Number one in Australia and seventeen in the world for Architecture and Built Environment*
Welcome
Faculty of Architecture, Design and Planning

Ranked first in Australia and 17th in the world for Architecture/Built Environment in the QS World University Rankings 2016, we are a dedicated and ambitious body of staff, researchers and students. We strive for intellectual excellence, creative thinking and evidence-based research, much of it centred on the global challenges of urbanisation and sustainability.

History of innovation
For nearly 100 years, we have been pioneers in teaching and research across the built environment.

Outstanding facilities
Benefit from the latest facilities – the only indoor environment quality (IEQ) laboratory in the southern hemisphere, an extensive research lighting laboratory and cutting-edge audio and acoustic facilities, including an anechoic chamber and recording studio.

The Wilkinson Building has one of the best-equipped design, modelling and fabrication labs in the country and provides dedicated studio spaces for students.

Choice and flexibility
Core and optional units of study taken from within the faculty can be supplemented by a broad range of electives from across the University.
Coursework

- Undergraduate programs provide you with a strong foundation of skills and thinking including conceptual, critical, technical and ethical learning outcomes. These enable you to pursue employment in the built environment or to articulate into the faculty’s range of professional postgraduate courses.

- Master’s programs are essential for professional accreditation in many fields.

- Graduate diplomas typically require one year of full-time study and provide a solid professional grounding.

- Graduate certificates provide a short professional training course and typically require six months of full-time study.

- Part-time study is available in postgraduate courses for Australian citizens and permanent residents.

Vibrant campus life

Our faculty is large enough to attract world-leading researchers and teachers, yet small enough to provide a distinct, collegiate environment. Our calendar of extracurricular events ensures there is always something stimulating happening, including exhibitions at the faculty’s own Tin Sheds Gallery.

- sydney.edu.au/architecture/tinsheds

Rewarding the best

The faculty offers a broad range of scholarships and prizes that support and encourage talented students.

- sydney.edu.au/architecture/current_students/scholarships/

Continuing Professional Development (CPD)

To help you keep your professional skills up to date, most units qualify you with continuing professional development (CPD) points for various professional industry bodies. By successfully completing the subject’s assignments, you can also apply for credit towards a degree offered by the faculty.

- sydney.edu.au/architecture/cpd

International opportunities

From exchange programs with leading universities to international electives, our students benefit from visiting destinations across North and South America, Scandinavia, China, Indonesia, Japan and the UK. In 2016, a cohort of our Master of Architecture students will visit and exhibit in the prestigious Venice Architectural Biennale.

- sydney.edu.au/architecture/tinsheds
Undergraduate study
Architecture at Sydney

As Australia’s first faculty of architecture, we offer a wide choice of undergraduate architectural programs. Each supports a variety of career pathways, further study opportunities and personal ambitions.

Join us at the Faculty of Architecture, Design and Planning and you will benefit from a unique and flexible course structure. To further support your studies you can use our state-of-the-art computer laboratories and digital fabrication equipment, alongside traditional modelling and prototyping.

Opportunities for industry internships and international travel will further broaden your thinking as a design professional.

- **Bachelor of Architecture and Environments** positions the study of architecture as part of the wider built environment where property, construction and urban planning all play a significant role. This approach provides a wide range of career options or further study in a specialised field.

- **Bachelor of Design in Architecture** is a forward-thinking, studio-based program and your first step to becoming a registered architect when followed by the Master of Architecture degree.

- **Bachelor of Design in Architecture (Honours)/Master of Architecture** is a new, five-year, double degree with embedded honours, suitable for high-performing students seeking to develop the capabilities for cutting-edge practice in design innovation.
Bachelor of Architecture and Environments (3 years full time)

I’m interested in ...
- design, building, construction, urban environments, architecture, heritage

I’d like to be a ...
- design manager, project manager, property developer, urban planner or architect

I will study ...
- Bachelor of Architecture and Environments (3 years full time)

Further options ...
- Master’s degree
  - Audio and Acoustics
  - Heritage Conservation
  - High Performance Buildings
  - Illumination Design
  - Sustainable Design
  - Urban Design
  - Urban and Regional Planning
  - Architecture

Double degree: Bachelor of Design in Architecture (Honours)/Master of Architecture (5 years full time)
Bachelor of Architecture and Environments

If you are interested in design but aren’t sure of your eventual career specialisation, this program is the ideal choice.

The Bachelor of Architecture and Environments provides a broad overview of the built environment through a range of studies including design and architecture, urban design and planning, sustainability, heritage, building systems and construction and facilities management.

You will gain a valuable insights into a number of potential sectors for future employment. This program is also structured so you can progress into a range of master’s programs for further specialisation and professional qualification, including architecture, planning and urban design, architectural and building sciences and technology.

Course details
ATAR 2016: 85.00
Flexible entry available for domestic students
UAC course code: 511103
CRICOS code: 082879K
English language requirements: IELTS 7.0, no band under 6.0
Duration: 3 years full time
Entry: Semester 1 only
### Indicative course progression

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<td>Architectural History and Theory 1</td>
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<td>Architectural Sketching and Drawing</td>
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<td><strong>Total credit points, Semester 2</strong></td>
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Indicative course progression is based on a 144 credit point degree with a Semester 1 enrolment. For a full course description, visit: [sydney.edu.au/architecture/study/bae](http://sydney.edu.au/architecture/study/bae)

“I was excited to enter a new program unlike any other. I was looking for a more well-rounded education in architecture, design and planning that would open up possibilities I may never have considered, such as urban planning, while also inciting new interests in design fields.

“I love the sense of community within the faculty. In many ways, fellow students have also become my teachers and the course fosters a culture of learning where I feel comfortable to share and discuss ideas. The faculty also has incredible facilities always at your disposal.

“I now have a broader sense of the role that architecture, design and planning plays in our changing world, and the extent to which it can influence our everyday lives.

“After my degree I wish to work in the humanitarian field of architecture, either with a firm that works in socially conscious design, or start up my own company or organisation.”

Ariel Del Rosario
Bachelor of Architecture and Environments
Bachelor of Design in Architecture

This degree introduces you to the rewarding discipline of architecture and is your first step to becoming an architect.

The program enables you to conceptualise designs, test assumptions, evaluate results and refine your craft. You will undertake a core program in history and theory, communications, technology and design workshops. Through a studio-based program, you will work with fellow students to solve design challenges and test assumptions.

A range of other opportunities including international exchange, student exhibitions, design competitions and industry presentations are also available to you.

Upon completion, most students enrol in the Master of Architecture to achieve professional certification, followed by the requisite registration process.

Course details
ATAR 2016: 95.00
Flexible entry available for domestic students
UAC course code: 511101
CRICOS code: 052456D
English language requirements: IELTS 7.0, no band under 6.0
Duration: 3 years full time
Entry: Semester 1 only
Undertaking an exchange program in Yogyakarta has allowed me to understand architecture from beyond the perspective of a first-world profession.

Architecture is multidisciplinary, keeping things interesting. We’re expected to be skilled in creative thinking, drawing, writing, photography, sculpture, digital modelling, graphic design, visual/verbal communication, conceptual refinement and most importantly: time management.

“After graduation, I would like to take a gap year to complete an architectural internship abroad. After that, I’ll enrol in a Master of Architecture to continue my studies before settling into a career of design.”

Karen Lin
Bachelor of Design in Architecture, 3rd Year

Indicative course progression

<table>
<thead>
<tr>
<th>Unit code</th>
<th>Unit of study</th>
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<td>Architecture Studio 1A</td>
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<td>BDES3025</td>
<td>Architectural Professional Practice (prerequisite unit for entry into Master of Architecture)</td>
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*Indicative course progression is based on a 144-credit-point degree with a Semester 1 enrolment. For a full course description, visit: sydney.edu.au/architecture/study/bdesarch.shtml
Double degree: Bachelor of Design in Architecture (Honours)/Master of Architecture
New in 2017

If you are passionate about learning and aspire to be a groundbreaking thinker in the practice of architecture, this limited-intake, five-year combined degree is a fast track to achieving your goals.

