SHAPE FUTURE CITIES
FACULTY OF BUILT ENVIRONMENT

UNSW SYDNEY
Australia’s Global University
experience first
“Having members of staff in the faculty that are renowned and award-winning is incredibly inspiring. UNSW Sydney is recognised as one of the best places for learning and I know that what I’ve learnt is current, up-to-date and can be applied in the real world.”

LOUISA HARTLEY
Bachelor of Architectural Studies
Shaping future cities
At UNSW Built Environment, we shape future cities. Cities that are resilient, informed, healthy and smart — that are connected, green, liveable and inclusive. Our vision is to be a global leader through high impact research and education that is vital to cities, their built environments and inhabitants.

Internationalised education
Throughout your studies, you will have the opportunity to take part in overseas projects, attend lectures delivered by international renowned academics and practitioners as well as create your own global network with your peers.

Student opportunities

Career-ready mentoring program
To help you transition from study to work.

Design futures labs
Bring your ideas to life with the latest technologies.

International experiences
Gain a global prospective and work on real-life projects across the world.

Work integrated learning
Professional placements, practicums and embedded industry learning experiences as part of your study.

Industry exposure
Attend public lectures, exhibit your work and take advantage of the diverse alumni network.

Career ready graduates
UNSW Built Environment is committed to its students and provides an education that is broad and deep.

Through interdisciplinary education, cross faculty initiatives, internships, work integrated learning, mentoring, online courses, flexible pathways, internationalised programs and research projects, you will shape your own path to a global career.
Bachelor of Architectural Studies

**Duration** 3 years (+ 1 year Honours option)

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<thead>
<tr>
<th>Year</th>
<th>ATAR</th>
<th>Selection Rank</th>
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<tbody>
<tr>
<td>2019</td>
<td>90.00</td>
<td>95.00</td>
</tr>
<tr>
<td>2020</td>
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**Subjects available for HSC Plus**
Ancient History, Design & Technology, English Advanced, Modern History, Visual Arts

This degree prepares you for a professional career in architecture and other design-based industries. You will learn to design buildings and their settings to meet individual and community needs, taking sustainability, culture and economy into account. Together with the Master of Architecture, this is your launchpad into contemporary design practice.

**Career opportunities**
Upon completion of an accredited masters degree, career opportunities include Consulting Architect in private practice, Specialist Architect in areas such as heritage, Building Scientist, Environmental Consultant, Architect in multidisciplinary design practice, Architect in a government department or large commercial architectural firm, Architectural Critic, Academic and Researcher.

**Study areas**
- Design Studio
- Communications
- History and Theory
- Technology and Environment
- Professional Practice
- Computer Modelling
- Technical Drawing and Model Making
- Materials
- Structure and Construction

**Professional accreditation**
The Bachelor of Architectural Studies is the undergraduate pathway to the professionally accredited postgraduate Master of Architecture degree which has professional recognition from the NSW Architects Registration Board.

**Alternative admission**
An alternative admissions scheme is available for this degree, which allows you to submit a portfolio to support your ATAR. Find out more at be.unsw.edu.au/alternative-admission.

**Structure**

- 11 Core courses
- 6 Design studio courses
- 2 Interdisciplinary courses - working with students from other disciplines
- 2 Open elective courses (from within UNSW Built Environment OR other faculties at UNSW)
- 2 General education courses (from other faculties at UNSW)

UNSW-Tongji Double Degree in Architecture

**Duration** 4 years

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<th>Year</th>
<th>ATAR</th>
<th>Selection Rank</th>
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<tbody>
<tr>
<td>2019</td>
<td>N/A</td>
<td>ATAR + portfolio + interview</td>
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<tr>
<td>2020</td>
<td>N/A</td>
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Progress your architectural career at the global level. This unique double degree, taught in English at both UNSW and Shanghai’s Tongji University, prepares you for professional practice in both Australia and China. On completion you will be eligible to apply for postgraduate studies in Architecture at either university.

