



UNSW
SYDNEY

Australia's
Global
University

Built Environment Undergraduate Guide

Design and Build Sustainable, Liveable Cities.

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Fast Facts

3rd in Australia

UNSW Built Environment is ranked 3rd in Australia for Architecture/Built Environment in the 2016 QS World University Rankings.

Top research nationally

In the 2015 Excellence for Research in Australia (ERA), UNSW Sydney was rated as the equal-top university nationally in Built Environment and Design. Its rating in Urban Planning research was also the joint highest in Australia.

Unique interdisciplinary subjects

Collaborate with students from other areas in UNSW Built Environment as you would in the real workforce.

Partnerships

Strong industry links and partnerships – you will work on real life projects and competitions set by industry.

Member of Go8 universities

UNSW Sydney is a member of the prestigious Group of Eight (Go8) universities.

Only faculty in Australia with three Chairs

The only faculty in Australia with three Chairs, the Seidler Chair in the Practice of Architecture, the Judith Neilson Chair in Architecture and the Chair in High Performance Architecture. The Seidler Chair aims to deliver excellence in design studio education and is held by Pritzker prize winner Glenn Murcutt AO. The Judith Neilson Chair is held by Professor David Sanderson and aims to lead research and education to support disadvantaged communities displaced by natural disasters, geo-political conflicts, socio-economic exclusion and environmental factors. Professor Mattheos Santamouris holds the High Performance Architecture Chair.

Top 100 universities

UNSW Sydney is ranked 49th in the 2016 QS World University Rankings and in the Top 100 universities for 2016/17 Times Higher Education World University Rankings.

Investment

UNSW Sydney has invested over \$1.2 billion in student facilities and accommodation.

In demand graduates

UNSW Sydney graduates are the most hired by LinkedIn's top 30 most in-demand employers in 2015.

Welcome to UNSW Built Environment



This guide and our website, be.unsw.edu.au, provide you with information on our degrees, entry requirements, alternative admission scheme, accreditations and career opportunities. If you need more information, please contact our student centre on (02) 9385 4799 or email fbe@unsw.edu.au

At UNSW Built Environment we shape the next generation of city makers through cutting-edge research and educational programs. We provide you with a platform for the development of robust, evidence based decision making, combined with technical skills and adaptive, creative thinking. This enables you to generate innovative solutions for today's world that also anticipate and mitigate tomorrow's urban problems. The broad range of programs we offer you and the unique model of interdisciplinary learning are designed to make you a well-rounded, career-ready professional.

My only advice in choosing a program of study is to follow your passion, knowing that as you progress with your degree you will have opportunities to change direction if your interests evolve over time. You will learn from academics and eminent practitioners who are leaders in the professions they teach. The opportunities for international study trips will extend your professional horizons and give you the skills to develop a global career. Our partnerships and links with industry enable you to network with professionals through your courses, our public lectures, real-world projects, competitions, internships and exhibitions, giving you every opportunity to launch your career.

As talent comes in many forms, we offer you the option to apply through the alternative admission scheme. Your portfolio, combined with other admission requirements, is your chance to be bold and to reveal your potential and passion for your chosen field of study. I wish you all the best with your studies, and look forward to welcoming you to UNSW Built Environment.

Professor Helen Lochhead
Dean, UNSW Built Environment



Bachelor of Architectural Studies

Prog. Code
3261

UAC Code
423000

Alt. Admission
Yes

2017 ATAR cut-off
95.6

2018 Guaranteed Entry Rank
96

2017 IB cut-off
37

Duration
3 years full-time +1 year honours option

Prerequisites
None

Bonus ATAR HSC Plus
Ancient History
Design and Technology
English Advanced
Modern History
Visual Arts

Professional Accreditation

The Bachelor of Architectural Studies is an undergraduate pathway to the professionally accredited postgraduate Master of Architecture, which has professional recognition from the NSW Architects Registration Board and Architects Accreditation Council of Australia (AACA). To become a registered architect, you must also complete two years of professional work experience and undertake the professional practice exam.

Career Opportunities

- Consulting architect in private practice
- Specialist architect in areas such as heritage
- Building scientist
- Environmental consultant
- Architect within multidisciplinary design practices
- Roles within large commercial architectural firms
- Architectural critic, academic or researcher

Create inspiring architecture of social and environmental value.

Behind almost every building – from modest and intimate rooms to extraordinary and monumental spaces – lies the disciplined creativity of architecture.

