Architecture and built environment

Cloud Campus | Geelong | Melbourne | Warrnambool

Architecture
Construction management
Landscape architecture
Planning
Research
Develop the professional expertise to create innovative, well-designed buildings and environments. Whether you see yourself producing sustainable design concepts for cities, or project managing large commercial developments, an architecture and built environment course will take you in the right direction.

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2. What can I study?
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Innovative teaching and facilities
The School of Architecture and Built Environment has undergone major refurbishment under the direction of Kerstin Thompson Architects, resulting in an inspiring learning space.

The a+b studio and workshop provides students, academics and researchers with a place to fabricate models, encouraging experimentation with technology, materials and processes. The interdisciplinary space provides access to a variety of digital and analogue tools, with open plan studio design facilitating collaboration on projects.

Deakin understands the importance of teaching best practice in industry, ensuring its students graduate with not only a quality degree but also an industry-relevant degree.

Professional accreditation
Accreditation provides industry recognition of the qualifications you receive at Deakin. All of our courses are regularly examined by key professional groups, including (within Australia) the Australian Institute of Architects, Architects Accreditation Council of Australia (AACA), Architects Registration Board of Victoria (ARBV), Royal Institution of Chartered Surveyors (RICS), the Australian Institute of Quantity Surveyors (AIQS), Australian Institute of Landscape Architects (AILA), the Planning Institute of Australia (PIA), as well as by the University itself.

Experience hands-on learning
With an emphasis on technology and hands-on learning, our courses enable you to focus on your chosen field from day one and gain the knowledge, practical skills and industry experience that employers are looking for. We recognise the importance of Building Information Modeling (BIM) in industry, with BIM increasingly being implemented in our projects across all courses.

Built environment study tours
Choose an intensive masterclass design workshop and intercultural experience offered through schools of architecture in Australia and Asia. The built environment study tours develop understanding and cooperation through hands-on learning, interaction and cultural immersion. Participants from around the world engage with respect and demonstrate true professional, collegial camaraderie, leading to a deep appreciation of different viewpoints, work ethos, design philosophies and new friendships.

Top graduate employability
Deakin is ranked #3 in Australia for graduate employability.* Our courses prepare you for the workplace, integrating industry partners, work placements and practical skills.

* Times Higher Education Global University Employability Ranking 2016
The School of Architecture and Built Environment annually showcases outstanding work from master’s students at a public exhibition known as PaperSpace. Showcased at Federation Square and the Geelong Waterfront gallery, PaperSpace is an excellent opportunity for the public, students, staff, industry, family and friends to celebrate students’ achievements and hard work. Watch PaperSpace take shape at http://bit.ly/2gMrLur.

“We hope you see PaperSpace as being able to engage and instruct your architectural and landscape experience and knowledge, and that this wide-ranging collection of projects expands your own understanding of your sense of place in the world.”

Professor Des Smith
Chair in Architecture
School of Architecture and Built Environment

deehin.edu.au/architecture-built-environment/paperspace
What can I study?

Coursework degrees

Master of Architecture | S700
ADMISSION REQUIREMENTS: A bachelor’s degree in architecture (accredited) with a WAM (or equivalent average grade indicator) of 60 or portfolio of relevant work.

Master of Architecture [Design Management] | S711
ADMISSION REQUIREMENTS: A combined bachelor’s degree in architecture (accredited) and construction management with a WAM (or equivalent average grade indicator) of 60 or a portfolio of relevant work.

Master of Construction Management | S791
ADMISSION REQUIREMENTS: A bachelor’s degree in related discipline or a bachelor’s degree in any discipline plus five years relevant work experience.

Master of Construction Management (Professional) | S792
ADMISSION REQUIREMENTS: See Master of Construction Management.

Exit options are available at the graduate diploma (8 credit points) level.

Master of Landscape Architecture | S703
ADMISSION REQUIREMENTS: A bachelor’s degree in related discipline with a minimum WAM of 60 or a portfolio of relevant work.

Master of Planning (Professional) | S764
ADMISSION REQUIREMENTS: A bachelor’s degree or other qualification at a higher AQF level in any discipline.

Exit options are available at the graduate certificate (4 credit points) and graduate diploma (8 credit points) levels.

Information correct at July 2017. Deakin University reserves the right to alter, amend or delete course offerings and other information listed.