**Career opportunities**
This degree prepares you for work in both China and Australia. Upon completion of an accredited masters, you will be career-ready to pursue careers as a Consulting Architect in private practice, Specialist architect, Building Scientists, Architect in multidisciplinary design practice, Architect in government or in a large commercial practice architectural firm.

**Study areas**
- Design Studio
- Communications
- History and Theory
- Technology
- Practice
- Computer Modelling
- Technical Drawing and Model Making
- Materials
- Structure and Construction

**Professional accreditation**
The UNSW-Tongji Double Degree in Architecture is an undergraduate pathway to the professionally accredited postgraduate Master of Architecture degree which has professional recognition from the NSW Architects Registration Board.

**Entry**
Students commence this double degree at Tongji University. The Tongji academic year commences in September.

**Structure**

- 3 Semesters at Tongji University
- 6 Terms at UNSW Sydney
- 1 Semester at Tongji University
Bachelor of City Planning (Honours)

Duration 4 years (includes practice year) 2019 Lowest ATAR1 74.80
2019 Lowest Selection Rank2 84.00 2020 GE Rank3 84.00
Subjects available for HSC Plus4 Design & Technology, Economics, English Advanced, Geography, Legal Studies, Society and Culture

Learn to shape sustainable, equitable, healthy and inspiring built environments with the Bachelor of City Planning (Honours). From theoretical work around contemporary planning issues to work integrated learning with many city, state and international partners, this program provides you with the necessary foundations for a career as a city planner.

Career opportunities
You could pursue a career as a City Planner, Strategic Planner, Environmental Planner, Land use Planner, Urban Policy and Research Consultant, Urban Consultant or Development Assessment Planner. You may also become a specialist in planning law if you study City Planning (Honours) Laws degree.

Study areas
• Planning Theory and Methodology
• Sociology
• City Economics
• Planning Law
• Transport Planning
• Environmental Science
• Heritage Studies
• Urban Design
• Planning History

Professional accreditation
The Bachelor of City Planning (Honours) is accredited by the Planning Institute of Australia (PIA).

Combine this degree with:
Law

Structure
16 Core courses + 5 Practice courses (work-integrated-learning) + 2 Interdisciplinary courses - working with students from other disciplines + 3 Elective courses (from within the degree) + 2 General education courses (from other faculties at UNSW) + 1 Thesis course

Bachelor of Computational Design

Duration 3 years (+ 1 year Honours option)
2019 Lowest ATAR1 71.00
2019 Lowest Selection Rank2 80.00 2020 GE Rank3 80.00

The Bachelor of Computational Design gives you an understanding of digital technologies and their use in the built environment. You’ll learn how to design responsive, interactive spaces and develop skills in computer design, 3D modelling, robotic and digital fabrication. You will be able to apply these skills in industrial/urban design and architectural contexts.

Career opportunities
Architectural & Urban Design Specialist, Digital Optimisation Consultant (architecture/ engineering firms), Software Solutions Developer, Design/ Production Manager (construction firms), Smart Cities Consultant (planning offices & Councils), Urban Data Analyst (business consultancy firms), Design Technology Manager (architecture design firms), Digital Fabrication and Smart Manufacturing Specialist, Animation Professional, Gaming Environment Developer, Building Information Model Implementer (BIM).

Study areas
• Design Studio
• Computer Aided Design (CAD)
• Building Modelling
• Rendering
• Animation
• Multimedia
• Information Technology in Design

Alternative admission
An alternative admissions scheme is available for this degree, which allows you to submit a portfolio to support your ATAR. Find out more at be.unsw.edu.au/alternative-admission.

Structure
19 Core courses + 1 Prescribed Elective + 2 Interdisciplinary courses - working with students from other disciplines on real projects + 2 General education courses (from other faculties at UNSW) + 1 Open elective course (from within UNSW Built Environment OR other faculties at UNSW)
Bachelor of Construction Management and Property

Duration 3 years 2019 Lowest ATAR¹ 76.05

2019 Lowest Selection Rank² 65.00 2020 GE Rank³ 85.00

Subjects available for HSC Plus¹ English Advanced, Mathematics, Mathematics Extension 1, Mathematics Extension 2

In this degree you’ll develop broad knowledge and skills across the management of property development, construction and design work, construction site operation and project management as well as quantity surveying.