An architect designs buildings and their settings to meet the needs of individuals and the community. In their professional work, architects design buildings and cities through the consideration of sustainability, culture and economy.

It is an exciting and dynamic profession that works closely with other built environment professionals, and is the only one responsible for considering the building in its entirety.

The Bachelor of Architectural Studies degree provides you with an academic education in the practice and theory of architecture. It requires full time attendance for three years. In combination with the Master of Architecture, it is designed to deliver an architectural education appropriate to contemporary multidisciplinary professional practice. Upon successful graduation from the Bachelor of Architectural Studies degree, you will be eligible to apply for entry into the Master of Architecture program at UNSW Built Environment.

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Year 1

Year 1 Core Skills

At the end of the first year you will have developed foundational knowledge and practice skills across the major streams of study in architecture.

Semester 1

ARCH 1080

Introduction to Architecture and Enabling Skills

ARCH 1101

Architectural Design Studio 1

ARCH 1142

Architectural Communications

ARCH 1161

Architectural Science & Building Environment 1

Semester 2

ARCH 1102

Architectural Design Studio 2

ARCH 1121

Architectural History and Theory 1

ARCH 1162

Construction and Structures 1

Open Elective

Year 2

Year 2 Core Skills

At the end of your second year you will have developed architectural design skills, informed by a sound knowledge of digital technologies, contemporary construction practice and architectural thought.

Semester 1

ARCH 1201

Architectural Design Studio 3

CODE 2170

Building Information Modelling

Open Elective**General Education**

Semester 2

ARCH 1202

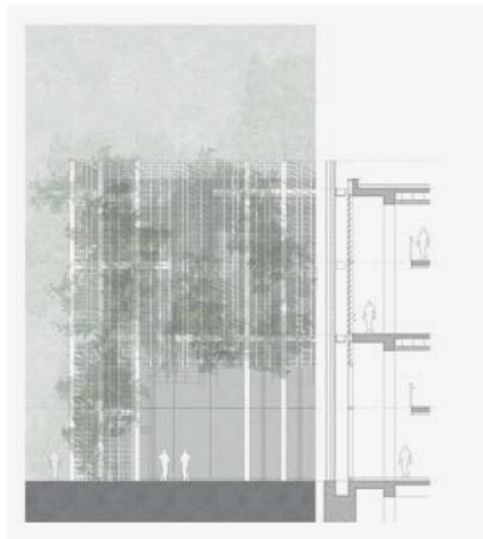
Architectural Design Studio 4

ARCH 1222

Architectural History and Theory 2

ARCH 1261

Construction & Structures 2

General Education

Core Skills

Core Skills

Year 3

Year 3 Core Skills

At the end of the third year you will have developed comprehensive architectural knowledge and design skills. Qualified students can pursue research through the Honours year or undertake the Masters of Architecture degree.

Semester 1

ARCH 1311

Architectural Design Studio 5

ARCH 1331

Architectural Fabrication

ARCH 1361

Architectural Science and Building Environment 2

BEIL

Interdisciplinary Learning Course

Semester 2

ARCH 1302

Architectural Design Studio 6

ARCH 1322

Architectural History and Theory 3

BEIL

Interdisciplinary Learning Course

Optional Honours (+1 year)

Semester 1

ARCH 1481

Critical Review of Literature

ARCH 1482

Research Methods

Prescribed Elective

Semester 2

ARCH 1483

Honours Thesis

Prescribed Elective

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UNSW-Tongji Double Degree in Architecture

Prog. Code
3264

UAC Code
N/A

Admission
Admission to the Tongji Double Degree is made directly to Tongji University.

2017 ATAR cut-off
90

Applicants must also submit a portfolio and attend an interview in Sydney to meet the application requirements.

Application Date
For offers made in January, application must be made between 1 November and 30 November.

2017 IB cut-off
33 + Portfolio + Interview

Prerequisites
None

Duration

4 years full-time (4 semesters at Tongji University and 4 semesters at UNSW Sydney).

Semester 1 commences September 2018 at Tongji University.

Professional Accreditation

The UNSW-Tongji Double Degree in Architecture is an undergraduate pathway to the professionally accredited postgraduate UNSW Master of Architecture, which has professional recognition from the NSW Architects Accreditation Council of Australia (AACAA). To become a registered architect, you must also complete two years of professional work experience and undertake the professional practice exam.

Career Opportunities

- Consulting architect in private practice
- Specialist architect in areas such as heritage
- Building scientist
- Environmental consultant
- Architect within multidisciplinary design practices
- Roles within large commercial architectural firms
- Architectural critic, academic or researcher

Create inspiring architecture of social and environmental value.