* A unit or subject is usually 1 credit point (CP). Fees quoted are based on an annual full-time study load (6 CPY/1 FT), regardless of your unit selection. If the course duration is more than one year full-time study (2 FT), the annual fee does not represent the full cost of the course. It represents the cost of one year full-time study [8 CP] in 2018. Fee Paying Place (FPP) 2018 annual course fees for FPP are shown in the 2018 domestic full fee (8 CP) column. Commonwealth Supported Place (CSP): The CSP rates shown in the CSP column are indicative 2017 annual course fees. CSP fees represent the full cost of the course; it represents the cost of one year full-time study load (8 CPY/1 FT) regardless of your unit selection. Fees displayed should be used as a guide only and are subject to change. Some courses do not offer a CSP (as indicated by –). International fees are based on 8 CP in one year of full-time study, unless otherwise indicated. Please visit deakin.edu.au/fees for the most up-to-date information.

† Students have the opportunity of completing the course in one year full time (three trimesters) by undertaking units in Trimester 3. Cloud Campus students may be required to attend short campus mode intensive study periods at the Geelong Waterfront Campus.

‡ Students have the opportunity of completing the course in one year full time (three trimesters) by undertaking units in Trimester 3.

Table:

<table>
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<tr>
<th>Campus</th>
<th>Course duration in years*</th>
<th>Trimester intake options*</th>
<th>2018 domestic full fee (8 CP)*</th>
<th>2017 domestic indicative CSP fee*</th>
<th>2018 international fee*</th>
<th>IELTS**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Architecture</td>
<td>2</td>
<td>T1, T2, T3</td>
<td>$25,000</td>
<td>$9061</td>
<td>$32,088</td>
<td>6.5/6</td>
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<tr>
<td>Master of Architecture [Design Management]</td>
<td>1.5†</td>
<td>T1, T2, T3</td>
<td>$25,000</td>
<td>–</td>
<td>$34,448</td>
<td>6.5/6</td>
</tr>
<tr>
<td>Master of Construction Management</td>
<td>2</td>
<td>T1, T2, T3</td>
<td>$25,000</td>
<td>–</td>
<td>$34,448</td>
<td>6.5/6</td>
</tr>
<tr>
<td>Master of Planning (Professional)</td>
<td>2</td>
<td>T1, T2, T3</td>
<td>$25,000</td>
<td>$8722</td>
<td>$32,088</td>
<td>6.5/6</td>
</tr>
</tbody>
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Courses

Master of Architecture

Get a specialist education that builds upon an established background in architecture and built environment studies. The Master of Architecture develops your skills and knowledge in architectural design research and resolution, urban ecologies and contexts, integrated project evaluation and performance-measured sustainable design. All of these are expected in modern professional practice.

Professional accreditation*
- Australian Institute of Architects
- Architects Registration Board of Victoria
- Architects Accreditation Council of Australia

Course structure
Nine core units (totaling 12 credit points) and four course grouped elective units (you can choose which ones to study).

Core units
- Architectural Design and Research
- Urban Ecology
- Urban Design Studio
- Interdisciplinary Planning and Design
- Indigenous Narratives and Processes
- Ecological Cities and Futures
- Cost Planning
- Students select 4 credit points of course grouped elective units from the list below:
  - Sustainable Futures
  - Research Methodology
  - Masterclass Studio (2 credit points)
  - Critical Futures
  - Built Environment Professional Practice
  - Architectural Design Research Studio
  - Architectural Design Master Studio B (2 credit points)
- Core units
  - Architectural Design Master Studio A (2 credit points)
  - Architectural Design Master Studio B (2 credit points)
  - Architectural Design Research Studio

Students select 4 credit points of course grouped elective units from the list below:
- Built Environment Integrated Project
- Built Environment Study Tour
- Building Systems and Environment
- Cost Planning
- Ecological Cities and Futures
- Indigenous Narratives and Processes
- Managing Change and Innovation
- Students select 3 credit points of course grouped elective units (you can choose which ones to study).

Master of Architecture (Design Management)*

This course is designed for students who have completed Deakin's Bachelor of Design (Architecture)/Bachelor of Construction Management (Honours) combined course. You'll get a specialist education that builds upon an established background in architecture and built environment studies, and will develop the skills and knowledge in architectural design research, urban ecologies and other aspects expected in modern architectural professional practice. Unlike our Master of Architecture, the Master of Architecture (Design Management) allows students the opportunity of completing the course in one year full time instead of 1.5 years by undertaking units in Trimesters 1, 2, and 3.

Professional accreditation*
- Australian Institute of Architects
- Architects Registration Board of Victoria
- Architects Accreditation Council of Australia

Course structure
12 credit points including seven core units (totaling 9 credit points) and three course grouped elective units (you can choose which ones to study).