Through this program you will become familiar with current best practice research in architecture, culminating in a major design studio.

The program includes embedded honours and domestic students who meet the required academic thresholds are assured of automatic entry into the Master of Architecture.

Some postgraduate coursework students are automatically offered a Commonwealth-supported place when they apply to the University. This means the Australian Government subsidises your course fees. The remainder of your fees is called a student contribution.

This unique program has been tailored for students who aspire to be challenged in creative and critical thinking, to be leaders in research-led architectural practice and to make an outstanding contribution to their communities.

Course details
Projected 2017 ATAR: 97.00
Flexible entry available for domestic students
UAC course code: 511104
CRICOS code: please check our website
English language requirements: IELTS 7.0, no band under 6.0
Duration: 5 years full time
Entry: Semester 1 only
Bachelor of Design Computing

By taking the Bachelor of Design Computing, you will learn how to create elegant, high-calibre, commercially viable products and services. You will gain a toolbox of skills in visual design, digital media production, coding, prototyping and UX design.

Most importantly, you will be taught to recognise and use tools that address specific social and commercial challenges and to solve real-world problems.

As a graduate, your skills in design thinking coupled with technical skills, including code, will make you highly sought after by a range of employers, from digital start-ups to major multinational corporations.

Course details
ATAR 2016: 80.00
Flexible entry available for domestic students
UAC course code: 511102
CRICOS code: 036730B
English language requirements: IELTS 7.0, no band under 6.0
Duration: 3 years full time
Entry: Semester 1 only
## Indicative course progression

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<td>DECO1008</td>
<td>3D Modelling and Fabrication</td>
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<td>DECO1017</td>
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Indicative course progression is based on a 144 credit point degree with a Semester 1 enrolment. For a full course description, visit: sydney.edu.au/architecture/study/bdescomp.shtml

“I fell in love with the flexibility of this program on Open Day. No other university offered a course like this and after extensive research, I knew this was the course for me.

“I believe design is in everything, and it should be implemented as a part of every project (software or hardware). User experience design is the best method for creating successful products and services.

“I am currently a UX designer in the Innovation team at PwC Australia. I get to test cutting-edge technology on real users, tackling unusual design challenges.”

**Victoria Adams**  
Bachelor of Design Computing  
UX analyst, PwC Australia
Industry engagement

To ensure you graduate with relevant professional insights, we actively engage with industry partners across all four disciplines of Architecture, Architectural Sciences, Design, and Urban Planning. Many of our staff have roles in leading industry organisations – the Australian Institute of Architects, the NSW Architects Registration Board and national accreditation panels. Our adjunct academics are among the industry’s highest achievers, bringing their expertise to teaching and offering opportunities for engagement and employment.

Our industry collaboration projects are driven by innovation and focus on architectural design, prefabrication, manufacturing, advanced building technologies, computational prototyping and robotics.

We collaborate with leading organisations and practices such as Arup, Lend Lease, the NSW Government Architect, Neeson Murcutt, CHROFI, and Tonkin Zulaikha Greer. We also host visiting international scholars for symposiums, workshops and lectures.
International travel

Expand your university education and enhance your personal, academic and professional experience through a wide range of international travel opportunities available when you study with us.

From 2013-2015 more than 227 students visited 25 countries including Sri Lanka, Chile, Tokyo, the United States, Denmark, Germany and the UK. In 2016, 15 students from the Master of Architecture program will visit and exhibit at the Venice Architecture Biennale as part of their studies.

Whether you are an undergraduate, postgraduate or research student there is a broad range of international studios, exchange programs and travel for research purposes on offer each year.

Exchange program

Participating in an exchange program is available to students in most of our degrees. Our International Exchange Program enables you to graduate with a truly global perspective while having your studies overseas credited towards your degree at Sydney.

- sydney.edu.au/study/overseas-exchange.html

International studios

The Faculty of Architecture, Design and Planning is constantly offering new opportunities for students to travel as a part of their study. International studios can be used as credit towards your degree.

Image top: In Orbit Installation by Tomas Saraceno, photography by Pauline Winjono
Image above: Borobudur Temple, Central Java, Indonesia. Photo by Elizabeth Hung

Above: Sustainable Design and Building Elective in Bali
Left: Camilla Phillips, Master of Architecture, Lund University, Sweden Semester 2, 2015
Postgraduate study
Where will postgraduate study lead you?

Whether you want to gain an edge in your career, change your direction or pursue a passion, the University of Sydney will steer you to places you never imagined.

With hundreds of courses on offer, we make it easy for you to tailor a degree to your personal needs and professional goals.

Our coursework and research degrees offer far more than knowledge. You will join leading thinkers to challenge the known and explore the unknown in a stimulating environment that encourages both learning and networking.

We give you access to leading lecturers, research supervisors, industry networks, research and teaching centres, and a global network of respected alumni. This is one of the reasons many of our graduates go on to change lives for the better, and why we are regularly ranked in the top 50 universities worldwide. * 

Coursework programs

If you want to take the next step in your career or develop academic expertise in your chosen field, master’s degrees are ideal. They typically require between one and two years of full-time study.

Graduate diplomas are normally based on master’s programs but don’t take as long to complete. They are a good option if you can’t commit to a full master’s degree, and they typically require one year of full-time study.

Graduate certificates will suit you if you want to complete a short academic training course to further your career, or sample further study. They typically require six months of full-time study.

You can usually transfer from either a graduate certificate or graduate diploma into a master’s qualification. In this way these degrees can act as a pathway if you don’t meet the master’s entry requirements.

Search online to find out the specific study mode offered for your course:
− sydney.edu.au/courses

Credit for previous studies

You may be eligible for credit if your previous studies are assessed as being directly equivalent to our units of study. Credit arrangements vary by course.

You need to apply when completing your online course application. To find out more about course-specific requirements, check your relevant faculty website. For more information, visit:
− sydney.edu.au/study/credit

Australian Qualifications Framework

The Australian Qualifications Framework (AQF) provides national standards for qualifications in the education and training system.

The University of Sydney’s Master of Philosophy (MPhil) is the second-highest qualification on the framework, and the Doctor of Philosophy (PhD) is the highest qualification.

− www.aqf.edu.au

*QS World University Rankings 2015-16
Grant Cuthbert, second from right, Master of Design Science (Audio & Acoustics) 2013. Grant is now an acoustic consultant at engineering firm Arup’s Sydney studio. He is pictured here with colleagues.
Master of Architecture

In today’s complex and challenging built environment, architects need to be equipped with a diverse skillset to tackle social, environmental, commercial and aesthetic issues that are critical around the globe. This course provides those skills and prepares you for professional registration as an architect.

The Master of Architecture program builds on your undergraduate experience and emphasises integration and research-led design inquiry through studio-based projects. Architectural history, theory and philosophy are also course foundations.

During the program, you will develop working knowledge and expertise across a sequence of three architectural research studios that focus on urban, sustainable and digital themes.

At the culmination of your studies, you will be able to integrate the theoretical, historical, technical and design knowledge and skills you have acquired. You will also be able to expand your perspectives on architectural practice by completing one semester of international exchange during the first three semesters of the program.

Outcome of this course

Graduates may apply to register as an architect with the NSW Architects Registration Board and pursue a range of fields including architecture, design and the wider built environment.

The Master of Architecture, preceded by the Bachelor of Design in Architecture or other equivalent degree is recognised, is recognised by both the Australian Institute of Architects and the Commonwealth Association of Architects.

Modes of study

You can take the Master of Architecture full time or part time. The maximum time for part-time study is six years. International applicants must be enrolled full time.

Course details

<table>
<thead>
<tr>
<th>Course name</th>
<th>Credit points</th>
<th>Duration (full time)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Architecture</td>
<td>96</td>
<td>2 years</td>
</tr>
</tbody>
</table>

The Deviant Picturesque: 25 Fragments of Statuesque Decay, Emmy Omagari
“The Master of Architecture presented an opportunity to develop my architectural thinking and skills in an intensely creative way.

