Master of Design (Urban Design) (DE50)

Year offered: 2010  
Admissions: Yes  
CRICOS code: 060812M  
Course duration (full-time): 1 year  
Course duration (part-time): 2 years  
Domestic fees (indicative): 2010: Full fee tuition $8,250 (indicative) per semester  
International Fees (indicative): 2010: $11,250 (indicative) per semester  
Domestic Entry: February and July  
International Entry: February and July  
Total credit points: 96  
Standard credit points per full-time semester: 48  
Course coordinator: Associate Professor Mark Ho (replacing Prof Jay Yang from September 2010)  
Discipline coordinator: Dr Kathi Holt-Damant (Course Leader) - Please refer course specific enquiries to Course Leader.  
Campus: Gardens Point

Overview
The Master of Design addresses the issues of professional development in the design fields of built environment and engineering. It aims to enhance and advance your skills and understanding of the design disciplines through explorations in social, historic, economic, legal, and technological processes and systems that act upon our environments and products. This course advances abilities in visual and design literacy, communication, and design processes, through the integration of aspects of sustainability, project management, leadership, and design project applications. Early exit with a Graduate Diploma is available upon completion of two core units and two specialisation units in the course.

Entry Requirements
A four-year full-time bachelor degree in a relevant discipline area, or equivalent qualification determined by the Faculty, and a grade point average of 5.0 or more (on a 7-point scale) in that study. English language requirements for the course are an English Language Proficiency level in accordance with QUT requirements (IELTS score of 6.0 with no sub-band below 6.0) if English is not your first language. Applicants from a non-relevant background may gain entry through successful completion of BN85, the Graduate Certificate in Built Environment and Engineering.

If requested, supply documentation of professional work experience as detailed in Completing the PG Form.

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).

Career Outcomes
Graduates may choose to become specialist urban designers within their chosen professional field, or use the skills and knowledge gained to diversify their capabilities across a broader spectrum of design disciplines. In particular this course provides the skills and knowledge to become a leader and manager of urban design processes, both in the development and implementation of urban design policy and urban design practice. Graduates may typically work in either private practice as urban designers, or in government organisations as urban policy developers and implementers.

Advanced Standing
Students completing two Masters courses in the Faculty of Built Environment and Engineering will be eligible to apply for a maximum of 24 credit points advanced standing in the second course on the basis of common units already completed. Such students will be required to complete a minimum of 72cp to be determined in consultation with the nominated Course Leader, to achieve the second Masters.

Further Information
Faculty of Built Environment and Engineering - Phone +61 7 3138 1433, email: bee.enquiries@qut.com

Full-time Course structure - February Entry 2010 onwards

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<thead>
<tr>
<th>Year 1, Semester 1</th>
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<tbody>
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<td>BEN610</td>
<td>Project Management Principles</td>
</tr>
<tr>
<td>DEN510</td>
<td>Urban Design and Theory Studio A</td>
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<thead>
<tr>
<th>Year 1, Semester 2</th>
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<tr>
<td>BEN710</td>
<td>Sustainable Practice in Built Environment and Engineering</td>
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<tr>
<td>BEN910</td>
<td>Integrated Project</td>
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<td>DEN520</td>
<td>Urban Design and Theory Studio B</td>
</tr>
<tr>
<td>DEN521</td>
<td>Theory Research Project B</td>
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</tbody>
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Full-time Course structure - Mid Year Entry 2010 onwards
### Year 1, Semester 2
- **BEN710** Sustainable Practice in Built Environment and Engineering
- **DEN520** Urban Design and Theory Studio B
- **DEN521** Theory Research Project B
- **AMN435** Communication, Negotiation and Leadership

### Year 2, Semester 1
- **BEN610** Project Management Principles
- **BEN910** Integrated Project
- **DEN510** Urban Design and Theory Studio A
- **DEN511** Theory Research Project A

### Year 2, Semester 2
- **BEN710** Sustainable Practice in Built Environment and Engineering
- **DEN520** Urban Design and Theory Studio B
- **DEN521** Theory Research Project B