UNSW Built Environment has partnered with Tongji University in Shanghai to offer you an architectural education with a global focus. This unique double degree, taught in English at UNSW and Tongji University, prepares you for practice in both China and Australia and provides a distinct advantage to progress your career at a global level.

This degree is one of a kind in Australia, giving you a superior advantage amongst your peers. You will gain a truly unique, global experience by studying Chinese culture, experiencing life in China, and networking with fellow Chinese students from other degrees.



"In addition to the astonishing cultural aspects of studying in China, Tongji University has offered us professors with extraordinary industry experience, our own studio room as well as classes that motivate and enhance our creativity."

Johannes Welander
Student, UNSW-Tongji
Double Degree
in Architecture

Year 1

Semester 1 Tongji University

Culture & Art

Building Science and
Technology

Computation

History & Theory

Semester 2 Tongji University

Culture & Art

Building Science and
Technology

Computation

History & Theory

Year 2

Semester 1 Tongji University

Computation

History and Theory

Building Science and
Technology

Design

Semester 2 UNSW Built Environment

ARCH 1201
Architectural Design Studio 3

ARCH 7220
Architecture in Asia

CODE 2170
Building Information Modelling

General Education



Year 3

Semester 1 UNSW Built Environment

ARCH1202
Architectural Design Studio 4

ARCH1222
Architectural History and
Theory 2

ARCH1261
Building Information Modelling

General Education

Semester 2 UNSW Built Environment

ARCH1311
Architectural Design Studio 5

ARCH1331
Architectural Fabrication

ARCH1361
Architectural Science and
Building Environment 2

BEIL
Interdisciplinary
Learning Course

Year 4

Semester 1 UNSW Built Environment

ARCH 1302
Architectural Design Studio 6

ARCH 1322
Architectural History and
Theory 3

BEIL
Interdisciplinary
Learning Course

Semester 4 Tongji University

Design
Graduation Project

OR
Chinese Building Codes
and Disaster Prevention
in Architecture)



Bachelor of City Planning (Honours)

Prog. Code 3362	2018 Guaranteed Entry Rank 83
UAC Code 423600	2017 IB cut-off 29
Alt. Admission No	Duration 4 years full-time (Includes practice year)
Accreditation Yes	Prerequisites None
Dual Degree Dual Bachelor of City Planning (Honours)/ Bachelor of Laws	Bonus ATAR HSC Plus Design & Technology Economics English Advanced Geography Legal Studies Society & Culture
2017 ATAR cut-off 81.15	

Professional Accreditation

The Bachelor of City Planning (Honours) is accredited by the Planning Institute of Australia (PIA). As a City Planning student you can take part in the PIA Young Planners network which brings together students and new graduate planners for social and professional events.

Career Opportunities

- City planner
- Strategic planner
- Environmental planner
- Land use planner
- Urban policy and research
- Urban consultant
- Development assessment planner
- Specialist in planning law (City Planning (Honours)/Laws degree)

Dual Degree

Also available is the dual degree Bachelor of City Planning (Honours)/Bachelor of Laws. Program Code 4706 (See UNSW Online Handbook for full details)

Shape sustainable, equitable, healthy and inspiring built environments.

City planning is an exciting, varied and progressive profession which plays a pivotal role in decisions shaping the future of our cities and regions.

The UNSW Built Environment City Planning degree will help you develop the skills and knowledge required to play an influential role at the heart of contemporary challenges facing our natural and built environments.

In your final year of study, you will devise and independently undertake a major thesis project, where you will focus on a particular area of specialised interest and build further depth and expertise to the critical ideas and knowledge you have already gained.

You will have the skills to address sustainability and climate change issues, transport and infrastructure provision, facilitating urban renewal, or tackling social inequality and exclusion.





Year 1 Core Skills

By the end of the first year you will have developed an understanding of the core skills and knowledge sets which underpin planning as a discipline and city planning as a practice.