“In addition to the smorgasbord of architectural inspiration that the faculty offers – by way of excellent staff, talented tutors, inspirational peers and past students, visiting international lecturers, industry exhibitions and events – the University’s wide range of exchange partners aligned with my own ambition to study overseas.

“There is also a culture of making and constructing physical objects at our faculty, which I saw as invaluable to the design process. This alone was a huge factor – having wood, metal and digital fabrication labs and technicians close at hand was very useful for understanding how materials are put together.

“The communication skills I developed at university proved most invaluable, along with first-hand experiences of buildings I visited overseas during my exchange to Sweden.”

Tiffany Liew
Master of Architecture

“The Master of Architecture successfully mediates the line between architecture and art and this has provided a great deal of opportunity.

“I have been able to work at PTW Architects and recently Smart Design Studio on the delivery of various residential projects and a proposal for the Green Square Aquatic Centre, while my photographic work, which I developed during the master’s program, has been exhibited overseas. I have experimented across a range of media, including industrial fabrication, computational systems, lighting design and display.

“Under the Hezlet Bequest Travelling Scholarship I was able to produce sculptural and written work jointly with the Auckland University of Technology to be exhibited as part of the 2016 Venice Architecture Biennale.

“I endeavour to continue working in both architecture and art to realise a particular configuration of industrial design and fabrication.”

Benjamin Shand
Master of Architecture
Course progression

The following is an indicative progression for a Master of Architecture, for students seeking an emphasis on Digital Architecture:

<table>
<thead>
<tr>
<th>Unit code</th>
<th>Unit of study</th>
<th>Sem</th>
<th>CP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MARC4002</td>
<td>Sustainable Architecture Research Studio</td>
<td>1</td>
<td>12</td>
</tr>
<tr>
<td>MARC4201</td>
<td>Modern Architectural History</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>MARC4101</td>
<td>Advanced Technologies 1</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Total credit points, Semester 1</td>
<td></td>
<td>24</td>
</tr>
<tr>
<td>MARC4003</td>
<td>Digital Architecture Research Studio</td>
<td>2</td>
<td>12</td>
</tr>
<tr>
<td>MARC4102</td>
<td>Modern Architectural Theory</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>MARC5101</td>
<td>Advanced Technologies 2</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Total credit points, Semester 2</td>
<td></td>
<td>24</td>
</tr>
<tr>
<td>Year 2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MARC4001</td>
<td>Urban Architecture Research Studio</td>
<td>2</td>
<td>12</td>
</tr>
<tr>
<td>MARC6102</td>
<td>3D Computer Design Modelling (or other elective unit of study)</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>Elective</td>
<td></td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Total credit points, Semester 1</td>
<td></td>
<td>24</td>
</tr>
<tr>
<td>MARC5001</td>
<td>Graduation Studio</td>
<td>2</td>
<td>12</td>
</tr>
<tr>
<td>MARC5102</td>
<td>Contract Documentation</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>Elective</td>
<td></td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Total credit points, Semester 2</td>
<td></td>
<td>24</td>
</tr>
</tbody>
</table>

Admission requirements

For admission to the Master of Architecture, you need to hold a Bachelor of Design in Architecture, or a Bachelor of Architecture and Environments or equivalent from another university.

Students who have completed the Bachelor of Design in Architecture at the University of Sydney need to have completed the Master of Architecture prerequisite unit of study BDES3025 (Architectural Professional Practice) and have a weighted average mark (WAM) of 65.

Students who have completed the Bachelor of Architecture and Environments or an equivalent undergraduate architecture degree at another university will need a credit average (65 percent or equivalent) over the final two years of their degree, and must submit a portfolio of work to the faculty and/or demonstrate practical experience.

For a full course description, visit sydney.edu.au/architecture/master-architecture
Inside view

Nicholas Grimes
Master of Architecture, 2015
Architectural Designer, Lend Lease

“I undertook the Master of Architecture with the aim of continuing my education and developing my technical, professional and theoretical understanding of the practice of architecture. After completing my undergraduate degree, I spent 18 months working with Lend Lease’s design team. This valuable experience provided me with additional knowledge that I could put towards the postgraduate course.

“Architectural education involves learning how to learn. This degree provide the tools to tackle unknown challenges with the confidence that you will be able to find a solution and learn in the process.

“The Design, Modelling and Fabrication Lab provided excellent resources for design development. The international electives provided incredible collaborative opportunities and allowed me to develop strong international connections.

“Pitching your design can be just as important as the design itself. The ability to convey your design intentions quickly and concisely is important in ensuring that your intended audience correctly comprehends your concepts.

“The skills I’ve acquired have presented me with the opportunity to work on some of the largest projects in Australia, in collaboration with local and international practices.

“I have also produced the Sydney University Architecture Revue (2010), entered the Sydney VIVID Festival (Made You Look — 2014), and participated in the Bamboo Design Workshop between Sydney University and the Gadjah Mada University in Yogyakarta, Indonesia (2014).

“My education at Sydney has informed my current work in two fundamental ways. First, the design methodologies developed within studio have allowed me to tackle design challenges on a variety of scales, grasping the multiple requirements of complex briefs within a collaborative working environment. Secondly, the development of my technical skills has improved my ability to communicate, as well as taught me the use of a wide variety of programs. This has strengthened my ability to convey my ideas both visually and verbally.

“My advice for students keen on pursuing architecture as a profession is to see that the practice of architecture is exactly that — a practice. The skills established at university equip you for a life of learning, producing and critically engaging with your context. To this end, it is important that you aren’t afraid to ask questions.”
Master of Architectural Science
Audio and Acoustics

Sound informs and shapes our experience of communication, entertainment and architectural spaces. Our audio and acoustics program offers a solid foundation in the design, measurement and theory of sound.

Throughout this program, you will combine sound recording, design and new media with acoustic engineering, signal processing, audio systems, computational modelling and psychoacoustics. You will build on a foundational understanding of the broader aspects of architectural science, including illumination, building services, sustainable design and indoor environmental quality.

Facilities and equipment
The faculty has extensive audio and acoustic facilities including:
− spatial audio lab, for recording and production
− anechoic chamber and reverberant room
− 196-loudspeaker hemispherical array
− field-measurement kits
− the only indoor environmental quality laboratory in the southern hemisphere.

Who should choose this course?
The program is ideal for graduates of the Bachelor of Architecture and Environments as well as audio engineers, architects, interior designers, sustainability designers and music-industry professionals who wish to broaden and deepen their expertise. Units are taught in the evening to cater for working students.

Many students use this program to build high technical capabilities on their broader creative or professional background.
“This degree allowed me to complete internships as part of the coursework, which is a fundamental learning experience and a way of getting a foot in the door.

“My intention as a graduate was to work as an acoustic engineer. When I entered the industry as an intern I discovered a different role that I really enjoyed. I became an audio-visual consultant, a job that challenges me every day and where I can also put into practice the skills I gained from the master’s degree.”

Livia Renhe
Master of Architectural Science (Audio and Acoustics)

What will you achieve?
You will graduate with a specialist education in audio and acoustics that could lead to career opportunities in audio production, system design and acoustic consulting.

Part-time study is available for Australian citizens and permanent residents. You may also take individual units as continuing professional development short courses without enrolling in a degree.

Please refer to page 40 for information on research degrees available in audio and acoustics.