Core units
- Architectural Design Master Studio B (2 credit points)
- Architectural Design Research Studio
- Architecture and Resolution
- Built Environment Professional Practice
- Masterclass Studio (2 credit points)
- Research Methodology
- Sustainable Futures

Elective units
Students select 3 credit points of course grouped elective units from the list below:
- Built Environment Integrated Project
- Building Systems and Environment
- Cost Planning
- Ecological Cities and Futures
- Indigenous Narratives and Processes
- Managing Change and Innovation
- Thesis (2 credit points)

Master of Construction Management

The Master of Construction Management is ideally suited to those with a construction background seeking to upskill, as well as those who completed an undergraduate degree in a related area and are looking to enter the construction management profession. This could be through pathways such as architecture, quantity surveying, engineering, property or construction management.

The course brings together a range of built environment disciplines to look at issues of true international significance in terms of procurement and contractual options, project financing and sustainability economics.

Professional accreditation
- Royal Institution of Chartered Surveyors (RICS)
- Australian Institute of Quantity Surveyors (AIQS)

Course structure
16 credit points including two core units (totaling 2 credit points).

Core units
- Advanced Project Management
- Building Project Evaluation
- Construction Company Management
- Construction Measurement
- Cost Planning
- Integrated Project Information Management
- Legal Risk Management
- Research Methodology
- Strategic Construction Procurement
- Thesis (2 credit points)

Pathway options
- Students have the opportunity of completing the course in one year full time (three trimesters) by undertaking units in Trimester 1, 2, and 3.

Students on a site tour of a university library, now complete.

deakin.edu.au/abe

Architecture and built environment
Master of Construction Management (Professional)  

The Master of Construction Management (Professional) provides you with specialised skills related to the theoretical, evaluative and research frameworks that underpin the construction professions. Students are challenged to stretch their thinking in a supportive environment and instilled with the motivation to be independent learners in their career.

Professional accreditation

Deakin's construction management courses are professionally accredited by the Royal Institution of Chartered Surveyors (RICS) and the Australian Institute of Quantity Surveyors (AIQIS).

Course structure

Thirteen core units (totalling 14 credit points) and one elective unit (totalling 2 credit points) from a prescribed list.

Core units
Advanced Project Management  
Building Project Evaluation  
Built Environment Professional Practice  
Construction Company Management  
Construction Measurement  
Cost Planning  
Integrated Project Information Management  
Introduction to Work Placement (2 credit points)  
Legal Risk Management  
Research Methodology  
Strategic Construction Procurement  
Sustainable Futures  
Thesis (2 credit points)  

Choose one of the following:  
Construction Management Practice (2 credit points)  
Construction Research Paper (2 credit points)

Pathway options

Deakin also offers a Master of Construction Management (12 credit points), which can provide an entry pathway into the Master of Construction Management (Professional). The Graduate Diploma of Construction Management (8 credit points) is an alternative exit option for those commencing either the Master of Construction Management or the Master of Construction Management (Professional) who no longer wish to pursue a master's level qualification.  

Master of Landscape Architecture  

With a focus on sustainability, Deakin's landscape architecture course addresses the creation of quality places in response to current and future environmental and lifestyle challenges. It provides opportunities to specialise in project management, public art curatorship and management, cultural heritage, urban design and change management planning.

Professional accreditation

The course is accredited by the Australian Institute of Landscape Architects (AILA) and graduates satisfy the educational requirements for AILA graduate membership as the first step towards applying for professional recognition as an AILA registered landscape architect.

Course structure

Eleven core units (totalling 13 credit points) and three course grouped elective units.

Core units
Built Environment Professional Practice  
Designing Urban Environments  
Geo-planning and Design  
Indigenous Narratives and Processes  
Interdisciplinary Planning and Design  
Landscape Design Masterclass (2 credit points)  
Landscape Narrating and Meaning  
Plants, Design and Ecologies  
Research Methodology  
Safety Induction Program (2 credit points)  
Thesis (2 credit points)  
Urban Design Studio

Elective units
Advanced Project Management  
Built Environment Practical Assessment  
Built Environment Study Tour  
Contemporary Planning and Design Challenges  
Cost Planning  
Ecological Cities and Futures  
Managing Change and Innovation  
Planning Processes and Practice  
Practical Experience Assessment B  
Smart Cities and Infrastructure  
Urban Patterns and Processes  
Urban Perspectives

Pathway options

Deakin also offers a Graduate Certificate of Landscape Design (4 credit points) or Graduate Diploma of Landscape Design (8 credit points) as an alternative exit option for those commencing the Master of Landscape Architecture who no longer wish to pursue a master's level qualification.
If you want to undertake research, you’re in the right place. Not only are many of our academic staff active researchers, Deakin has partnerships with several key organisations that facilitate research opportunities.

