

2018 POSTGRADUATE

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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Architecture and built environment at Deakin

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.

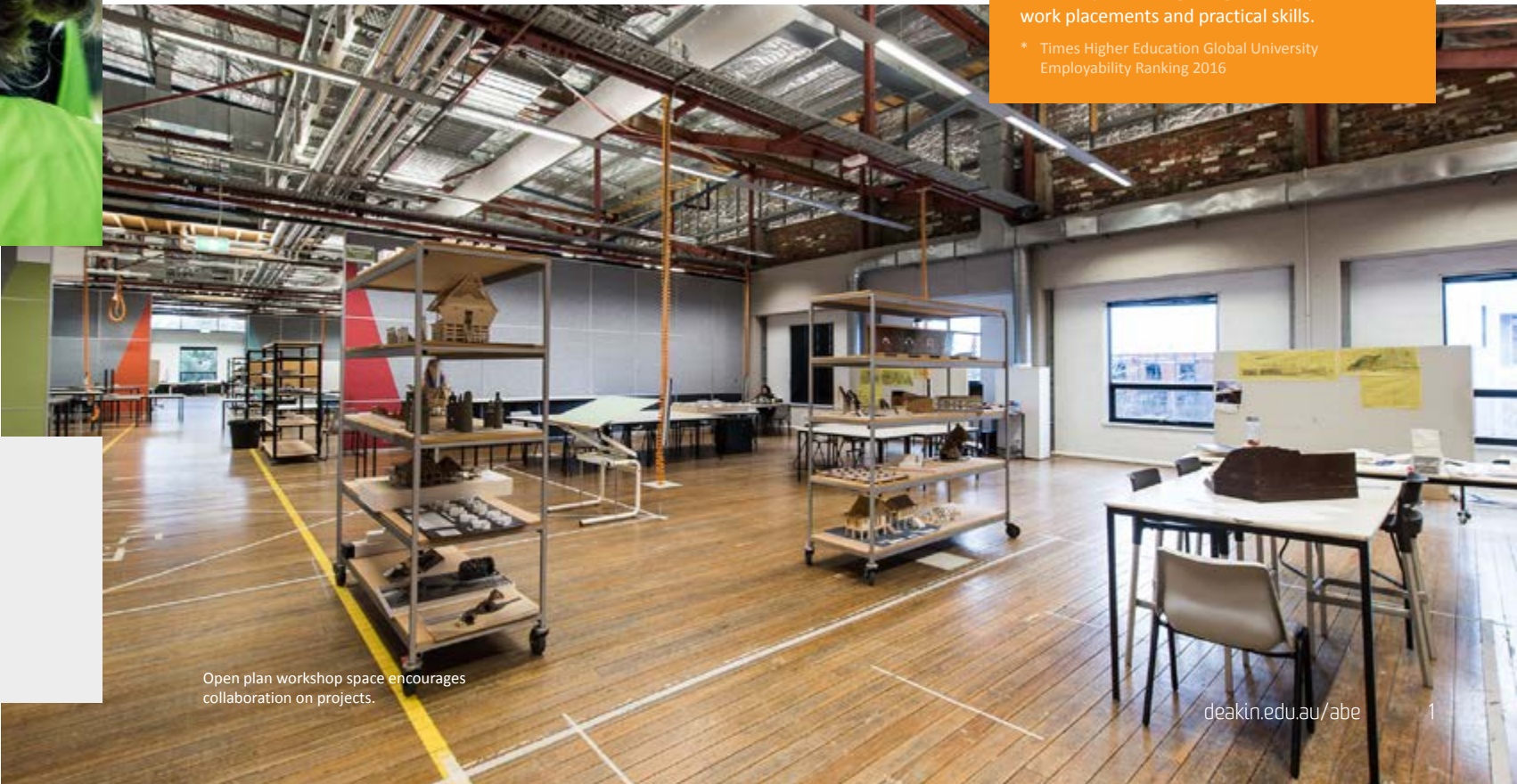
Built environment study tours

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



Open plan workshop space encourages collaboration on projects.

Deakin Hallmarks are awarded as digital credentials that can be shared through professional social platforms such as LinkedIn. They recognise students' outstanding achievement, at course level, of capabilities that are key to employment success.

