Bachelor of Design (Architectural Studies) (DE40)

Year offered: 2011
Admissions: Yes
CRICOS code: 056386C
Course duration (full-time): 4 years
Domestic Fees (indicative): 2011: CSP $3,878 (indicative) per semester
International Fees (indicative): 2011: $11,500 (indicative) per semester
Domestic Entry: February
International Entry: February
QTAC code: 412372
Past rank cut-off: 92
Past OP cut-off: 5
OP Guarantee: Yes
Assumed knowledge: English (4, SA)
Preparatory studies: For information on acquiring assumed knowledge visit http://www.qut.edu.au/assumed-knowledge
Total credit points: 384
Standard credit points per full-time semester: 48
Course coordinator: Mr Andrew Scott
Discipline coordinator: Dr Anoma Kumarasuriyar
Campus: Gardens Point

Overview
Design is the focus of this course; these studies are supported by studies in architectural technology, history and culture of architecture, ethical and legislative frameworks, and the study of architecture in practice.

Professional Recognition
DE40 Bachelor of Design (Architectural Studies) has received preliminary assessment from the Architects Accreditation Council of Australia (AACA) and will undergo full-assessment in early 2011.

Second majors and minors
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: http://www.bee.qut.edu.au/study/current/2majormin/.

ARCHITECTURAL STUDIES 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
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.

Limits on grades of 3
A new policy concerning grades of 3 came into effect from 1 January 2009 (QUT MOPP C/5.2). With effect from this date grades of 3 are no longer considered a conceded or low pass but are classified as a fail grade. Any grades of 3 awarded prior to 1 January 2009 retain the conceded pass status and will be counted for graduation purposes up to the maximum number of grades of 3 permitted for your course. Grades of 3 incurred in units that commence after 1 January 2009 will not count towards your degree. Further information is available on the Student Services website

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 2011

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<td>DAB110</td>
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<td>DEB101</td>
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<td>DEB103</td>
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<th>Year 1 - Semester 2</th>
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| Year 2 - Semester 1 |
### Course Structure - Commencing February 2010

#### Year 1 - Semester 1
- **DEB100** Design and Sustainability
- **DAB110** Architectural Design 1

#### Year 2 - Semester 2
- **DAB410** Architectural Design 4
- **DAB420** Architecture, Culture and Space
- **DAB435** Architectural Technology 1
  - Second Major/Minor unit

#### Year 3 - Semester 1
- **DAB510** Architectural Design 5
- **DAB525** Architecture and the City
- **DAB530** Integrated Technologies 2
  - Second Major/Minor unit

#### Year 3 - Semester 2
- **DAB610** Architectural Design 6
- **DAB635** Architectural Technology 2
- **DEB601** Collaborative Design
  - Second Major/Minor unit

#### Year 4 - Semester 1
- **DAB710** Architectural Design 7
- **DEB701** Design and Research
  - Second Major/Minor unit

#### Year 4 - Semester 2
- **DAB810** Architectural Design 8
- **DEB801** Professional Practice
  - Second Major/Minor unit

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**Second Major and Minor Options**

Please refer to Second Major and Minor information under Course Summary.
Second Major and Minor Options
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Course structure - Commencing February 2006 - 2009

Year 1 - Semester 1
BEB100 Introducing Professional Learning
DAB110 Architectural Design 1
DEB101 Introducing Design
DEB102 Introducing Design History

Year 1 - Semester 2
BEB200 Introducing Sustainability
DAB210 Architectural Design 2
DAB220 Placemaking in Architecture
DEB201 Digital Communication

Year 2 - Semester 1
DAB310 Architectural Design 3
DAB325 Architecture in the 20th Century
DAB330 Integrated Technologies 1
Second Major/Minor unit

Year 2 - Semester 2
DAB410 Architectural Design 4
DAB420 Architecture, Culture and Space
DAB435 Architectural Technology 1
Second Major/Minor unit

Year 3 - Semester 1
DAB510 Architectural Design 5
DAB525 Architecture and the City
DAB530 Integrated Technologies 2
Second Major/Minor unit

Year 3 - Semester 2
DAB610 Architectural Design 6
DAB635 Architectural Technology 2
DEB601 Collaborative Design
Second Major/Minor unit

Year 4 - Semester 1
DAB710 Architectural Design 7
DEB701 Design and Research

Second Major/Minor unit
Second Major/Minor unit

Year 4 - Semester 2
DAB810 Architectural Design 8
DEB801 Professional Practice
Second Major/Minor unit
Second Major/Minor unit

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

Potential Careers:
Architect.