Course details

<table>
<thead>
<tr>
<th>Course name</th>
<th>Credit points</th>
<th>Duration (full time)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Architectural Science (Audio and Acoustics)</td>
<td>72</td>
<td>1.5 years</td>
</tr>
<tr>
<td>Master of Architectural Science (Audio and Acoustics) with second stream</td>
<td>96</td>
<td>2 years</td>
</tr>
<tr>
<td>Graduate Diploma in Architectural Science (Audio and Acoustics)</td>
<td>48</td>
<td>1 year</td>
</tr>
<tr>
<td>Graduate Certificate in Architectural Science (Audio and Acoustics)</td>
<td>24</td>
<td>0.5 year</td>
</tr>
</tbody>
</table>

Indicative course progression
The following is an indicative progression for Audio and Acoustics, assuming a focus on practice.*

<table>
<thead>
<tr>
<th>Unit code</th>
<th>Unit of study</th>
<th>Sem</th>
<th>CP</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC9200</td>
<td>Introduction to Architectural Science</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>DESC9011</td>
<td>Audio Production</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>DESC9115</td>
<td>Digital Audio Systems</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>DESC9138</td>
<td>Architectural and Audio Acoustics</td>
<td>1</td>
<td>6</td>
</tr>
</tbody>
</table>

Total credit points, Semester 1 24

| DESC9201    | Indoor Environmental Quality               | 2   | 6  |
| DESC9117    | Sound Design for New Media                 | 2   | 6  |
| DESC9090    | Audio Systems and Measurement              | 2   | 6  |
| DESC9133    | Architectural Acoustics Practice           | 2   | 6  |

Total credit points, Semester 2 24

Year 2

| DESC9134    | Audio and Acoustics seminar               | 1   | 6  |
| DESC9137    | Spatial Audio                              | 1   | 6  |
| Elective    |                                            | 1   | 6  |
| Elective    |                                            | 1   | 6  |

Total credit points, Semester 1 24

*Full-time students with a research focus should undertake DESC9300 (Research in Architectural and Design Science) in Semester 2 and ARCH9051 (Research Report) in Year 2.

For a full course description, visit
- sydney.edu.au/architecture/audio-acoustics
Building Services  
Graduate certificate

This course equips you with the technical skills, expertise and confidence to become an industry professional able to lead a building services strategy across a substantial property portfolio.

Who should choose this course?

This course is intended for applicants with a technical background who seek to broaden their understanding of building services, sustainability and facilities management; or for graduates of the Bachelor of Architecture and Environments.

Course details

<table>
<thead>
<tr>
<th>Course name</th>
<th>Credit points</th>
<th>Duration (part time)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate Certificate in Architectural Science (Building Services)</td>
<td>24</td>
<td>0.5 to 1 year</td>
</tr>
</tbody>
</table>

For a full course description, visit sydney.edu.au/architecture/building-services

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Facilities Management  
Graduate certificate

This course builds on your technical qualifications through the addition of strategic management principles that drive high-performance buildings. You will learn to align building operations with organisational priorities and how building services and sustainable approaches produce value.

Who should choose this course?

This course is aimed at ambitious graduates of the Bachelor of Architecture and Environments or individuals involved in, or seeking to make the transition into, the strategic management of business premises.

Course details

<table>
<thead>
<tr>
<th>Course name</th>
<th>Credit points</th>
<th>Duration (part time)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate Certificate in Architectural Science (Facilities Management)</td>
<td>24</td>
<td>0.5 to 1 year</td>
</tr>
</tbody>
</table>

For a full course description, visit sydney.edu.au/architecture/facilities-management

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Graduate certificates in Building Services and Facilities Management

Modes of study

Graduate certificates require two semesters of part-time study. Part-time study is available for Australian citizens and permanent residents.

Further study

Students who complete the Graduate Certificate of Facilities Management or Graduate Certificate of Building Services with a weighted average mark of 70 throughout their study may upgrade to the diploma or master’s degree in High-Performance Buildings, for which credit will be granted for completed units of study.

For graduate certificate admission requirements, see page 44.

“"The University of Sydney is one of the few universities in Australia that offers a multidisciplinary approach to facilities management, combining industry knowledge from sustainable design and building services."

Bibiana Uzabeaga  
Master of Design Science  
(Sustainable Design and Building Services)  
Building Operations Supervisor, Jones Lang LaSalle

“In my final year of study, I acquired an internship with international real estate firm Jones Lang LaSalle in the property and asset management division.”
Master of Architectural Science
High-Performance Buildings

With more than 40 percent of energy costs tied up in buildings, the need for sustainable, operationally efficient solutions that don’t compromise occupant comfort is paramount.

By bringing together the myriad streams of environmental performance, building economics and indoor environmental quality, this program produces built environment professionals with a strategic grasp of the challenges of building design, service provision and operations.

Facilities and equipment
You will have access to the latest equipment and facilities, such as our indoor environmental quality laboratory, where you can research the interaction of key factors such as temperature, humidity, air movement, ventilation rates, air quality, daylight, electric lighting, sound and acoustics.

Who should choose this course?
This course is open to graduates from a range of disciplines including from the Bachelor of Architecture and Environments as well as science, engineering, architecture, building and planning.

Property Council of Australia
Students who have completed the Operations and Facilities Management (Advanced) program with the Property Council of Australia are eligible for six credit points toward the diploma or master’s degree in High-Performance Buildings.

What will you achieve?
This unique specialisation allows you to pursue a career within a wide range of areas, including the design and creation of building services requiring an architectural engineering solution, architectural practice, business, sustainable design, commercial development, property management and more.

Intensive units
All core units are taught in block-mode intensives over several full days. Part-time study is available for Australian citizens and permanent residents.

Course details

<table>
<thead>
<tr>
<th>Course name</th>
<th>Credit points</th>
<th>Duration (full time)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Architectural Science (High-Performance Buildings)</td>
<td>72</td>
<td>1.5 years</td>
</tr>
<tr>
<td>Master of Architectural Science (High-Performance Buildings) with second stream</td>
<td>96</td>
<td>2 years</td>
</tr>
<tr>
<td>Graduate Diploma in Architectural Science (High-Performance Buildings)</td>
<td>48</td>
<td>1 year</td>
</tr>
<tr>
<td>Graduate Certificate in Architectural Science (High-Performance Buildings)</td>
<td>24</td>
<td>0.5 year</td>
</tr>
</tbody>
</table>

Continuing Professional Development (CPD)
You can undertake a single unit of study without assessment and claim your CPD points. Please note, however, that these CPD credits will not count towards a postgraduate award.

– sydney.edu.au/architecture/cpd

Photo by David Stevenson www.dscreativ.com
Master of Architectural Science
Illumination Design

Our entire visual experience depends on light. It has an important impact on the function and aesthetics of architectural spaces. There is growing demand for lighting specialists to oversee the implementation of sustainable and innovative solutions for large-scale architecture and property projects, as well as to develop and specify high-calibre lighting products.

This program offers strong technical education in human visual perception, methods for quantifying light, lighting technologies and sustainability. Using biology and physics, the coursework gives you a deep appreciation of the ways that light shapes the human experience of the built environment. This is complemented by practical curriculum to prepare you for a career in the lighting industry.

Who should choose this course?
This professional program is ideal for graduates of the Bachelor of Architecture and Environments. We also welcome students from diverse backgrounds including architecture, engineering, computer science, interior design and psychology.

What will you achieve?
Career pathways for graduates include employment in lighting design, engineering, lighting equipment manufacturers, architectural and design practices, lighting distributors and consultancies.

Subject to required practical experience, once you successfully complete this master’s coursework program you will be qualified for full membership in the Illuminating Engineering Society of Australia and New Zealand.

Course details

<table>
<thead>
<tr>
<th>Course name</th>
<th>Credit points</th>
<th>Duration (full time)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Architectural Science (Illumination Design)</td>
<td>72</td>
<td>1.5 years</td>
</tr>
<tr>
<td>Master of Architectural Science (Illumination Design) with second stream</td>
<td>96</td>
<td>2 years</td>
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<td>Graduate Diploma in Architectural Science (Illumination Design)</td>
<td>48</td>
<td>1 year</td>
</tr>
<tr>
<td>Graduate Certificate in Architectural Science (Illumination Design)</td>
<td>24</td>
<td>0.5 year</td>
</tr>
</tbody>
</table>
“The master’s in illumination design is well known in the lighting design industry. It is the only course available that offers insights into design and, more importantly, a comprehensive look at the technical aspects behind it.