Year 1

Semester 1

- PLAN 1001**
Introduction to Planning
- PLAN 1002**
Sustainability and Environment
- PLAN 1003**
Urban Society, Theory, History
- PLAN 1005**
Design and Communication
Fundamentals for Planners

Semester 2

- PLAN 1004**
City and Regional Economics
- PLAN 1006**
Planning Techniques
and Analysis
- PLAN 1007**
Development Processes:
Feasibility and Finance
- Prescribed Elective**

Year 2

Semester 1

- PLAN 2001**
Strategic Planning
- PLAN 2002**
GIS and Urban Informatics
- PLAN 2003**
Urban Design
- Prescribed Elective**

Semester 2

- PLAN 2004**
Equitable Cities
- PLAN 2005**
Planning Law and
Administration
- PLAN 2006**
Urban Management and
Development Assessment
- PLAN 2007**
City Building: Transport
and Infrastructure

Year 3 Core Skills

Five Practice courses underpin and structure the work-integrated-learning Practice Year. Running throughout the year, opportunities for students to understand and assess their own direction and how it relates to both their studies and professional development are maximised.

In Practice

You will work across a breadth of planning and planning related positions: state government, local authorities, urban consultancies, development companies private practice and NGOs.

Year 4 Core Skills

By the end of the fourth year, you will have applied skills and knowledge developed through their city planning degree and pursued specialist interests through elective selection and completion of a significant piece of independent research.

Year 3 – Practice Year

PLAN 3001
Practice: Engagement

PLAN 3002
Practice: Evidence

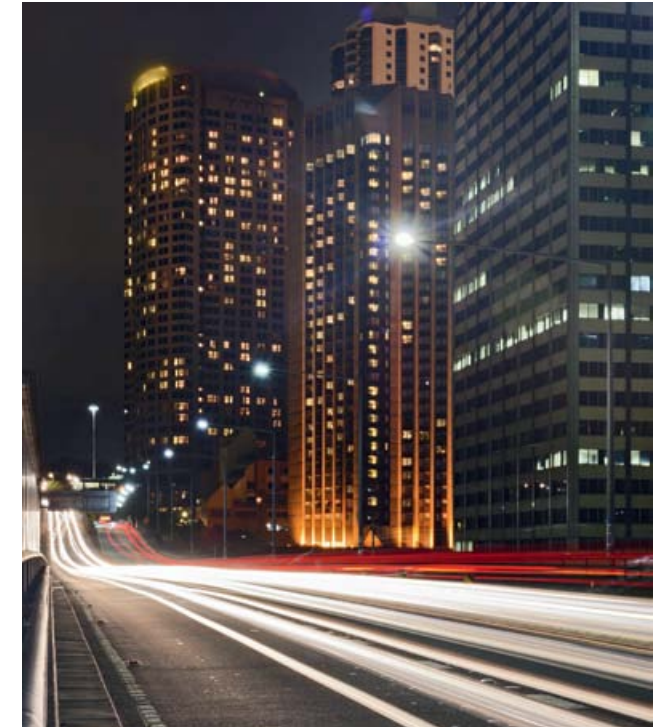
PLAN 3003
Practice: Professionalism

PLAN 3004
Practice: Development

PLAN 3005
Practice: Governance

BEIL
Elective

General Education



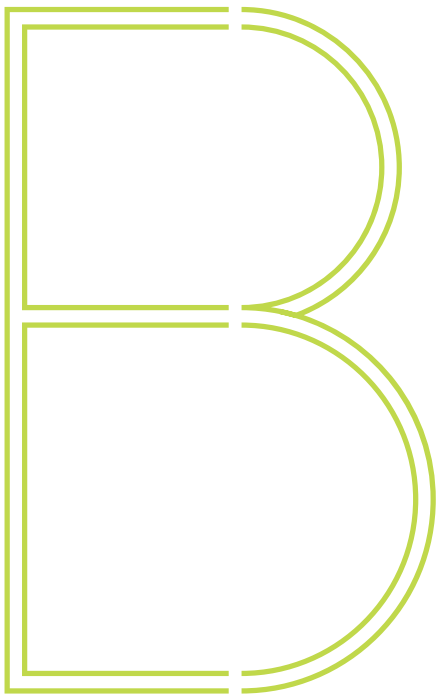
Year 4

Semester 1

- PLAN 4001**
Research Design
- PLAN 4002**
Plan Making Studio
- Prescribed Elective**

Semester 2

- PLAN 4003**
Planning Thesis
- BEIL**
Interdisciplinary
Learning Course



Bachelor of Computational Design

Prog. Code 3268	Duration 3 years full-time +1 year honours option
UAC Code 423100	Prerequisites None
Alt. Admission Yes	Bonus ATAR HSC Plus Design & Technology Information Processes and Technology Mathematics Mathematics - Extension 2 Software Design and Development Visual Arts
2017 ATAR cut-off 80	
2018 Guaranteed Entry Rank 81	
2017 IB cut-off 28	

- Career Opportunities**
- Architectural & urban design specialist
 - Digital optimisation consultant (Architect/engineering firm)
 - Software solutions developer
 - Design/production manager (construction firm)
 - 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)

Apply cutting edge digital technologies to design responsive, interactive spaces.