UNIT SYNOPSES

BEB100 INTRODUCING PROFESSIONAL LEARNING
This unit will introduce students to a range of skills and knowledge sets required to support professional practice in design, engineering and urban development disciplines. It will include information literacy and communication skills and knowledge development. In addition, the unit will provide orientation to design, engineering and 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: BNB007, CNB190, PSB414    Credit points: 12    Contact hours: 3 per week    Campus: Gardens Point

BEB200 INTRODUCING SUSTAINABILITY
This unit will address issues of sustainability from a number of perspectives thus providing students with a variety of lenses on the ways in which the human-made environment impacts on the future of human settlement. The unit will include an introduction to sustainability from a variety of perspectives, including indigenous and other cultural perspectives, and from ecological, economic and technological perspectives. It will demonstrate to students the ways in which contrasting, and sometimes conflicting, ideas about sustainability are prioritised and how these priorities contribute to the impact that design, engineering and urban development professions have on a sustainable future.

Equivalents: PSB422    Credit points: 12    Contact hours: 3 per week    Campus: Gardens Point
DAB110 ARCHITECTURAL DESIGN 1
This unit offers a broad introduction to the field of design as applied to architecture. It uses developmental exercises to enhance student perceptions of the built environment in a problem based learning environment. Analysis of the constructed environment leads to a number of design projects that engage with issues of context, tectonics, planning, form, and spatial quality. Orthogonal drawing exercises, freehand sketching, presentation graphics and model making all form part of the unit content. Teaching and learning activities are spread across lectures, tutorials, and studio based activities.
Prerequisites: DEB103 or DLB130 or DNB101 or DTH101. DEB103 can be studied in the same teaching period as DAB110  Equivalents: ADB001  Credit points: 12  Contact hours: 4 per week  Campus: Gardens Point  Teaching period: 2011 SEM-1

DAB210 ARCHITECTURAL DESIGN 2
This unit offers a focused introduction to the field of design through engagement with the explicit process of design as applied to architecture. It uses developmental exercises to enhance student perceptions of the built environment in a problem based learning environment. Architectural design as a manageable process in explored through a number of exercises and design projects. Discrete steps in the process of architectural design are made explicit through staged activities that build to a complete design project. Orthogonal drawing exercises, freehand sketching, presentation graphics, and model making all form part of the unit content.
Teaching and learning activities are spread across lectures, tutorials, and studio based activities.
Prerequisites: DAB110 and (DEB203 or DLB210 or DNB201 or DTH201). DEB203 can be studied in the same teaching period as DAB210.  Equivalents: ADB002  Credit points: 12  Contact hours: 4 per week  Campus: Gardens Point  Teaching period: 2011 SEM-2

DAB220 PLACEMAKING IN ARCHITECTURE
The unit aims to promote students' awareness of concepts of environmental psychology such as territory, community, privacy, personal space and spatial perception from a variety of cultural perspectives. It also includes an introduction to the ways in which architecture is practiced and the concept of professionalism as it pertains to architectural practice. Further the unit explores social and cultural relationships between people and the institutions of society through the study of introductory sociology, cultural analysis and political economy. Teaching and learning activities are spread across lectures, tutorials, and studio based activities.
Assumed knowledge: DEB103 is assumed knowledge  Credit points: 12  Contact hours: 4 per week  Campus: Gardens Point  Teaching period: 2011 SEM-2

DAB310 ARCHITECTURAL DESIGN 3
This intermediate level unit in architectural design uses developmental exercises to enhance student perceptions of the built environment in a problem based learning environment. Design problems of increased complexity are tackled through a process of abstraction, experimentation, representation, imagination, and testing. Advanced orthogonal drawing, freehand sketching, presentation graphics, documentation techniques, and model making all form part of the unit content. Teaching and learning activities are spread across lectures, tutorials, workshops and studio based activities.
Prerequisites: DAB210  Equivalents: ADB003  Credit points: 12  Contact hours: 4 per week  Campus: Gardens Point  Teaching period: 2011 SEM-1