Career opportunities
Construction Manager, Project Manager, Site Manager, Property Developer, Property Valuation, Property and Asset Manager or Analyst, Quantity Surveyor, Estimator, Construction Planner, Construction Consultant, Specialised Legal Advisor, Corporate Real Estate Advisor.

Professional accreditation
The Bachelor of Construction Management and Property is accredited by The Australian Institute of Building (AIB), The Australian Institute of Quantity Surveyors (AIQS) and The Royal Institution of Chartered Surveyors (RICS).

Study areas
• Building Construction
• Property Development
• Facilities Management
• Quantity Surveying
• Construction Technology
• Building Science Materials and Structure
• Management
• Economics and Law

Structure

20 Core courses + 2 Interdisciplinary courses - working with students from other disciplines + 2 General education courses (from other faculties at UNSW)

Bachelor of Industrial Design

Duration 3 years (+ 1 year Honours option) 2019 Lowest ATAR¹ 72.45

2019 Lowest Selection Rank² 80.00 2020 GE Rank³ 80.00

Subjects available for HSC Plus¹ Design & Technology, Mathematics, Mathematics Extension 1, Mathematics Extension 2, Visual Arts

This degree will equip you to influence the way we live by designing what we use every day. You’ll learn about design process, technology and materials, visual communication and more, taking the technical aspects of design in tandem with user experience.

Career opportunities
Product Designer within a multi-disciplinary design team (architectural and engineering consultancies), Product Designer within the manufacturing sector (consumer and public access products electrical, transport, scientific, medical, retail, furniture, telecommunications), Digital Multimedia Designer, Product Branding Marketer, Packaging Designer, Exhibition Designer, Graphic Designer, Service and Strategic Designer.

Professional membership
Graduates of the Bachelor of Industrial Design are eligible for membership of the Design Institute of Australia (DIA).

Alternative admission
An alternative admissions scheme is available for this degree, which allows you to submit a portfolio to support your ATAR. Find out more at be.unsw.edu.au/alternative-admission

Study areas
• Design Studio
• Computer Aided Design (CAD)
• 3D Digital Modelling
• Commerce and Marketing
• Science and Engineering
• Materials and Manufacturing

Structure

10 Core courses + 8 Design studio courses + 2 Interdisciplinary courses - working with students from other disciplines + 2 Open elective course (from within UNSW Built Environment OR other faculties at UNSW) + 2 General education courses (from other faculties at UNSW) + 2 Elective courses (from UNSW Built Environment)
Bachelor of Interior Architecture (Honours)

Duration: 4 years

2019 Lowest ATAR: 71.30
2019 Lowest Selection Rank: 80.00
2020 GE Rank: 80.00


From the scale of rooms to cities, this degree trains you to develop creative solutions to aesthetic challenges in the built environment. You’ll learn about interior environments including all aspects of their structural, spatial, social and material assembly, then discover how to put your skills and knowledge into professional practice.

Career opportunities
Professional Designer in architecture and design practices, Private Consultant, specialising in residential, retail, workplace, commercial or hospitality. Corporate Interior Designer specialising in multi-storey residential, retail, hospitality, medical, hotel or exhibition design, your own interior architecture or design practice, Project Manager, Construction Manager.

Study areas
• Design Studio
• Communications
• Technology
• Practice
• History and Theory
• Computer Modelling
• Technical Drawing and Model Making
• Materials

Professional accreditation
The Bachelor of Interior Architecture is recognised by the Interior Designer/Interior Architecture Educators Association (IDEA). Graduates are eligible for membership to the International Federation of Interior Architects/Designers (IFI) and Design Institute of Australia (DIA).

Alternative admission
An alternative admissions scheme is available for this degree, which allows you to submit a portfolio to support your ATAR. Find out more at be.unsw.edu.au/alternative-admission.