“I had been working as a lighting designer for a few years and decided that to develop my knowledge and career, I would need to undertake further studies. The opportunity to study in other fields that work in conjunction with lighting design such as air quality, project management and acoustics, appealed to me.

“Completing this degree has given me additional confidence when advising on anything lighting related. Also, understanding the fundamentals of current technology has given me a platform to better understand future technologies.

“This degree has provided me with the platform to enter into a senior design role and hopefully progress from this point.”

Deanna Abdalla  
Master of Architectural Science (Illumination Design)  
Senior Lighting Designer, Lighting Art & Science

### Indicative course progression

<table>
<thead>
<tr>
<th>Unit code</th>
<th>Unit of study</th>
<th>Sem</th>
<th>CP</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC9200</td>
<td>Introduction to Architectural Science</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>DESC9167</td>
<td>Light and Vision</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>DESC9166</td>
<td>Photometry and Colorimetry</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>Elective</td>
<td></td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total credit points, Semester 1</strong></td>
<td></td>
<td>24</td>
<td></td>
</tr>
<tr>
<td>DESC9201</td>
<td>Indoor Environmental Quality</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>DESC9164</td>
<td>Lighting Technologies</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>DESC9154</td>
<td>Lighting Design Software</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>DESC9198</td>
<td>Subjective Analysis in Lighting Design</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total credit points, Semester 2</strong></td>
<td></td>
<td>24</td>
<td></td>
</tr>
</tbody>
</table>

#### Intensive units

All Illumination Design core units are taught in block mode intensives over several full days rather than weekly lectures.

Part-time study is available for Australian citizens and permanent residents.

You may take individual subjects as continuing professional development short courses without enrolling in a degree.

For a full course description, visit – [sydney.edu.au/architecture/illumination-design](http://sydney.edu.au/architecture/illumination-design)
Master of Architectural Science
Sustainable Design

Combine your professional skills with a sustainability consciousness. Sustainable design involves creating buildings that meet the world’s need to reduce human impact on ecological systems. Our integrated approach provides you with the knowledge to address sustainability issues without compromising building functionality or profitability. This course integrates units from the architectural sciences, building services, facilities management and high-performance buildings.

“This degree equips you with the theoretical knowledge to provide solutions for a more sustainable built environment.

“I had the opportunity to polish my skillset and gain industry experience by helping out at the Total Facilities Live Expo 2015, participate in student competitions, and work as an optimisation engineering intern at Grosvenor Engineering Group.

“One of my most significant achievements is receiving the 2015 Chartered Institution of Building Services Engineers NSW Student of the Year Award, where I used knowledge gained from Sustainable Design Principles and Building Energy Analysis. I’m now conducting a research project trying to better understand the occupants’ thermal comfort level, which is a key purpose of sustainable design.

“These experiences are crucial for understanding real-world problems and finding solutions for them, and will contribute to my future professional success.”

Sihui Wang
Master of Architectural Science (Sustainable Design)
Who should choose this course?
This program is tailored for graduates of the Bachelor of Architecture and Environments, and for design and related built environment professionals who wish to improve their knowledge and skills in sustainable design.

What will you achieve?
Our program produces graduates who can work as sustainability experts in a wide range of fields, including architecture, property development, construction and urban planning.

Part-time study is available for Australian citizens and permanent residents. You can take individual units as continuing professional development short courses without enrolling in a degree.

Intensive units
Most Sustainable Design core units are taught in block mode intensives over several full days rather than weekly lectures.

Course details

<table>
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<tr>
<th>Course name</th>
<th>Credit points</th>
<th>Duration (full time)</th>
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</thead>
<tbody>
<tr>
<td>Master of Architectural Science (Sustainable Design)</td>
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<td>1.5 years</td>
</tr>
<tr>
<td>Master of Architectural Science (Sustainable Design) with second stream</td>
<td>96</td>
<td>2 years</td>
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<tr>
<td>Graduate Diploma in Architectural Science (Sustainable Design)</td>
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<tr>
<td>Graduate Certificate in Architectural Science (Sustainable Design)</td>
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<td>0.5 year</td>
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</table>

Indicative course progression

<table>
<thead>
<tr>
<th>Unit code</th>
<th>Unit of study</th>
<th>Sem</th>
<th>CP</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC9200</td>
<td>Introduction to Architectural Science</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>DESC9014</td>
<td>Building Construction Technology</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>DESC9147</td>
<td>Sustainable Building Design Principles</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>DESC9015</td>
<td>Building Energy Analysis</td>
<td>1</td>
<td>6</td>
</tr>
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<td>Total credit points, Semester 1</td>
<td>24</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC9201</td>
<td>Indoor Environmental Quality</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>DESC9169</td>
<td>Daylight in Buildings</td>
<td>2</td>
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Year 2

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</table>

Indicative course progression is based on a 72 credit point master’s degree with a Semester 1 enrolment.

For a full course description, visit
- sydney.edu.au/architecture/sustainable-design
Master of Interaction Design and Electronic Arts

The Interaction Design and Electronic Arts program enables you to design for the future using the emergent technologies of today.

This program infuses technological innovation with human-centred design thinking. The result is an understanding of ways to design interactive products and systems that will have lasting cultural and commercial importance.

Learn to design across multiple platforms and scales – from wearable computing and mobile applications to interactive architecture, responsive environments, social media and urban informatics. Your ideas may become the basis of prototype products, patents or even start-up services.

Through a series of collaborative design studios and technical workshops, you will acquire the essential knowledge and skills for envisioning, creating and evaluating innovative solutions to a range of design challenges.

You can adapt this program to suit your interests by taking electives from other faculties. You will also build a compelling portfolio showcasing not only your design skills, but also your understanding of how best to convey the user experience of new products and services.

The course culminates in a capstone research project, industry internship or graduation design project.

Who should choose this course?

This degree is aimed at graduates of the Bachelor of Architecture and Environments as well as talented individuals who are seeking a career in user-experience, interaction design or to use technology creatively for design and commercial purposes.

What will you achieve?

Students become proficient in the design of interactive experiences and the creative use of new technologies that they can then use in a wide range of professional, design and industry settings.
“I have a design studio in Mexico where I design and develop projects related to graphic, industrial and editorial design. From time to time clients would ask me to work on projects that involved coding or web design skills, I would have to outsource. Design trends are evolving and focusing on digital and web sectors, leading me to enrol in the Master of Interaction Design and Electronic Arts to complement my existing skillset.

“During my degree I had the chance to exhibit some of my work and projects with the faculty’s Tin Sheds Gallery. This helped me to find an internship, which has resulted in ongoing employment at Fairfax Media.”

Armando Bretón Olguín
Master of Interaction Design and Electronic Arts
Senior UX designer, Fairfax Media

### Course details

<table>
<thead>
<tr>
<th>Course name</th>
<th>Credit points</th>
<th>Duration (full time)</th>
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<tbody>
<tr>
<td>Master of Interaction Design and Electronic Arts</td>
<td>72</td>
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**Indicative course progression**

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<th>Unit code</th>
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<td>IDEA9106</td>
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<td>IDEA Laboratory 2</td>
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<td>IDEA 9311</td>
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</table>

*Note in Year 2, Semester 1, you may pursue a capstone research project as a pathway to PhD research instead of the graduation studio.

Diversify your course

You can add a specialisation in Audio and Acoustics or Illumination Design. This will differentiate your skill set and enable you to work in the emerging area of interactive sound and lighting in entertainment, buildings and public spaces.

For a full course description, visit − sydney.edu.au/architecture/idea
Master of Heritage Conservation

In this program you will develop your skills in best practice conservation, adaptive reuse of buildings and management of culturally significant places.

This course offers insights into the importance of cultural continuity and place identity while challenging you to imagine how to regenerate and renew buildings, urban areas and cultural landscapes through architectural intervention and urban strategy.

You will learn how to assess heritage significance and how this assessment translates into policies that facilitate or constrain development. You will learn techniques for documentation, management and interpretation of culturally important places and about the regulatory and policy framework for local and international heritage conservation.

