Bachelor of Design (Landscape Architecture) (DE40)

Year offered: 2010
Admissions: Yes
CRICOS code: 056386C
Course duration (full-time): 4 years
Domestic fees (indicative): 2010: CSP $3,784 (indicative) per semester
International Fees (indicative): 2010: $11,000 (indicative) per semester
Domestic Entry: February
International Entry: February
QTAC code: 412342
Past rank cut-off: 81
Past OP cut-off: 10
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: Mr Andrew Scott (as of July 2010 - previously Ms Sheona Thomson)
Discipline coordinator: Dr Jeannie Sim
Campus: Gardens Point

Why choose this course?
QUT is one of the leading educators of Landscape Architects in Australia giving you the professional skills and ethics to practice in and advance the profession of Landscape Architecture.

Career outcomes
QUT graduates are given the opportunities for creative design and organisational work. They are highly regarded both in Australia and overseas.

Practical teaching
As a student in this course you will be involved in real-world activities such as working with the community within the design resolutions. Your practical work will be publicly displayed at regular student and staff exhibitions.

Industry links
You will be exposed to ideas and the experience of guest lecturers and industry professionals.

Course structure
This course provides a broad-based education for those seeking a career in Landscape Architecture.

Facilities / technology
You will have first-hand experience of the latest technologies used in the industry by evaluating your projects and building prototypes 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.

Overview
Landscape Architecture is concerned with the ordered design of open spaces at all scales: the appearance, atmosphere, and suitability of environment to assure its health and welfare and that of its inhabitants. Your course covers landscape theory and design, professional values, environment theory, graphic and other communication, and landscape construction supported by project and field work.

Career Outcomes
Landscape Architecture is predominantly a young profession with an increasing number of female practitioners. Sixty per cent of the profession is employed in private consultancies of landscape architects, architects, planners, urban designers and engineers. They are engaged primarily in site planning, site design, planting design and, to a lesser degree, landscape planning. Other opportunities for employment occur in the design sectors of government agencies. Some graduates work freelance on a contractual basis.

QUT Entry Bonus Scheme
The QUT Entry Bonus Scheme applies to students completing Year 12 or equivalent in 2009 and applying for entry in 2010.

QUT will award two bonus QTAC ranks for students who successfully complete Maths C or LOTE (Language Other Than English) in secondary school and apply to start a Bachelor of Urban Development at QUT in 2010.

QUT will also award one bonus rank to students who, while at school, successfully complete one or more university-level subjects at any Australian university.

Professional Recognition
This course has accreditation from the Australian Institute of Landscape Architects (AILA). Graduates can apply for membership of this professional organisation.

Second majors and minors

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You will be able to select from two 4 unit approved minors or one 8 unit approved second major to enhance and broaden your knowledge in a related field or area of interest. Please refer to the rules at the following location before making your selection:

LANDSCAPE ARCHITECTURE Second Major and Minor Options
Second Major:
A 2nd major from anywhere in QUT.
Minors:
A minor from anywhere in QUT. Please remember that one minor must be from outside of your course. (Design students interested in enrolling in the BEE Applications minor, must first consult and obtain approval from the Subject Area Coordinator/Course Coordinator.)

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
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.

Further Information
The School of Design - Phone +61 7 3138 2626, Fax +61 7 3138 5280, email: bee.enquiries@qut.com

Course structure - Commencing February 2010

Year 1 - Semester 1
DEB100 Introducing Professional Learning
DEB101 Introducing Design
DEB102 Introducing Design History
DLB130 Landscape Design 1

Year 1 - Semester 2
DEB200 Introducing Sustainability
DEB201 Digital Communication
DLB210 Landscape Design 2
DLB230 Landscape Horticulture

Year 2 - Semester 1
DLB310 Landscape Design 3
DLB330 Landscape Ecology
Second Major/Minor unit
Second Major/Minor unit