Communication

Digital literacy

Teamwork

Critical thinking

Problem solving

Self management

Global citizenship

Architecture and built environment at Deakin

PaperSpace student exhibition

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/2qMrL0r>.



 deakin.edu.au/architecture-built-environment/paperspace

'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



Top ranking university

Deakin is ranked in the top 2% of universities globally by all three international university rankings.
QS World University Rankings 2017–2018, ShanghaiRankings 2016, Times Higher Education World University Rankings 2016–2017

What can I study?

Cloud Campus **C**
Melbourne Burwood Campus **B**
Geelong Waterfront Campus **WF**
Geelong Waurrn Ponds Campus **WP**
Warrnambool Campus **WB**

Gain credit towards your degree

With Credit for Prior Learning (CPL), your previous study or work experience may make you eligible for credit towards your Deakin degree, reducing the number of units you need to study and allowing you to complete your course earlier and often more affordably. Find out more at deakin.edu.au/courses/credit-for-prior-learning.

	Campus	Course duration in years [#]	Trimester intake options [^]	2018 domestic full fee (8 CP)*	2017 domestic indicative CSP fee*	2018 international fee*	IELTS [~]
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.	WF	2	T1, T2, T3	\$25 000	\$9061	\$32 088	6.5/6
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.	WF	1.5 [†]	T1, T2, T3	\$25 000	–	\$32 088	6.5/6
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. An exit option is available at the graduate diploma (8 credit points) level.	C WF	1.5 [†]	T1, T2, T3	\$25 000	–	\$34 448	6.5/6
Master of Construction Management (Professional) S792 ADMISSION REQUIREMENTS: See Master of Construction Management. Exit options are available at the graduate diploma (8 credit points) and master's (12 credit points) levels.	C WF	2	T1, T2, T3	\$25 000	–	\$34 448	6.5/6
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. Exit options are available at the graduate certificate (4 credit points) and graduate diploma (8 credit points) levels.	WF	2	T1, T2, T3	\$25 000	\$8722	\$32 088	6.5/6
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.	C [‡] WF	2	T1, T2, T3	\$25 000	\$9050	\$32 088	6.5/6

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 (8 CP/1 FT), regardless of your unit selection. If the course duration is more than one year full-time study (1 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 FPPs 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 are indicative because they are calculated based on 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.

[^] Most courses start in Trimester 1 (March to June). This column indicates whether you have the option of commencing your studies in Trimester 2 (July to October) or Trimester 3 (November to February). Not all units are offered in every trimester.
[#] Course lengths may vary in response to requirements within the Australian Qualifications Framework (AQF). Applicants should refer to the handbook for the latest information: 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).
[§] The Master of Architecture (Design Management) is available to students who have completed Deakin's combined course D364 Bachelor of Design (Architecture)/Bachelor of Construction Management (Honours).
[†] 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.
[¶] This course is currently under review. For the most up-to-date information, visit deakin.edu.au/course/master-planning-professional.

Join the most satisfied students in Victoria

For seven consecutive years, Deakin has achieved the highest level of overall student satisfaction among Victorian universities. These great results are from the responses to 'Overall Satisfaction' in the Australian Graduate Survey, 2010–2016.
Source: gooduniversities.com.au

 deakin.edu.au/courses



Courses

Deakin code	S304	Cloud Campus	C
Course duration in years	3	Melbourne Burwood Campus	B
Trimester	T	Geelong Waterfront Campus	WF
		Geelong Waurn Ponds Campus	WP
		Warrnambool Campus	WB

Master of Architecture S700 WF 2 T1, T2, T3

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 (totalling 12 credit points) and four course grouped elective units (you can choose which ones to study).

Core units

Architectural Design and Resolution
Architectural Design Master Studio A (2 credit points)
Architectural Design Master Studio B (2 credit points)
Architectural Design Research Studio
Built Environment Professional Practice
Critical Futures
Masterclass Studio (2 credit points)
Research Methodology
Sustainable Futures

Elective units

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
Interdisciplinary Planning and Design
Managing Change and Innovation
Thesis (2 credit points)
Urban Design Studio
Urban Ecologies
Urban Perspectives

* Graduates will be required to complete an additional two years of work experience under the supervision of a registered architect in order to present for registration with the Architects Registration Board of Victoria and the Australian Institute of Architects.

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 Trimester 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 (totalling 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
Built Environment Study Tour
Cost Planning
Ecological Cities and Futures
Indigenous Narratives and Processes
Interdisciplinary Planning and Design
Managing Change and Innovation
Thesis (2 credit points)
Urban Design Studio
Urban Ecologies
Urban Perspectives

§ The Master of Architecture (Design Management) is available to students who have completed Deakin’s combined course D364 Bachelor of Design (Architecture)/Bachelor of Construction Management (Honours).