Gain industry relevant experience via a graduate internship and benefit from mentoring by heritage professionals through the International Council of Monuments and Sites.

Who should choose this course?

If you are a graduate of the Bachelor of Architecture and Environments or come from an architectural, urban planning, archaeological, historical, engineering or related background, this course will develop your specialist conservation and adaptive reuse skills. We also welcome applicants from other disciplines.
What will you achieve?

Career pathways include conservation specialist, architecture, planning, archaeology, history or heritage consultancy.

Modes of study

Part-time study is available for Australian citizens and permanent residents. You may also take individual units as continuing professional development short courses without enrolling in a degree.

Course details

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<tr>
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For students seeking a two-year, 96 credit point program, please refer to the Master of Urbanism on page 38.

Indicative course progression

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<th>Unit of study</th>
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<th>CP</th>
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<tr>
<td>ARCH9074</td>
<td>Principles of Heritage Conservation</td>
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<td>ARCH9082</td>
<td>Conservation of Traditional Materials</td>
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<td>ARCH9028</td>
<td>Conservation Methods and Practices</td>
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<td>ARCH9081</td>
<td>Heritage Law and Policy</td>
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<td>ARCH9084</td>
<td>Conservation Design Studio</td>
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<td>Year 2</td>
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<td>ARCH9074</td>
<td>New Design in Old Settings</td>
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</tbody>
</table>

For a full course description, visit sydney.edu.au/architecture/heritage-conservation

“A passion for old places drew me to the Master of Heritage Conservation. I love the richness that historic buildings and places provide for cities. I wanted to play a role in their conservation, reuse and adaptation so they remain useful, viable and vibrant places that communities appreciate, identify with and care about.

“Historic places, whether they are buildings, plazas, parks or railway stations all combine to tell the stories of a city’s development and growth. I wanted to be involved in the process of retaining cohesive stories for cities in partnership with new development.

“I also wanted to help overcome the misconception that heritage places cannot be changed – it is just not true. Heritage is entrenched in history, but its adaptation and reuse can be progressive and contemporary.”

Steven Barry
Master of Heritage Conservation, Senior Consultant, GML Heritage
Master of Urban Design

Urban designers operate at the nexus of aesthetic, economic, political and technical fields. The Master of Urban Design will help you to develop leadership and expertise in urban design and urbanism, with a strong emphasis on sustainability, quantification and implementation.

Extend the core skills of the design and formulation of urban projects, and inform your professional practice with a thorough understanding of the policy and economics that drive development.

This program offers an appreciation of the historical and theoretical dimensions of urbanism and design, urban morphology and the relationship between ecological processes and city forms. You will develop the ability to analyse contexts, define principles and provide guidance for designers of buildings, landscapes and the public domain. We will train you to refine and focus your skills in spatial thinking and visual communication.

Who should choose this course?

Professionals and graduates in architecture, landscape architecture, urban planning or closely related areas will develop and extend their professional expertise, but we also welcome applicants from other disciplines.

What will you achieve?

This program produces skilled graduates who work in design, management and teaching roles in Australia and overseas.

Admission requirements

Applicants for the graduate certificate need to hold a bachelor’s degree with a credit average and/or relevant work experience.

Admission to the graduate diploma or master’s degree requires a bachelor degree in architecture, urban planning or related field with a weighted average mark of at least 65. You could also go straight from the graduate certificate to the diploma or master’s degree with a WAM of least 65.

To enable us to assess your aptitude, applicants for the graduate diploma and master’s degree need to submit a portfolio of work, records of work and travel or study related to urban design or a related discipline. If this portfolio includes group or professional work, it is important that you indicate clearly your particular role in producing each item of submitted work.

For more on how to apply, see page 44.
Course details

<table>
<thead>
<tr>
<th>Course name</th>
<th>Credit points</th>
<th>Duration (full time)</th>
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<td>Graduate Diploma in Urban Design</td>
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<td>1 year</td>
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<tr>
<td>Graduate Certificate in Urban Design</td>
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For students seeking a two-year, 96 credit point program, please refer to the Master of Urbanism on page 38.

Indicative course progression

<table>
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<tr>
<th>Unit code</th>
<th>Unit of study</th>
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<td>History and Theory of Planning and Design</td>
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Total credit points, Semester 1 24

| Year 1      |                                      |     |    |
| ARCH9080    | Urban Ecology, Design and Planning   | 2   | 6  |
| ARCH9063    | Urban Morphology                     | 2   | 6  |
| Elective    |                                      | 2   | 6  |
| Elective    |                                      | 2   | 6  |

Total credit points, Semester 2 24

| Year 2      |                                      |     |    |
| ARCH9002    | Urban Design Studio B                | 1   | 12 |
| ARCH9060    | Urban Design Report                  | 1   | 12 |

Total credit points, Semester 1 24

For a full course description, visit
- sydney.edu.au/architecture/urban-design

Above: Shinagawa Koso-eki, Collage, diagram and photo, by John Stuart Caldwell, Master of Architecture, Graduate Design Studio
Master of Urban and Regional Planning

Urban and regional planners prepare plans and policies at a range of levels including national, state and local governments, as well as precinct and site. They are also involved in the private sector, working for property developers and real estate entrepreneurs.

Urban and Regional Planners develop specialised knowledge in environmental design and strategic planning for well-structured cities, including the sustainable management of towns and cities. This program focuses on developing an understanding of the ways that cities and sites are constructed physically, socially and environmentally.

You will develop the professional communication skills, reasoning and analytical processes required to make valuable contributions to the policy, technical and regulatory aspects of urban and regional planning. The teaching curriculum covers both Australian and international contexts.

A specialisation is also available by selecting from the range of options offered in the Heritage Conservation stream. The program is a member of the United Nations Habitat University Network Initiative.

Who should choose this course?

This course is for graduates from the Bachelor of Architecture and Environments or those with a bachelor’s degree in human geography, design or related field seeking a professional education in urban and regional planning. It is also for those working in the field who wish to expand their knowledge and skills.

What will you achieve?

The program is accredited by the Planning Institute of Australia and graduates are eligible, subject to professional experience requirements, for corporate membership of the institute.

Modes of study

Full-time or part-time study is available for Australian citizens and permanent residents. You can also take individual units as continuing professional development short courses without enrolling in a degree. Urban and Regional Planning may also be taken as a major stream within the two-year Master of Urbanism program (see page 39).
“I’ve always been interested in the built environment but have a humanities background. The Master of Urban and Regional Planning allows me to combine my undergrad skills with a practical master’s degree that will result in an industry-recognised qualification.

“The Urban Planning department offers a variety of extracurricular activities and opportunities, such as the Festival of Urbanism, units of study that involve overseas travel, for example, the recent international development trip to Indonesia, exhibitions of student work, and teachers who are always happy to foster links between industry and students through university-run events.”

Anna Kaskanlian
Master of Urban and Regional Planning

“I’ve always been interested in the built environment but have a humanities background. The Master of Urban and Regional Planning allows me to combine my undergrad skills with a practical master’s degree that will result in an industry-recognised qualification.

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Anna Kaskanlian
Master of Urban and Regional Planning

For students seeking a two-year, 96 credit point program, please refer to the Master of Urbanism on page 38.

Elective units in the Urban and Regional Planning Program include:

- Housing and Urban and Regional Development
- International Urban Development Planning
- Urban Morphology
- Urban Ecology, Design and Planning
- GIS-based Planning Policy and Analysis.

Other elective units can be taken from the Urban Heritage stream or, in special cases, elsewhere in the University if deemed relevant to the Master of Urban and Regional Planning. You can take a 24-credit point research unit (Planning Dissertation 1 and 2) over two semesters instead of the Planning Report if you are interested in possible higher degree research, and demonstrate a distinction average.

For a full course description, visit

- sydney.edu.au/architecture/urban-regional-planning
Master of Urbanism

This degree is a two-year, 96-credit-point version of the specialist 18-month master’s programs in Urban Design, Heritage Conservation and Urban and Regional Planning.