DAB325 ARCHITECTURE IN THE 20TH CENTURY
Designers in any discipline should possess the ability to appreciate the history of art, design and architecture. In addition, they should be able to analyse developments in design history from multiple perspectives. This unit is a survey course of the history and theory of architecture from the beginning of the 20th century to the present. Teaching and learning takes place through three forms of structured activity: lectures, tutorials, and online.
Assumed knowledge: DAB220 is assumed knowledge.  Equivalents: ADB011  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2011 SEM-1

DAB330 INTEGRATED TECHNOLOGIES 1
This is the first discipline-based unit in the Technology and Science design stream, through the introduction and application of the architectural principles for Environmental Design (including sustainability, lighting, and acoustics), Construction, and Structures. It introduces students to the basic technologies and sciences associated with architectural practice and in particular technical skills required for simple design projects.
Thermal characteristics of building materials, bioclimatic chart analysis, climate and climatic elements as environmental factors influencing architectural design, basic climatic regions and climate responsive building design, solar heating and cooling of buildings, thermal performance analysis, environmentally sustainable building materials, colour, natural and artificial lighting, ventilation, and condensation will be forming the Environmental Design topics.
Credit points: 12  Contact hours: 4 per week  Campus: Gardens Point  Teaching period: 2011 SEM-1

DAB410 ARCHITECTURAL DESIGN 4
This unit offers an intermediate level investigation into the field of design as applied to architecture. It uses developmental exercises to enhance student perceptions of the built environment in a problem based learning environment. Complex design problems deal with issues of social context, ethics, values, as well as the physical constraints of site, materials, climate, and technology. Design projects require the management of conflicting constraints to achieve optimal design proposals. Precedence, typologies, research and analysis, and representation techniques all form part of the unit content. Teaching and learning activities are spread across lectures, tutorials, and studio based activities.

Prerequisites: DAB310  
Equivalents: DAB004  
Credit points: 12  
Contact hours: 4 per week  
Campus: Gardens Point  
Teaching period: 2011 SEM-2

DAB420 ARCHITECTURE, CULTURE AND SPACE

Architecture is arguably a measure of a community’s cultural mores: it reflects the attitudes, values and beliefs of its place, time and makers. This unit aims to promote awareness of how architecture is both a product and an emblem of socio-cultural conditions. In particular it explores the interdependency between how architecture is conceived and made, and the way people structure their worldview and organise their institutions in a range of cultural contexts and settings.

Assumed knowledge: DAB220 is assumed knowledge.  
Credit points: 12  
Contact hours: 4 per week  
Campus: Gardens Point  
Teaching period: 2011 SEM-2

DAB435 ARCHITECTURAL TECHNOLOGY 1

The unit will explore various forms of domestic construction with particular reference to general properties of building materials, common construction practices used in dwellings, single storey and class 10 buildings. Comparison of building systems and their effect on domestic building design will be explored in detail. Students will be introduced to the construction aspects of the BCA including its housing provisions and associated codes for all types of buildings to assist to achieve the requirements for building materials.  
Assumed knowledge: DAB330 is assumed knowledge.  
Credit points: 12  
Contact hours: 3 per week  
Campus: Gardens Point  
Teaching period: 2011 SEM-2

DAB510 ARCHITECTURAL DESIGN 5

This unit offers a focused intermediate level investigation into the field of design as applied to architecture. It uses developmental exercises to enhance student perceptions of the built environment in a problem based learning environment. A particular emphasis is placed on the introduction of knowledge and skills to design a technologically enhanced architectural space with the aid of digitally mediated tools and methods while design theory, sustainability, sociology, history and critique, as they all apply to architectural design, all form part of the unit content. Design projects require synthesis of a range of abstract issues to achieve focused architectural proposals. Teaching and learning activities are spread across lectures, tutorials, and studio based activities.

Prerequisites: DAB410  
Equivalents: ADB005  
Credit points: 12  
Contact hours: 4 per week  
Campus: Gardens Point  
Teaching period: 2011 SEM-1

DAB525 ARCHITECTURE AND THE CITY

This unit aims to give a comprehensive overview of issues and techniques relevant to architectural design at an urban scale. Teaching and learning activities are spread across lectures, tutorials, and studio based activities.