Computational design combines architecture and design, and computer science and engineering to the way design content is imagined, created, fabricated, delivered and displayed.

Advancements in 3D modelling, material science and digital fabrication have created a demand for designers who can use these technologies and unleash the power of computers to produce and present technical and aesthetic solutions to the challenges in the built environment.

During this degree you will be empowered with a new understanding of digital technologies and their application within the built environment, spanning architecture, construction, industrial design and urban planning. You will learn cutting edge computer design skills and digital technologies including: 3D modelling through the use of gaming and graphics technology, digital geometry and parametric design, responsive environments, as well as form making and fabrication using 3D printers and laser cutters.

For more information
be.unsw.edu.au/computational-design



Year 1 Core Skills

By the end of first year you will have:

- 1 Gained an appreciation of architectural design and primary concepts and the theories that support these
- 2 Learnt developments in digital fabrications and construction
- 3 Developed techniques in visualisation and modelling to visualise and communicate information
- 4 Understood the impact of ubiquitous computing and urban data to perceive cities as interfaces
- 5 Learnt to design parametrically via software programs such as Grasshopper or Processing

Year 2 Core Skills

By the end of second year you will have:

- 1 Furthered parametric modeling skills to an advanced level
- 2 Gained knowledge in computational modelling and analysis of multi-disciplinary sustainable and structural performance metrics
- 3 A deeper understanding of manufacturing and digitally fabricated building elements
- 4 The ability to predict future performances and deliver simulated findings and identify discrepancies between simulated and actual building performance

Year 1**Semester 1**

ARCH 1101
Architectural Design Studio 1

CODE 1110
Computational Design Theory 1

CODE 1150
Computational Design I (Fundamentals)

CODE 1161
Design Computing

Semester 2

CODE 1230
Urban Modelling

CODE 1210
Computational Design Theory 2

CODE 1231
Ubiquitous Cities

CODE 1240
Computational Design II (Intermediate)

Year 2**Semester 1**

CODE 2110
Computational Design Theory 3

CODE 2121
Computational Design III (Advanced)

CODE 2120
Computational Sustainability

CODE 2170
Building Information Modelling

Semester 2

CODE 2230
Urban Interaction Design

CODE 2270
Design Information Management

CODE2250
Advance Digital Fabrication

Open Elective



Built Environment

Year 3 Core Skills

By the end of third year you will have:

- 1 Deeper engagement with peers through interdisciplinary learning where peers review will engage, challenge and questions academic and industry points of view
- 2 Combined all the skills and learnings through a graduation project which will encompass technical and theory frameworks of computational design.

Year 3**Semester 1**

CODE 3100
Digital Collaboration Studio

Open Elective

BEIL
Interdisciplinary Learning Course

General Education

Semester 2

CODE 3201
Graduation Project (Theory)

CODE 3202
Graduation Project (Practice)

BEIL
Interdisciplinary Learning Course

General Education

**Optional Honours (+1 Year)****Semester 1**

ARCH 1481
Research Methods

CODE4100
Critical Review Literature

Prescribed Elective

Semester 2

CODE4200
Honours Thesis

Prescribed Elective

Honors Year Core Skills

The Honours year enables you to expand and deepen your understanding of Computational Design and will assist you to develop highly sought after analytical, problem solving and research skills.

B

Bachelor of Construction Management and Property

Prog. Code 3332	Duration 3 years full-time +1 year honours option
UAC Code 423200	Prerequisites None
Alt. Admission No	Bonus ATAR HSC Plus English Advanced Mathematics Mathematics - Extension 2
Accreditation Yes	
2017 ATAR cut-off 82.1	
2018 Guaranteed Entry Rank 84	
2017 IB cut-off 29	

Professional Accreditation

- The Australian Institute of Building (AIB)
- The Australian Institute of Quantity Surveyors (AIQS)
- The Royal Institution of Chartered Surveyors (RICS)
- The Australian Property Institute (API)

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

Construct in a smart and sustainable way.

The management of people, processes and products within the construction and property industry is a detailed, challenging and specialised expertise.

The Bachelor of Construction Management and Property (BCMP) at UNSW Built Environment is one of the most respected programs in the nation and will prepare you to meet the demands of an industry which is constantly evolving.

