulation and skills of analysis and synthesis imparted in Regional and Metropolitan Policy, to real world problem-solving at a scale which is larger than a single local government. This culminating practice unit concentrates on the broader regional and metropolitan scales to develop skills in strategic-level planning.

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

UDB475 REGIONAL AND METROPOLITAN POLICY
Students learn to focus and apply material from a wide range of disciplines and locations to understand and develop current regional and metropolitan policy. Issues of global, national and state regionalism, demography, economics, human services, central place theory, regional resource evaluation and public administration are related to work in the Regional Planning Practice unit.

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