Year 2 - Semester 2
DLB410 Landscape Design 4
DLB430 Landscape Construction 1
Second Major/Minor unit
Second Major/Minor unit

Year 3 - Semester 1
DLB510 Landscape Design 5
DLB525 History and Criticism of Landscape Design
DLB530 Landscape Construction 2
Second Major/Minor unit

Year 3 - Semester 2
DEB601 Collaborative Design
DLB630 Landscape Construction 3
DLB645 Landscape Practice and Law
Second Major/Minor unit

Year 4 - Semester 1
DEB701 Design and Research
DLB710 Landscape Design 6
DLB730 Landscape Design 7
Second Major/Minor unit

Year 4 - Semester 2
DEB801 Professional Practice
DLB810 Landscape Planning and Policy
DLB830 Landscape Design 8
Second Major/Minor unit

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

Potential Careers:
UNIT SYNOPSES

DEB100 INTRODUCING PROFESSIONAL LEARNING
This unit will introduce students to a range of skills and knowledge sets required to support professional practice in design disciplines. It will include information literacy and communication skills and knowledge development. In addition, the unit will provide orientation to design 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 Contact hours: 3 per week Campus: Gardens Point Teaching period: 2010 SEM-1

DEB101 INTRODUCING DESIGN
Please note: this unit is only available to First Year DE40 students.

This unit offers a uniquely broad introduction to the field of design as applied across the design disciplines. It uses exercises to enhance student perceptions of the natural and human made environments in a problem based learning context. The unit is block taught over several weeks during the semester and will include students from a range of design disciplines participating in a four day field trip (students unable to attend participate in an alternative program). Students work individually and in cross-disciplinary teams in a stimulating and immersive environment. This unit covers content of problem solving, team work, visualisation and communication, and environmental awareness.

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

DEB102 INTRODUCING DESIGN HISTORY
This unit encompasses a broad survey of the history of design from the civilizations of antiquity to the opening of the 20th century – including architecture, industrial design, interior design and landscape architecture. It is a first year foundation unit and serves as preparation for more detailed and specialized studies in history and theory in subsequent years. Key designs, ideas and artefacts and the aesthetic, environmental, technological, socio-cultural and political factors that related to their production will be analysed.

Equivalents: ADB931 Credit points: 12 Contact hours: 3 per week Campus: Gardens Point Teaching period: 2010 SEM-1

DEB200 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.

Equivalents: BEB200 Credit points: 12 Campus: Gardens Point Teaching period: 2010 SEM-2

DEB201 DIGITAL COMMUNICATION
This unit introduces students to the foundational aspects of digital design communication, placing generic design in context and focusing on multidisciplinarity in the stages of the design process. This unit is an approach to the theory and practice of digital media, exploring the translation from manual to digital media in design communication and presentation.

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

DEB601 COLLABORATIVE DESIGN
The experience of cross-disciplinary design collaboration is considered a significant aspect of the preparation of design students for future professional practice. This unit provides such an experience through a collaborative design studio. Collaboration will be addresses and fostered by students working on a design studio project that facilitates cross-disciplinary collaboration and introduces them to various forms of collaboration. Through the projects student will be exposed to the discourse of design disciplines other than their own while at the same time being able to build on discipline specific skills, knowledge and attitudes.

Assumed knowledge: First and second year DE40 design units is assumed knowledge Credit points: 12 Contact hours: 4 per week Campus: Gardens Point Teaching period: 2010 SEM-2

DEB701 DESIGN AND RESEARCH
This unit is a core unit common to architectural studies, landscape architecture, industrial design and interior design. The unit is project based and introduces students to research methods and methodologies that have relevance in design practice. It also provides a foundation for higher degree research. The content covered in this unit includes:

- philosophical context of research in, of and through design
- qualitative research incorporating methodologies and methods of relevance to design
- research rigour and ethics
- developing a research plan
- literature searching and review
• data gathering and analysis
• research dissemination and reporting
Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