### Year 1, Semester 1
- **BEN610** Project Management Principles
- **DEN510** Urban Design and Theory Studio A

### Year 1, Semester 2
- **DEN520** Urban Design and Theory Studio B
- **DEN521** Theory Research Project B

### Year 2, Semester 1
- **DEN511** Theory Research Project A
- **AMN435** Communication, Negotiation and Leadership

### Year 2, Semester 2
- **AMN435** Communication, Negotiation and Leadership

### Year 3, Semester 1
- **BEN910** Integrated Project
- **DEN511** Theory Research Project A

### Full-time Course structure - February Entry 2008 & 2009

#### Year 1, Semester 1
- **BEN610** Project Management Principles
- **DEN510** Urban Design and Theory Studio A
- **AMN435** Communication, Negotiation and Leadership
- **GSN235** Communication, Negotiation and Leadership
- **UDN510** Urban Planning Practice
- **UDN572** Infrastructure Planning and Management

#### Year 1, Semester 2
- **BEN710** Sustainable Practice in Built Environment and Engineering
- **BEN910** Integrated Project
- **DEN520** Urban Design and Theory Studio B
- **UDN512** Community Planning
- **UDN514** Regional Planning Practice
- **UDN576** Transportation Infrastructure

#### Part-time Course structure - February Entry 2010 onwards

#### Year 1, Semester 1
- **BEN610** Project Management Principles
- **DEN510** Urban Design and Theory Studio A

#### Year 1, Semester 2
- **DEN520** Urban Design and Theory Studio B
- **DEN521** Theory Research Project B

#### Year 2, Semester 1
- **DEN511** Theory Research Project A
- **AMN435** Communication, Negotiation and Leadership

#### Year 2, Semester 2
- **BEN710** Sustainable Practice in Built Environment and Engineering
- **BEN910** Integrated Project

### Part-time Course structure - Mid Year Entry 2010 onwards

#### Year 1, Semester 2
- **BEN710** Sustainable Practice in Built Environment and Engineering
- **DEN521** Theory Research Project B

#### Year 2, Semester 1
- **DEN520** Urban Design and Theory Studio B
- **AMN435** Communication, Negotiation and Leadership

#### Year 2, Semester 2
- **DEN520** Urban Design and Theory Studio B
- **UDN512** Community Planning
- **UDN514** Regional Planning Practice
- **UDN576** Transportation Infrastructure

### Full-time Course structure - February Entry 2008 & 2009

#### Year 1, Semester 1
- **BEN610** Project Management Principles
- **DEN510** Urban Design and Theory Studio A

#### Year 1, Semester 2
- **DEN520** Urban Design and Theory Studio B
- **UDN512** Community Planning
- **UDN514** Regional Planning Practice
- **UDN576** Transportation Infrastructure

#### Year 2, Semester 1
- **AMN435** Communication, Negotiation and Leadership
- **GSN235** Communication, Negotiation and Leadership
- **UDN510** Urban Planning Practice
Potential Careers:
Urban Designer.

UNIT SYNOPSES

AMN435 COMMUNICATION, NEGOTIATION AND LEADERSHIP
The unit serves as an introduction to effective leadership, communication, and negotiation processes as fundamental skills in today’s organisations. In particular, it focuses on the increasing importance of such skills for Engineering, Built Environment, Project management and other professionals to bridge cultural boundaries and enhance organisational performance in an increasingly globalised world.
Credit points: 12  Contact hours: 3  Campus: Gardens Point  Teaching period: 2010 SEM-1 and 2010 SEM-2

BEN610 PROJECT MANAGEMENT PRINCIPLES
This unit serves as an introduction to project management as a fundamental skill for all postgraduate coursework students in built environment and engineering. It offers an overview of the framework, processes and key knowledge areas of project management.
Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

BEN710 SUSTAINABLE PRACTICE IN BUILT ENVIRONMENT AND ENGINEERING
Sustainability has become a global agenda that impacts upon our work and everyday life. The unit will introduce principles, challenges and skills for dealing with a diversity of trans-disciplinary issues in sustainable development. By introducing critical sustainability theory and challenging best practices, this unit will prepare you for the impending changes that are necessary in all built environment and engineering disciplines.
Credit points: 12  Contact hours: 4 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

BEN910 INTEGRATED PROJECT
Problems that confront professionals are ill-defined and complex. The ability to define a problem, and collect and analyse relevant information using appropriate research methods is essential to professional practice. From a learning perspective, one of the most effective ways of achieving this is to consolidate and extend previously gained skills through an activity that is relevant to industry and, where possible, is associated with a specific workplace.