This extended time frame enables you to experience a cross-disciplinary approach while still specialising in a specific area of professional interest.

Developed in consultation with a range of industry stakeholders, this degree culminates in an integrated studio unit where you will have the opportunity to apply your knowledge and demonstrate the skills required for successful teamwork in a complex, real-world project.

The program also offers elective opportunities to participate in either an international field studio or an internship.

Who should choose this course?

This program is open to graduates of the Bachelor of Architecture and Environments as well as a broad range of applicants interested in developing professional careers in environmental planning, urban policy, urban design, heritage conservation and policy, with specialisation in one area.

What will you achieve?

As a graduate, you will be a highly sought-after professional able to work across development, policymaking and design of the built environment.

Admission requirements

You need to have completed the Bachelor of Architecture and Environments or a bachelor’s degree in planning, architecture, design, human geography and/or related fields in the sciences or humanities, or have completed an approved graduate certificate and have achieved a weighted average mark of 70 or above.

Course details

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<th>Credit points</th>
<th>Duration (full time)</th>
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<tr>
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Course progression
The following is an indicative progression for Master of Urbanism (Urban and Regional Planning Specialisation)

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<th>Unit code</th>
<th>Unit of study</th>
<th>Sem</th>
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<tr>
<td>Year 1</td>
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<tr>
<td>ARCH9074</td>
<td>History and Theory of Conservation</td>
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<td>ARCH9100</td>
<td>Introduction to Urban Design</td>
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<td>PLAN9068</td>
<td>History and Theory of Planning and Design</td>
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<td>PLAN9063</td>
<td>Strategic Planning and Design</td>
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<tr>
<td>ARCH9063</td>
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<td>PLAN9045</td>
<td>Economics for Planners</td>
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Note: specialisations also available in Urban Design and Heritage Consulting. For more details see sydney.edu.au/architecture

For a full course description, visit sydney.edu.au/architecture/urbanism
Research

We invest in research that changes the way we think about the world and how we live and work in it.

The University is a member of Australia’s prestigious Group of Eight network and the Association of Pacific Rim Universities. This association partners us with others that excel in research, including Stanford, Caltech, UC Berkeley and UCLA.

Our research is shaped by the big picture. We look at real-world problems from all angles, combining the expertise and talents of scholars from many disciplines.

This collaboration drives our interdisciplinary research centres, including several dedicated to deepening our understanding of China and Southeast Asia, and increasing Australia’s engagement in these regions.

Find out more about our current research: sydney.edu.au/research

Research degrees at Sydney

Embarking on a research degree here is an opportunity to work alongside some of the world’s brightest and most accomplished academics.

We offer exceptional facilities and we have an innovative edge and the drive to challenge traditional ways of thinking. You will have the support you need to contribute to research that makes a meaningful, real-world impact. Learn more:

- sydney.edu.au/study/find-a-course/postgraduate-research.html

The Faculty of Architecture, Design and Planning places great emphasis on its research activity. We are home to a diverse and vibrant community of scholars, researchers and practitioners, many of whom have taken national and international leadership roles in their fields.

The faculty offers the opportunity to pursue research degrees – the Master of Philosophy (MPhil) and the Doctor of Philosophy (PhD) in the following disciplines:

- Architecture
- Architectural Science
- Design
- Urban and Regional Planning and Policy.

You may seek candidature in any of these fields, or pursue interdisciplinary studies across a range of fields within the faculty or the University’s other faculties. The University and the faculty have formal links with many international institutions, including exchange agreements offering research opportunities.

In 2016, the faculty hosted Rob|Arch 2016: Robotic Fabrication in Architecture, Art & Design Conference. This brought together world-leading researchers from Harvard, RWTH Aachen, MIT, ETH Zurich and IAAC Barcelona, who are at the forefront of new robotic technologies and applications ranging from the construction industry to interaction design and creative practice.

For more information, please visit

- sydney.edu.au/architecture/research/research_strengths

Associate Professor Duanfang Lu explains her latest research on urbanism in China
Master of Philosophy (Architecture)

This master’s program allows candidates to undertake research and advanced specialisation in any area of scholarship or design covered by the faculty.

Entry requirements include a bachelor’s degree – generally a four-year degree or a three-year degree with honours in a relevant discipline.

The program is generally completed in four semesters of full-time study (two years) or eight semesters of part-time study (four years).

Doctor of Philosophy (PhD)

This degree is awarded for a thesis that is a substantial and original contribution to the discipline. Entry requirements include a master’s degree with a research component or a bachelor’s degree with first or second-class honours.

Alternatively, you may be able to upgrade from the Master of Philosophy program, providing you have made satisfactory progress.

Candidates usually complete the PhD within three years full time or six years of part-time study (part time is available to domestic students only). You will need to produce a final thesis in the range of 50,000 to 80,000 words.

Design PhD

The Design PhD is a studio-based program for architects and designers who are driven by a commitment to expand the frontiers of their practice and position themselves at the forefront of their field. Entry requirements include a research master’s degree or a bachelor’s degree with first or second class honours. Alternatively you may be admitted having passed a qualifying examination at an equivalent standard. This examination could involve completion of a period of relevant advanced study and research towards a masters degree at the University of Sydney. The program involves a substantial design work for exhibition and a thesis.

We support your work through training in research methods, one-on-one supervision and a collegial studio environment with other candidates and faculty members.

For more information, please visit sydney.edu.au/architecture/research/study/research_degrees

Image right: Dr Crighton Nichols, PhD Design Lab 2014, leads the innovation team within PricewaterhouseCoopers Australia’s core technology group.
Fees and costs

Undergraduate

Domestic students

All domestic undergraduate students are eligible for a Commonwealth-supported place, if you are a citizen of Australia or New Zealand (including dual citizens) or hold an Australian permanent resident visa or an Australian humanitarian visa.

As a CSP student, your tuition fees will be subsidised by the Australian Government. You will pay the remainder, called a 'student contribution'. The amount you contribute depends on the units of study you choose. Student contribution amounts are reviewed annually by the University, and will increase each year of your period of study (subject to a maximum determined by the government), effective at the start of each calendar year.

Eligible CSP students can obtain a full or part HECS-HELP loan for their student contribution, either paid upfront or repaid when your income exceeds a certain amount. For details, visit www.studyassist.gov.au

Combined undergraduate degree tuition fees

For international students, for combined undergraduate degrees commencing in 2017, a single course tuition fee applies for the duration of your study in the combined degree, regardless of the units of study that are undertaken as part of your combined degree. Importantly, the single course tuition fee is subject to annual review and will increase each year of your study in the combined degree.

Double degree tuition fees (undergraduate to postgraduate) – price differentiation

For double degrees, where domestic and international students complete undergraduate and postgraduate qualifications under one set of course resolutions, a higher tuition fee rate will apply to the postgraduate degree.

Annual review

Importantly, tuition fees are subject to annual review by the University and will increase each year, effective at the start of each calendar year.

Other costs

In addition to fees, you should budget for:

− additional course costs. Some costs are significant for faculty-specific materials and textbooks, tools, protective clothing, and equipment.

For more information about additional costs, visit your faculty’s website at sydney.edu.au/faculties

− the Student Services and Amenities (SSA) fee.

The following costs are specific to international students:

− health insurance through the Overseas Student Health Cover (OSHC) scheme. This is an Australian Government requirement for student visa holders: sydney.edu.au/pg-int-health

− education expenses for students’ children: schools.nsw.edu.au/international

− living expenses such as food and rent: sydney.edu.au/study/finances-fees-costs/living-costs.html

More information

For more information about course-related and other incidental costs, financial assistance, loans, upfront tuition fee payments (international students) and scholarships, please visit: sydney.edu.au/study/finances-fees-costs.html

Contact us if you have other questions about fees or need more information:

− sydney.edu.au/contact-us

Method of payment

There are several ways you can pay the fees that apply to your study. A surcharge of 0.8 percent will apply for payments made by Visa or MasterCard. The surcharge is subject to review and may change. Information about payment methods and the surcharge is set out at: sydney.edu.au/study/finances-fees-costs/fees-and-loans/paying-your-fees.html

International students

Tuition fees for international students vary between courses, and the year that you undertake your study in the course. Check indicative tuition fees for your chosen course on sydney.edu.au/courses

Please note that all tuition fees shown on sydney.edu.au/courses for international students are:

− quoted in Australian dollars and correct at time of publication

− indicative tuition fees for year 1, in the listed calendar year only

− from 2017, set for each course based on 48 credit points per year, or 1.0 Equivalent Full-Time Student Load (1.0 EFTSL). If your study load for the year is more or less than 1.0 EFTSL, your tuition fee will differ.