Structure

13 Core courses + 8 Practice studio courses + 2 Interdisciplinary courses - working with students from other disciplines on real projects + 2 Open elective course (from within UNSW Built Environment OR other faculties at UNSW) + 2 General education courses (from other faculties at UNSW) + 2 Elective courses (from UNSW Built Environment)

Bachelor of Landscape Architecture (Honours)

Duration: 4 years

2019 Lowest ATAR: 75.10
2019 Lowest Selection Rank: 80.00
2020 GE Rank: 80.00

Subjects available for HSC Plus: Design & Technology, English Advanced, Geography, Visual Arts

Landscape architects transform the world around us, planning and designing the shared environments in which we live, work, travel and play. In this professionally accredited degree, through coursework and work experience, you will study built and natural urban systems as the basis for designing liveable, healthy, sustainable and resilient cities.

Career opportunities
Landscape Architect in private practice, Landscape Technical Officer, Project Manager or Strategic Planner in local or state government, Landscape Planning and Management Specialist, Designer with a landscape construction company.

Study areas
• Design Studio
• Environmental Technology and Practice
• Ecological Processes
• Communication
• Plants and Design
• History and Theory
• Landscape Engineering Principles

Professional accreditation
The Bachelor of Landscape Architecture is accredited by the Australian Institute of Landscape Architects (AILA).

Alternative admission
An alternative admissions scheme is available for this degree, which allows you to submit a portfolio to support your ATAR. Find out more at be.unsw.edu.au/alternative-admission.

Structure

13 Core courses + 10 Landscape studio courses + 2 Interdisciplinary courses - working with students from other disciplines on real projects + 2 Open elective course OR 2 Thesis development courses + 2 General education courses (from other faculties at UNSW) + 1 Elective course (from within the degree)
How to apply
UNSW Built Environment welcomes you to apply for admission to one of our competitive and internationally recognised degrees. Admission is based on academic merit, and, in some cases, your creative potential demonstrated through a portfolio submission. For more information, visit futurestudents.unsw.edu.au/how-to-apply.

Domestic applicants
(Australian citizens, Australian permanent residents, Australian permanent humanitarian visa holders and New Zealand citizens)
All applications for undergraduate study by domestic applicants are made through the University Admissions Centre (UAC). To lodge your application, visit uac.edu.au/undergraduate/apply.

As a domestic student, you may be eligible for adjustment factors including HSC Plus, Elite Athletes, Performers and Leaders and the Educational Access Scheme. To find out more about adjustment factors and how to apply, visit futurestudents.unsw.edu.au.

Guaranteed Entry Rank (ATAR + adjustment factors) allows us to tell you what selection rank will guarantee you a place in a particular degree at UNSW. For more information, visit unsw.edu.au/ge.

Alternative Admission Scheme
UNSW Built Environment recognises that your Australian Tertiary Admission Rank (ATAR) or equivalent may not reflect your potential in creative thinking and making. We are pleased to offer you an alternative admission scheme giving you the opportunity to submit a portfolio of your work to support your ATAR. More information is available at be.unsw.edu.au/alternative-admission.

Experience UNSW Built Environment
Attend one of our Experience Built Environment workshops during the April or July school holidays and discover how our degrees shape future cities. Workshops are being held on:
• 16 and 18 April 2019
• 10 and 18 July 2019
For more information visit be.unsw.edu.au/events.

NOTES
1. The 2019 Lowest ATAR is the lowest ATAR (before adjustment factors were applied) to which an offer was made.
2. The 2019 Lowest Selection Rank is the adjusted rank (ATAR plus adjustment factors) you would have needed to gain entry to this degree in 2019. To see a complete picture of UNSW offer data, visit unsw.edu.au/degrees.
3. For more information on Guaranteed Entry, please visit unsw.edu.au/ge.
4. For more information on HSC Plus adjustment factors please visit futurestudents.unsw.edu.au/adjustment-factors-hsc-plus.