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

**DEN510 URBAN DESIGN AND THEORY STUDIO A**

This unit lays a theoretical foundation for postgraduate coursework and practice in urban design and other professions involved in producing the built environment. It provides a critical view of the theory and practice for urban design as a basis for the development of specialist knowledge in this field, both within this unit and other units within this urban design program.

**Equivalents:** PSP452  **Credit points:** 12  **Contact hours:** 4 per week  **Campus:** Gardens Point  **Teaching period:** 2010 SEM-1

**DEN511 THEORY RESEARCH PROJECT A**

Students will research urban design theory, drawing on literature and case studies from around the world to develop their knowledge in this area and contribute to the School of Design’s research data base. This unit links to learnings developed in DEN510.

**Equivalents:** PSN211  **Credit points:** 12  **Contact hours:** 2 per week  **Campus:** Gardens Point  **Teaching period:** 2010 SEM-1

**DEN520 URBAN DESIGN AND THEORY STUDIO B**

This unit comprises an urban design studio focussed on exploring issues relating to our greater region, i.e. South East Asia and the Pacific Rim.

The studio, allows for the synthesis of knowledge and skills from other units in the course. It offers a problem-based learning experience that engages with advanced urban design issues. The unit focuses on the design management of the transformation and incremental development of existing urban/suburban/town/fringe areas. This area of urban design activity has to mediate between existing development patterns, ownership patterns, development trends, diverse community aspirations, and professional and institutional practices.

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

**DEN521 THEORY RESEARCH PROJECT B**

Through this unit you will develop your research knowledge and capabilities in the context of Urban design. Knowledge from this unit will be developed in parallel with DEN520 and demonstrated through application within the design studio.

**Equivalents:** DBP501  **Credit points:** 12  **Contact hours:** 2 per week  **Campus:** Gardens Point  **Teaching period:** 2010 SEM-2

**GSN235 COMMUNICATION, NEGOTIATION AND LEADERSHIP**

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

**UDN510 URBAN PLANNING PRACTICE**

As an Urban & Regional Planner, you need skills to understand, analyze, interpret and optimize urban activities and land uses. You require capacities to prepare integrated plans and strategies to solve problems and promote beneficial development. This will involve consultation with local governments, communities and stakeholders. This unit provides you with practical experience to develop and apply these skills of integrated urban planning.

**Equivalents:** UDB471, DBP409  **Credit points:** 12  **Contact hours:** 3 per week  **Campus:** Gardens Point  **Teaching period:** 2010 SEM-1

**UDN512 COMMUNITY PLANNING**

Planners work with a wide range of communities and therefore need to understand and address an equally wide range of issues and concerns. Community planning offers an inclusive approach based on participatory processes that can match this comprehensive array of responsibilities.

**Prerequisites:** UDB266  **Equivalents:** UDB472, DBP411  **Credit points:** 12  **Contact hours:** 3 per week  **Campus:** Gardens Point  **Teaching period:** 2010 SEM-2

**UDN514 REGIONAL PLANNING PRACTICE**

As the culminating practice unit in the course, Regional Planning Practice focuses on regional and metropolitan scales to develop your capacities for larger scale, strategic-level planning. In doing so, the unit provides opportunities to further develop and apply wide-ranging skills of analysis, problem-solving and synthesis introduced and explored earlier in Planning Processes and Regional and Metropolitan Policy to real world situations.

**Equivalents:** UDB474, DBP413  **Credit points:** 12  **Contact hours:** 3 per week  **Campus:** Gardens Point  **Teaching period:** 2010 SEM-2

**UDN572 INFRASTRUCTURE PLANNING AND MANAGEMENT**

It is essential for professionals practicing in the field of infrastructure to understand what is infrastructure, the basic principles of infrastructure planning, condition assessment, monitoring of the condition of the asset, maintenance...
strategies, funds requirement, life cycle costing, annual budgeting for maintenance and rehabilitation, and prioritising maintenance strategies for optimum return on investment.

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

**UDN576 TRANSPORTATION INFRASTRUCTURE**

This unit has been developed to provide you with an in-depth understanding of the critical issues in the area of transportation infrastructure. The effective management of transportation infrastructure is essential for economic and social considerations. As expansion and development of transportation infrastructure continues to support a nation's economy, prudent management of transportation infrastructure to provide a desired level of serviceability are critical for the long-term sustainability of economic development.

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