Combined undergraduate degree tuition fees

For international students, for combined undergraduate degrees commencing in 2017, a single course tuition fee applies for the duration of your study in the combined degree, regardless of the units of study that are undertaken as part of your combined degree. Importantly, the single course tuition fee is subject to annual review and will increase each year of your study in the combined degree.

Double degree tuition fees (undergraduate to postgraduate) – price differentiation

For double degrees, where domestic and international students complete undergraduate and postgraduate qualifications under one set of course resolutions, a higher tuition fee rate will apply to the postgraduate degree.

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Importantly, tuition fees are subject to annual review by the University and will increase each year, effective at the start of each calendar year.

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For more information about additional costs, visit your faculty’s website at sydney.edu.au/faculties

− the Student Services and Amenities (SSA) fee.

The following costs are specific to international students:

− health insurance through the Overseas Student Health Cover (OSHC) scheme. This is an Australian Government requirement for student visa holders: sydney.edu.au/pg-int-health

− education expenses for students’ children: schools.nsw.edu.au/international

− living expenses such as food and rent: sydney.edu.au/study/finances-fees-costs/living-costs.html

More information

For more information about course-related and other incidental costs, financial assistance, loans, upfront tuition fee payments (international students) and scholarships, please visit: sydney.edu.au/study/finances-fees-costs.html

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Fees and costs
Postgraduate

Domestic students
Most domestic postgraduate students study in a fee-paying place, however, a limited number of Commonwealth supported places (CSPs) may be available for some courses, on a competitive basis. Refer to your chosen course in sydney.edu.au/courses to determine if it offers CSPs.

The tuition fees and, where applicable, student contributions on sydney.edu.au/courses are an estimate only of the fees payable in the advertised calendar year of study. Fees are based on a full-time student enrolment load of 24 credit points per semester, or 48 credit points per year (1.0 EFTSL). If your study load for the year is more or less than 1.0 EFTSL your tuition fee will differ.

Annual review
The University’s tuition fees for domestic and international postgraduate students are subject to annual review, and will increase each year of your period of study, effective at the start of each calendar year.

Student contribution amounts are also reviewed annually by the University, and will increase each year of your period of study (subject to a maximum student contribution amount determined by the Australian Government), effective at the start of each calendar year. For more information, visit www.studyassist.gov.au

International students
The tuition fees on sydney.edu.au/courses are an estimate only of the fees payable in the advertised calendar year of study. Fees are based on a full-time student enrolment load of 24 credit points per semester, or 48 credit points per year (1.0 EFTSL). If your study load for the year is more or less than 1.0 EFTSL your tuition fee will differ.

Annual review
The University’s tuition fees for international students are subject to annual review, and will increase each year of your period of study, effective at the start of each calendar year.

Student contribution amounts are also reviewed annually by the University, and will increase each year of your period of study (subject to a maximum student contribution amount determined by the Australian Government), effective at the start of each calendar year. For more information, visit www.studyassist.gov.au

Other costs
In addition to fees, you should budget for:

- additional course costs. Some costs are significant for faculty-specific materials and textbooks, tools, protective clothing, and equipment. For more information about additional costs, visit your faculty’s website at sydney.edu.au/faculties
- the Student Services and Amenities (SSA) fee.

The following costs are specific to international students:

- health insurance through the Overseas Student Health Cover (OSHC) scheme. This is an Australian Government requirement for student visa holders: sydney.edu.au/pg-int-health
- education expenses for students’ children: schools.nsw.edu.au/international
- living expenses such as food and rent: sydney.edu.au/study/finances-fees-costs/living-costs.html

More information
For more information about course-related and other incidental costs, financial assistance, loans, upfront tuition fee payments (international students) and the availability of scholarships, please visit:

- sydney.edu.au/study/finances-fees-costs.html

If you have other specific questions about fees or need more information, please get in touch with us:

- sydney.edu.au/contact-us

Method of payment
There are several ways you can pay the fees that apply to your study. Please note that a surcharge of 0.8 percent will apply for payments made by Visa or MasterCard. The surcharge is subject to review and may change. Information about payment methods and the surcharge is set out at:

- sydney.edu.au/study/finances-fees-costs/fees-and-loans/paying-your-fees.html
How to apply

Undergraduate degree

Domestic applicant
- Flexible entry is available
- Make sure you meet the admissions criteria (ATAR and assumed knowledge) for your preferred course
- Apply through the Universities Admissions Centre (UAC) at uac.edu.au

International applicant
- Find your course at sydney.edu.au/courses
- Make sure that you meet the admission criteria, including academic and English language requirements.
- Click the ‘apply now’ button.

Postgraduate coursework

If you are a domestic or international applicant, apply online by following these steps:
- Find your course at sydney.edu.au/courses
- Make sure that you meet the admission criteria, including academic and English language requirements.
- Click the ‘apply now’ button. You can also apply for credit for prior studies, which can significantly reduce the length of your degree.

Eligibility for postgraduate study

Applicants for a master’s degree or graduate diploma need to have a bachelor’s degree.

Master’s degree applicants for Architecture, Heritage Conservation, Interaction Design and Electronic Arts, and Urban and Regional Planning need to have a bachelor’s degree with a credit average.

Graduate certificate applicants need to have a bachelor’s degree; or can enter the program with permission by demonstrating at least five years’ professional experience deemed to reflect sufficient knowledge to satisfy entry requirements.

Research degree

Step 1. Find a supervisor
You can find a list of all academic staff, their areas of research and research publications and grants at:
- sydney.edu.au/architecture/research/people/research_staff

Research Supervisor Connect matches your research interests to available research opportunities and supervisors.
- sydney.edu.au/research/opportunities

Your prospective supervisor should have agreed to supervise you before you apply.

Step 2. Develop a statement of research interest
You need to develop a statement of research interest in conjunction with a member of the faculty’s academic staff who you would like to be your research supervisor.

The goal of this statement is to determine whether your research interests align with the faculty’s research interests, and to help us ascertain your research background and experience.

The statement of research interest should be 1500 to 2000 words and needs to include:
- your proposed topic area
- some indication of what research has already been done in that area
- specific research questions you propose to pursue
- a brief idea of how you propose to research these questions.

If admitted, you will work with your supervisor, an associate supervisor and other members of staff to develop a full research proposal during your first year of candidature.

For more information please visit
- sydney.edu.au/architecture/research/study/research_degrees

Still have questions?

For more information about your options, please submit a question online:
- sydney.edu.au/ask
Important dates

Architecture postgraduate evening
2 June 2016

Semester 2, 2016 applications close
30 June 2016*

Open Day
27 August 2016

Postgraduate Information Evening
12 October 2016

Semester 1, 2017 applications close
31 January 2017*

To find out about other important University dates, please visit
− sydney.edu.au/dates

*Some exceptions apply. Please search for your course online to check exact closing dates.
This guide provides the key information you need to apply for undergraduate or postgraduate studies in architecture, design and planning but the next step is up to you.

To learn more, come and see us on Open Day, attend one of our information sessions, call our helpline or visit our website.

[sydney.edu.au/study]
[sydney.edu.au/postgraduate]
[sydney.edu.au/architecture]

Contact us
sydney.edu.au/ask
1800 SYD UNI (1800 793 864)
+61 2 8627 1444 (outside Australia)