* Graduates will be required to complete an additional two years of work experience under the supervision of a registered architect in order to present for registration with the Architects Registration Board of Victoria and the Australian Institute of Architects.

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



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

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

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

Course structure

16 credit points including two core units (totalling 2 credit points).

Core units

Advanced Project Management
Building Project Evaluation
Built Environment Professional Practice
Construction Company Management
Construction Measurement
Cost Planning
Integrated Project Information Management
Legal Risk Management
Research Methodology
Strategic Construction Procurement
Thesis (2 credit points)

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

Pathway options

Deakin also offers a Graduate Diploma of Construction Management (8 credit points) as an alternative exit option for those commencing the Master of Construction Management who no longer wish to pursue a master’s level qualification.



Courses

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 (AIQS).

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 Integrated Project
- Built Environment Professional Practice
- Construction Company Management
- Construction Measurement
- Cost Planning
- Integrated Project Information Management
- Introduction to Work Placement (0 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 (0 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

Exit 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.

Deakin code	S304	Cloud Campus	C
Course duration in years	3	Melbourne Burwood Campus	B
Trimester	T	Geelong Waterfront Campus	WF
		Geelong Waurn Ponds Campus	WP
		Warrnambool Campus	WB



Student work – Sustainable Development of Varanasi by Darpan Kalyani, Master of Landscape Architecture.

Master of Planning (Professional)*

☐ ≠ ☐ ☐

Deakin’s planning (professional) course provides an innovative and flexible career pathway that meets and addresses the challenges of an ever-changing urban, regional and rural environment, to enable you to actively participate in planning and guiding these challenges. The program has been designed to produce professionally qualified graduates who are analytical, informed and committed to improving the quality of the urban environment.

Professional accreditation

The Master of Planning (Professional) has professional accreditation from the Planning Institute of Australia (PIA).

Course structure

The 16 credit points include 10 core units equalling 11 credit points, one 4 credit point specialisation and one elective unit.

Core units

- Designing Urban Environments
- Glocal Action for Healthy Cities and Communities
- Interdisciplinary Planning and Design
- Managing Change and Innovation
- Planning Processes and Practice
- Planning Theory, History and Current Issues
- Research Methodology
- Thesis (2 credit points)
- Urban Dynamics and Change
- Urban Patterns and Precedents

Specialisation units

Choose one of the following specialisations:

Urban Design

- Urban Design Studio
- Urban Ecologies
- Urban Perspectives
- Work Place Assessment

Healthy Cities^

- Community Consultation and Participation
- Ecological Cities and Futures
- Health and Social Impact Assessment
- People, Health and Planning

Cultural Heritage

- Conservation Management Planning
- Introduction to Heritage Planning
- Policy and Program Evaluation
- Understanding Significance

Landscape Environmental Management

- Ecological Cities and Futures
- Indigenous Narratives and Processes
- Landscape Narrating and Meaning
- Urban Ecologies

Elective unit

Select one elective unit from a range of elective units offered across many courses. In some cases you may even be able to choose elective units from a completely different discipline area (subject to meeting unit requirements).

Pathway options

Deakin also offers a Graduate Certificate of Planning (4 credit points) or a Graduate Diploma of Planning (8 credit points) as an alternative exit option for those commencing the Master of Planning (Professional) who no longer wish to pursue a master’s level qualification.

* This course is currently under review. For the most up-to-date information, visit [deakin.edu.au/course/master-planning-professional](https://my.matterport.com/show/?m=wLi9FP8YaVJ).
≠ Cloud Campus students may be required to attend short campus mode intensive study periods at the Geelong Waterfront Campus.
^ The Healthy Cities specialisation can only be completed in campus mode at Burwood (Melbourne) and is not available to international students.

 Tour our school interactively at <https://my.matterport.com/show/?m=wLi9FP8YaVJ>

Research

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.

	Campus	Course duration in years [#]	2018 domestic full fee (8 CP)*	2018 international fee*	IELTS [~]
Research degrees					
Master of Architecture (Research) S800	<div>CWF</div>	1–2	–	\$32 400	6.5/6
Master of Construction Management (Research) S805	<div>CWF</div>	1–2	–	\$32 400	6.5/6
Doctor of Philosophy S917	<div>CWF</div>	3–4	–	\$32 400	6.5/6

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

* 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](#) 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](#).