DEB801 PROFESSIONAL PRACTICE
This unit introduces and consolidates key issues in discourses about the design professions: the differences between discipline and professional knowledge, the organisation and roles of the regulatory and professional bodies that govern the professions, the cultural context for contemporary design practice, and the values and attitudes which govern professional practice. Teaching and learning takes place through a variety of structured activities: lectures, tutorials, seminars, workshops and online.
Assumed knowledge: Assumed knowledge is completion of years 1 to 3 of DE401.
Equivalents: ADP217
Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

DLB130 LANDSCAPE DESIGN 1
This unit introduces spatial design and place-making theory in tandem with design research and inquiry methods. It is structured to provide groundwork of knowledge in the ways in which people use, perceive and value places and environments. Further, it encourages students to apply design skills to place-making. Design research methodologies are explored as a way of further engendering critical thinking about the way designers engage in critical landscape architectural practice.
Prerequisites: DEB103 or DAB110 or DNB101 or DTB101. DEB103 can be studied in the same teaching period as DLB130
Credit points: 12  Contact hours: 4 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

DLB210 LANDSCAPE DESIGN 2
This design studio introduces landscape design within the context of the urban environment. Basic design concepts such as space, effects and qualities are explored. It also introduces the use of plants as a design material. There is a concentration on communication and graphic skills in the development of a personal design process. These preliminary explorations provide a foundation for later design studios.
Prerequisites: DLB130  Equivalents: PSB421
Credit points: 12  Contact hours: 4 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

DLB230 LANDSCAPE HORTICULTURE
This design unit, supported by an introduction to plant ecology, explores three themes: (a) toxic remediation of waste and contaminated land and treatments including physical interventions and the role of environmental artists; (b) perma/horti/agri-culture - sustainable productive horticultural design and management and the ethno-botanical and traditional organic horticultural practices that are the foundation of 'permanent agriculture' ('Permaculture'); and (c) landscape art in Australia - Indigenous and Non-indigenous landscape art, environmental art and land art. Continued development of graphics skills in design exploration and communication is integrated into the program. It is block taught in the second half of the semester.
Equivalents: PSB442
Credit points: 12  Contact hours: 4 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

DLB310 LANDSCAPE DESIGN 3
This unit introduces you to the theory behind spatial design and place-making. It also introduces design research and inquiry methods. In particular, it encourages you to examine the ways that people use, perceive and value places and environments. The unit teaches you to explore design research methodologies, and apply design skills to place-making.
Prerequisites: DLB210
Credit points: 12  Contact hours: 4 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

DLB330 LANDSCAPE ECOLOGY
An understanding of physical geography, geomorphology and the theoretical concepts of landscape ecology as a spatial analysis and design tool underpin this unit. It concentrates on understanding spatial and functional heterogeneity in all landscapes from the 'natural' to the 'developed' by recognising that they share a similar structural and functional model. The unit comprises three content strands: (a) Landscape Structures; (b) Landscape Systems and Processes; and (c) Landscape Development. These theoretical concepts studied in each of these strands are applied in the analysis and redesign of a dynamic real world landscape.
Equivalents: PSP263
Credit points: 12  Contact hours: 4 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

DLB410 LANDSCAPE DESIGN 4
In this unit, students will investigate an urban landscape in order to explore, understand and apply the principles and processes of site planning. These include: the development of a project brief, the understanding and articulation of site user needs, the undertaking of a site appraisal, the development and analysis of design concept options, and the final development of a site plan.
Prerequisites: DLB310  Equivalents: PSB441
Credit points: 12  Contact hours: 4 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

DLB430 LANDSCAPE CONSTRUCTION 1
This studio is complementary to DLB410 Landscape Design 4. The core of landscape architecture is the design of controlled change to landscapes. Design implementation requires the re-construction of the existing landscape into new forms. Landscape Construction 1 continues the landscape design process at a finer scale of detail and precision to resolve site regrading, management of surface water and preparing sites for planting new landscapes. It is inextricably linked to the processes of maintenance and management and is therefore one of the core skills landscape architects apply in order to meet sustainability objectives. This unit will develop technical graphic skills associated with manual and digital design communication.