During this degree you will develop broad knowledge and skills: the management of property development, construction site operation and project management as well as quantity surveying. There is a strong emphasis on property economics and management skills, including human resources, organisational behaviour and risk management.

You will have the skills the industry demands and be able to successfully manage the delivery of complex construction projects.



Year 1

Year 1 Core Skills

By the end of the first year you will have:

- 1 Gained an appreciation of the characteristics of the construction and property industries and their contributions to a nation's economic and social development
- 2 Recognised the important roles of construction and property professions within the respective industry
- 3 Learnt the fundamental concepts, principles, processes and technology for building and construction management
- 4 Developed abilities to work collaboratively in a multidisciplinary environment, while undertaking scholarly inquiry and engaging in independent and reflective learning

Semester 1

BLDG 1011
Low Rise Building Construction

BLDG 1012
Construction Materials

BLDG 1013
Introduction to Construction and Property

BLDG 1014
Building Measurement

Semester 2

BLDG 1021
Industrial & Infrastructure Construction

BLDG 1022
Building Structures

BLDG 1023
Construction Project Management Theory

BLDG 1024
Construction & Property Economics

Year 2

Semester 1

BLDG 2012
Construction & Property Law

BLDG 2013
Construction Estimating

BLDG 2023
Construction Planning

General Education

Semester 2

BLDG 2011
Building Services

BLDG 2021
High Rise Building Construction

BLDG 2022
Procurement & Contract Administration

General Education



Year 3 Core Skills

By the end of the first year you will have:

- 1 Gained an understanding of risk management process and the principles of health and safety management
- 2 Gained an appreciation of organisational behaviour and people management
- 3 Furthered problem-solving, communication and collaboration abilities, and gained skills to take the lead in project-oriented tasks
- 4 Further developed generic and technical skills

Year 3

Semester 1

BLDG 3011
Organisational & People Management in Construction

BLDG 3012
Risk, Health and Safety Management

BLDG 3013
Digital Construction

BEIL
Interdisciplinary Learning Course

Semester 2

BLDG 3021
Property Development

BLDG 3022
Construction Project Management Practice Capstone

BLDG 3023
Construction Business Strategy and Entrepreneurship Learning Course

BEIL
Interdisciplinary Learning Course



Optional Honours (+1 Year)

BLDG 4501
Thesis Foundation

BLDG 4502
Thesis

Four additional courses taken from pool of specialisations (Property Management, Quantity Surveying, Building or a generalist Construction and Property program).

Honours Year Core Skills

The Honours year enables you to gain key research training and critical thinking skills. The prescribed elective courses are all delivered at advanced level which will equip students with high-order thinking skills and business analytical skills in each specialised field.



Bachelor of Industrial Design (Honours)

Prog. Code 3386	Duration 4 years full-time
UAC Code 423300	Prerequisites None
Alt. Admission Yes	Bonus ATAR HSC Plus Design and Technology
Accreditation Yes	Mathematics
2017 ATAR cut-off 80	Mathematics- Extension 2
2018 Guaranteed Entry Rank 81	Visual Arts
2017 IB cut-off 28	



Professional Accreditation

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

Career Opportunities

- Product designer within a consultancy or in-house team across a range of sectors
- Service and strategic design
- Digital multimedia and web design
- Product branding and marketing
- Packaging design
- Graphic design

Designing for people in a changing world.

Industrial designers shape the way we live through the design of things we use every day. The profession demands imagination, technical capability and a keen awareness of new possibilities. Designers consider the technical aspects of design together with how things are used and experienced by people in diverse settings.

Industrial design is a career choice for you if you are curious and inventive, able to work with technology, and ready to enlarge your understanding of the social, environmental and commercial contexts of professional design work.

In this degree you will learn design process, visual communication, technology and materials, market research, human factors, research methods and professional practice. This combination of skills ensures you are work ready and highly employable.

Year 1 Core Skills

At the end of the first year you will have developed a basic proficiency and an understanding of industrial design practices, processes and contexts.

Year 1**Semester 1**

IDES 1201
Design Studio 1:
Fundamentals

IDES 1261
Communication 1:
Technical Drawing
Fundamentals

IDES 1071
Physical Principles for
Designers

Semester 2

IDES 1202
Design Studio 2: Materials

IDES 2171
Communication 2:
3D Digital Modelling

IDES 2072
Manufacturing Technology

Year 2**Semester 1**

IDES 2101
Design Studio 3: Production

IDES 2201
Ergonomics

MARK 1012
Marketing Fundamentals

Semester 2

IDES 2102
Design Studio 4: People

IDES 2021
Thinking Products

**Built Environment
Elective**

Year 2 Core Skills

At the end of the second year you will have developed competency in applying a design process and also presentation techniques to design projects.