### Research degrees

<table>
<thead>
<tr>
<th>Course</th>
<th>Course duration in years</th>
<th>2018 domestic full fee (8 CP)*</th>
<th>2018 international fee*</th>
<th>IELTS**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Architecture (Research)</td>
<td>1–2</td>
<td>$32 400</td>
<td>$32 400</td>
<td>6.5/6</td>
</tr>
<tr>
<td>Master of Construction Management (Research)</td>
<td>1–2</td>
<td>$32 400</td>
<td>$32 400</td>
<td>6.5/6</td>
</tr>
<tr>
<td>Doctor of Philosophy</td>
<td>3–4</td>
<td>$32 400</td>
<td>$32 400</td>
<td>6.5/6</td>
</tr>
</tbody>
</table>

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- * If you’re a successful applicant for research degree candidature, and you’re an Australian citizen, permanent resident or New Zealand citizen, you won’t pay any tuition fees. International fees are based on 8 CP in one year of full-time study, unless otherwise indicated. Please visit [deakin.edu.au/fees](http://deakin.edu.au/fees) for the most up-to-date information.
- ** Course lengths may vary in response to requirements within the Australian Qualifications Framework. Applicants should refer to the handbook for the latest information: [deakin.edu.au/handbook](http://deakin.edu.au/handbook).
- † IELTS is the International English Language Testing System. The IELTS scores in the table above reflect the minimum overall score required as well as the lowest score allowed for any band (overall score/lowest band score).

### Integral Design Futures (IDF)

IDF unites researchers from across the disciplines of architecture, construction management, urban planning and landscape architecture in the holistic evaluation of the sustainability of built environments. Our objective is to redefine complex design problems by bridging the normal disciplinary boundaries, to inform holistic solutions for sustainable development and communities.

IDF projects aim to shift thinking by merging quantitative with qualitative and experiential evaluations of built environment design. Thus, IDF projects combine four processes:

1. Measurement of building performance and construction processes
2. Evaluation of sensory experiences of the built environment
3. Interpretation of collective perception of the socio-cultural value of the built environment
4. Mapping relationships to urban and ecological systems.

### Annex 66 project

Dr Astrid Roetzel has become an official participant in the Annex 66 Project “Definition and Simulation of Occupant Behaviour in Buildings” under the framework of the Energy in Buildings and Communities Programme of the International Energy Agency IEA in Paris. These projects carry out research and development activities toward near-zero energy and carbon emissions in the built environment. They are directed at energy-saving technologies and activities that support technology application in practice. Results are also used in the formulation of international and national energy conservation policies and standards.

Annex 66 specifically aims to set up a standard occupant behaviour definition platform, establish a quantitative simulation methodology to model occupant behaviour in buildings, and understand the influence of occupant behaviour on building energy use and the indoor environment.

This formal participation means that the school has a presence and is representing Australia with the International Energy Agency IEA in Paris, as well as with formalised collaboration with the participating institutions in the Annex 66 project.

### HDR applications now open

Applications for research degrees without scholarship may be made at any time. Commencement of research degrees is not confined to Deakin’s trimesters.

I feel privileged to be working at the intersection of academia, community engagement and the architecture profession. Building Ampara, a project I am leading in partnership with the Faculty of Architecture at the University of Moratuwa, Sri Lanka, seeks to adopt an integral design approach to sustainable rural development. It is undeniably satisfying to be able to motivate students to extend design engagement beyond architecture and to contribute meaningfully in our collective endeavour.

Susan Ang
Senior Lecturer and Researcher,
School of Architecture and Built Environment
The design studio at Deakin has always been a great facility that is a huge credit to the school. This has recently been added to with the newly renovated level four A+B gallery, study and office spaces. It makes for a really beautiful and inspiring place to work.

George Meek
Master of Architecture (Design Management) student

Interdisciplinary Design environments for Engineering and Architecture laboratory (IDeEA lab)

The IDeEA lab is a new research resource that fosters collaboration between architecture and engineering in the fields of spatial modelling, mixed reality and responsive environments. The lab has a suite of high-performance computers, large-scale stereographic video projection, 7.1 surround sound, Oculus Rift VR and state-of-the-art 3D modelling and simulation software.
1800 MYFUTURE (1800 693 888)
deakin.edu.au
For information on upcoming events and activities, please visit deakin.edu.au/deakin-events

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