Prerequisites: DLB510    Credit points: 12    Contact
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Outcome

This unit will develop technical graphic skills associated with manual and digital design communication. It will require students to undertake effective research and evaluation of technical data and techniques available to the construction industry in seeking valid solutions to construction problems. The unit will be block taught in the second half of the semester.

Prerequisites: DLB430    Credit points: 12    Contact
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DLB510 LANDSCAPE DESIGN 5

This design unit builds on Landscape Design 4 and extends the theoretical and applied understanding of site analysis, planning and design processes. It develops skills in the artful, orderly, efficient, aesthetic, and ecologically sensitive arrangement of constructed objects and spaces on a site and their integration with the site's features, systems, spirit of place and satisfying the needs and values of its intended users. Emphasis will be on the development of site specific design outcomes. Application of appropriate graphic communication in all forms will be integrated into the program. The unit will be block taught in the first half of the semester.

Prerequisites: DLB410    Credit points: 12    Contact
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DLB525 HISTORY AND CRITICISM OF LANDSCAPE DESIGN

This unit examines landscape design throughout the ages, providing an historical context for exploring contemporary design approaches. The origins of the landscape architectural profession are also investigated. Incorporated into this landscape design focus will be an examination of past and contemporary design criticism and the role that landscape architects play in this regard.

Prerequisites: DLB510    Credit points: 12    Contact
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DLB530 LANDSCAPE CONSTRUCTION 2

This studio will build on the work of DLB510 Landscape Design 5. The unit introduces the properties and use of materials encountered in landscape construction and the processes of resolving and communicating design decisions as construction documentation. It includes principles of applied science and mechanics relating to the stability of site elements; graphic (manual and digital) skills required to explore construction problems and communicate required outcomes. It will require students to undertake effective research and evaluation of technical data and techniques available to the construction industry in seeking valid solutions to construction problems. The unit will be block taught in the second half of the semester.

Prerequisites: DLB510    Credit points: 12    Contact
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hours: 4 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

DLB730 LANDSCAPE DESIGN 7
This design unit explores contemporary theories and practices of landscape architecture through the conceptual development of a speculative project for real world application. Students will undertake a national and international literature and exemplary project review, together with site research, to establish a project brief and conceptual design for a medium to large-scale strategic landscape design project. Theoretical positions and presentation methods developed in DLB730 will be informed by investigations into the conditions of climate change and water formed landscapes.
Prerequisites: DLB510  Credit points: 12  Contact hours: 4 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

DLB810 LANDSCAPE PLANNING AND POLICY
Many landscape architects work in broad scale landscapes nationally and internationally. Catchments are recognised as a critical scale for regional environmental planning and this unit addresses a selected catchment as a case study to investigate the complex systems that comprise the social, economic and biophysical fabric of the landscape. Regional issues are challenged by interpreting, visualising and communicating their multi-dimensional character and complexity of overlapping jurisdictions and conflicting management responsibilities. The unit integrates higher level applications, including GIS and the like, to critical, creative and analytical thinking, problem identification and solving in environmental planning.
Prerequisites: DLB330 and DLB645  Equivalents: PSP273  Credit points: 12  Contact hours: 4 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

DLB830 LANDSCAPE DESIGN 8
This unit is the final design studio in the landscape architecture course and develops urban design skills and knowledge on a project in the con-urbation of South-East Queensland, through a staged process leading to an advanced landscape design outcome. The final design presentation will be to a jury invited from academic staff and practice and a public exhibition of the collected work.
Prerequisites: DLB730  Credit points: 12  Contact hours: 4 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2