Year 3 Core Skills

At the end of the third year you will have developed a range of skills and knowledge to enable you to complete design products of moderate complexity.

Year 3**Semester 1**

IDES 3101
Design Studio 5: Complexity

MARK 2051
Consumer Behaviour

BEIL
Interdisciplinary Learning
Course

Semester 2

IDES 3102
Design Studio 6: Sustainability

BEIL
Interdisciplinary Learning
Course

**Built Environment
Elective**

Year 4 Core Skills

At the end of the fourth year you will have developed professional design skills and knowledge to independently research and design appropriate solutions to design problems.

Year 4**Semester 1**

IDES 4101
Design Studio 7: Enquiry

Open Elective

General Education

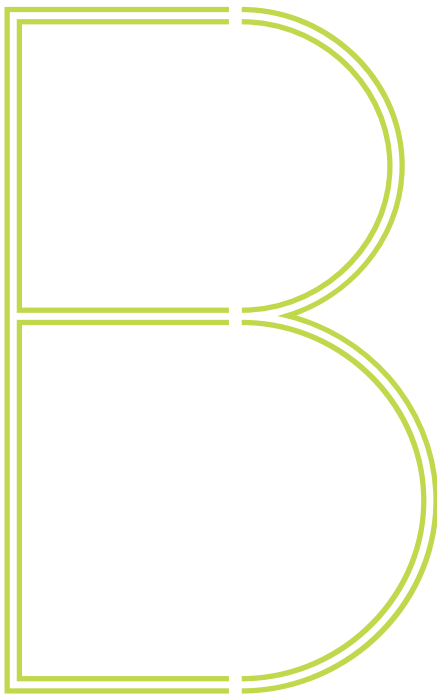
Semester 2

IDES 4102
Design Studio 8: Integration

Open Elective

General Education





Bachelor of Interior Architecture (Honours)

Prog. Code 3256	Duration 4 years full-time
UAC Code 423400	Prerequisites None
Alt. Admission Yes	Bonus ATAR HSC Plus Design and Technology English Advanced Textiles & Design Visual Arts
Accreditation Yes	
2017 ATAR cut-off 80	
2018 Guaranteed Entry Rank 81	
2017 IB cut-off 28	

Professional Accreditation

This established degree is recognised by, and is a member of the Interior Designer/Interior Architecture Educators Association (IDEA). Graduates of the Bachelor of Interior Architecture (Honours) are eligible for membership to the International Federation of Interior Architects/Designers (IFI) and Design Institute of Australia (DIA).

Career Opportunities

- Designer
- Interior architect in architecture and design practices
- Private consultant, specialising in residential, retail, workplace 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 management
- Construction management

Influence people's lives through the interior environments they inhabit.

Interior architecture is a design discipline that focuses specifically on interior environments and all aspects of their structural, spatial, social and material assembly.

Interior architecture and interior design share a common ground, but they differ in the scale of the intervention in the interior. Interior architecture works at the scale of architecture, including the manipulation of structural elements such as walls, floors and staircases while interior design generally engages at the scale of individual rooms.

Established for more than two decades, UNSW Built Environment offers the only interior architecture degree in New South Wales. In this honours degree you will develop creative and industry specific skills and solutions that respond to current societal and functional aesthetic challenges in the built environment – spaces that may be permanent or temporary, from the scale of rooms to the scale of cities.



Year 1

Year 1 Core Skills

At the end of the first year you will have developed the fundamental technical and critical thinking skills to conceptualise a design response and organise spatial and material relationships underpinned by an understanding of the theoretical and historical context of Interior Architecture.

Semester 1

INTA 2101
Design Practice 1: Enquire

INTA 3121
Critical Perspectives 1:
Interiority

INTA 2171
Interior Technics 1:
Assemblage

Semester 2

INTA 2102
Design Practice 2: Articulate

INTA 3122
Critical Perspectives 2:
Dwelling

INTA 2172
Interior Technics 2: Materiality

Year 2

Year 2 Core Skills

At the end of the second year you will have developed the skills to explore design responses that integrate materiality, interior detailing, building services and systems through a process of informed inquiry, analysis and reflection.