[~] 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

A+B researcher 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.

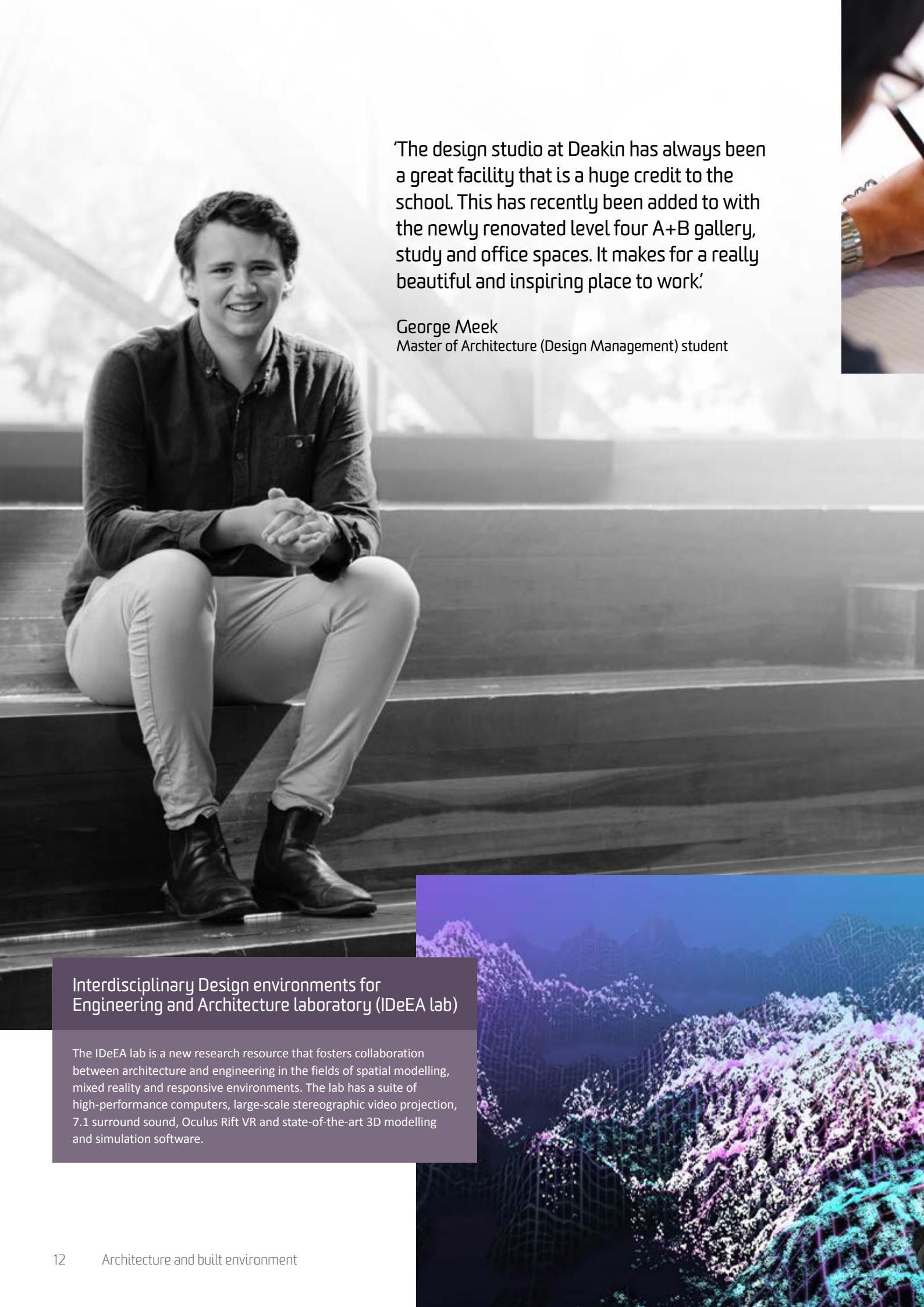
HDR applications now open

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



Your digital learning tools

DeakinSync is a digital study hub giving Deakin students and staff easy access to relevant University resources, customised to their specific needs. You can access everything from unit sites to enrolment details, study tools to your calendar, as well as IBM Watson – a question and answer tool.

Visit deakin.edu.au/deakinsync or deakin.edu.au/life-at-deakin/why-study-at-deakin/ibm-watson for more information.

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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.



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deakin.edu.au

For information on upcoming events and activities, please visit deakin.edu.au/deakin-events

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