Assumed knowledge: DAB325 and DAB420 are assumed knowledge.  
Equivalents: ADB013  
Credit points: 12  
Contact hours: 3 per week  
Campus: Gardens Point  
Teaching period: 2011 SEM-1

DAB530 INTEGRATED TECHNOLOGIES 2

The aim of the structure segment of the unit is to familiarize students with the qualitative influences of structural systems on the design development of buildings. In particular the possibilities and limits of building structure are explored in relation to architectural intention through the use of exemplar. The aim of the construction segment is to familiarize students with various construction systems used in medium-rise commercial buildings. Here the emphasis is on the criteria to be used for the selection of appropriate systems and their associated materials.

Assumed knowledge: DAB330 and DAB435 are assumed knowledge.  
Equivalents: ADB024  
Credit points: 12  
Contact hours: 4 per week  
Campus: Gardens Point  
Teaching period: 2011 SEM-1

DAB610 ARCHITECTURAL DESIGN 6

This unit will develop greater complexity in architectural design skills in an urban context with a focus on ethical and sustainable design solutions and practice. This requires the synthesis of issues, ideas, knowledge and techniques of architectural design as a holistic practice.

Prerequisites: DAB510  
Equivalents: ADB006  
Credit points: 12  
Contact hours: 4 per week  
Campus: Gardens Point  
Teaching period: 2011 SEM-2

DAB635 ARCHITECTURAL TECHNOLOGY 2

It is a fundamental task of architectural design to achieve the comfort requirements of the users. This unit aims to promote students’ understanding and awareness of the control of indoor conditions through the effective design and integration of building services. Students will participate in a simulated office practice, producing Building Code of Australia compliant construction documentation for low-rise buildings.

Assumed knowledge: DAB435 is assumed knowledge.
Published on : 13 June 2012

DEB710 ARCHITECTURAL DESIGN 7
This unit offers an advanced level investigation into the field of design as applied to architecture, with particular focus on Urban Design issues that come to bear in the design of a building.
On completion of this unit you should be able to: demonstrate, through your project work, your understanding of cities and an awareness of the forces shaping their development. Demonstrate that you have developed critical, analytical and speculative research skills applicable to urban situations. Adopt a reasoned position in relation to an architectural problem and to argue, speculate and design from that position. Demonstrate judgement that enables the identification of design opportunities at an urban scale that inform architectural design decisions.
Prerequisites: DAB610  Equivalents: ADB007  Credit points: 12  Contact hours: 4 per week  Campus: Gardens Point  Teaching period: 2011 SEM-1

DAB810 ARCHITECTURAL DESIGN 8
This unit offers an advanced level investigation into the field of design as applied to architecture, with particular building type or architectural topic. The unit draws on the breadth of knowledge students have attained through the process of their architectural education.
On completion of this unit you will be able to: Demonstrate your understanding of the design process. Demonstrate your development of a range of critical, analytical and speculative research skills applicable to architectural design projects. Establish a defensible position in relation to an architectural problem and to speculate, design and argue from that position. Demonstrate your development of judgement that enables the identification of opportunities that inform architectural design decisions.
Prerequisites: DAB710  Equivalents: ADB008  Credit points: 12  Contact hours: 4 per week  Campus: Gardens Point  Teaching period: 2011 SEM-2

DEB100 DESIGN AND SUSTAINABILITY
This unit, with its special focus on the role and impact of designers to shift society toward a more environmentally sustainable way of living, introduces you to essential academic and professional skills and practices for learning to become a designer.
Prerequisites: ENB100  Equivalents: BEB100 and UDB100  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2011 SEM-1

DEB101 INTRODUCING DESIGN
Please note: this unit is only available to First Year DE40 students.
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: 4 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

DEB202 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, DEB102  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2011 SEM-2

DEB203 VISUALISATION 2
DEB103 Visualisation 1 introduced you to the skills and techniques needed to support design visualisation with a focus on analogue media and drawing skills. This unit continues that process and integrates digital and analogue approaches. Content will be divided between common and discipline specific techniques and traditions.
Prerequisites: DEB103  Credit points: 12  Contact hours: 4 per week  Campus: Gardens Point  Teaching period: 2011 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: 2011 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: 2011 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 DE40  Equivalents: ADP217  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2011 SEM-2