Semester 1

INTA 2201
Design Practice 3: Translate

INTA 3222
Critical Perspective 3:
Consumption

INTA 3271
Interior Technics 3: Detail

Semester 2

INTA 2202
Design Practice 4: Experiment

INTA 3272
Technics 4: Systems

INTA 3222
Critical Perspectives 4:
Identity



Built Environment



Core Skills

Year 3

Year 3 Core Skills

At the end of the third year you will have developed the skills to resolve complex design responses from conceptualisation to detailing, underpinned by an understanding of the practices, processes and procedures relevant to professional design practice.

Semester 1

INTA 2301
Design Practice 5: Narrate

BEIL
Interdisciplinary
Learning Course

General Education

Semester 2

INTA 2302
Design Practice 6: Speculate

BEIL
Interdisciplinary Learning
Course

General Education

Year 4

Year 4 Core Skills

At the end of the final year you will have developed a comprehensive understanding of the structural, spatial, social and material assembly of interior environments, informed by an appreciation of the physical, cultural, theoretical, historical and professional contexts of interior architecture and design.

Semester 1

INTA 2401
Design Practice 7: Propose

**Built Environment
Elective**

Open Elective

Semester 2

INTA 2402
Design Practice 8: Resolve

**Built Environment
Elective**

Open Elective



Bachelor of Landscape Architecture (Honours)

Prog. Code 3381	Duration 4 years full-time
UAC Code 423500	Prerequisites None
Alt. Admission Yes	Bonus ATAR HSC Plus Design and Technology English Advanced Geography Visual Arts
Accreditation Yes	
2017 ATAR cut-off 80	
2018 Guaranteed Entry Rank 81	
2017 IB cut-off 28	

Professional Accreditation

The Bachelor of Landscape Architecture (Honours) is accredited by the Australian Institute of Landscape Architects (AILA), and has the educational component required for recognition as a registered Landscape Architect.

Career Opportunities

- Landscape architect
- Designer in private practice
- Designer, project manager or technical officer in local government
- Landscape planner in a state government agency or authority
- Landscape planning and management specialist
- Designer with a landscape construction company

Design and protect inspiring and resilient landscapes.

Landscape architecture is the design profession which shapes the public domain of the urban environment, particularly in relation to the contemporary challenges of urbanisation, migration, sustainability and climate change.

Landscape architects balance concerns for human well-being with the protection and enhancement of ecosystem health. They operate at a range of scales — from site to metropolitan region — and integrate design with technology and engineering to create resilient, equitable, and inspiring landscapes. High profile local urban projects, such as Sydney Park and Barangaroo Reserve in Sydney, exemplify the transformative outcomes of landscape architecture practice.

Introduced in 1974, the UNSW Bachelor of Landscape Architecture program was the first such program in Australia. It is a professionally accredited, four-year honours degree which provides you with an academic education in the theory and practice of landscape architecture. During your study you will explore landscape sites and systems, develop your design skills, have access to international travel opportunities and take part in 90 days work experience.



Year 1 Core Skills

At the end of the first year you will have gained an overview of the profession, its history and development over time, as well as the ability to generate and communicate design ideas. You will have gained a foundational knowledge about plants, ecosystems and landscape types, as well as the skills for analysing and designing their modification.

Year 1**Semester 1**

LAND 1141
Design Communication 1

LAND 2101
Landscape Studio 1 –
Design Fundamentals

LAND 2121
Introduction to Landscape
Architecture

LAND 2151
Landscape Analysis

Semester 2

LAND 2102
Landscape Studio 2 –
Design Process

LAND 2122
History of Landscape
Architecture

LAND 2142
Design Communication 2

LAND 2152
Plants and Design

Year 2**Semester 1**

LAND 2201
Landscape Studio 3 –
Landform and Planting

LAND 2251
Planting Design at the
Landscape Scale

LAND 2271
Landscape Documentation

General Education**Semester 2**

LAND 2202
Landscape Studio 4

LAND 2272
Landscape Engineering
Principles

General Education**Select Elective**

Built Environment

Year 2 Core Skills

At the end of the second year you will have developed an understanding of the key landscape architectural materials, especially plants and landforms, and understanding technical aspects of implementing landscape architectural design using the basic materials and communicating construction intentions through technical drawings.

**Year 3 Core Skills**

At the end of the third year you will have undertaken complex design studio projects, working in group and individual modes. You will be familiar with issues of broad-scale landscape management including relevant environmental legislation, and understand the relationship between landscape and urban form. You will have also completed two interdisciplinary electives alongside colleagues from other degrees at UNSW Built Environment.

Year 4 Core Skills

At the end of the final year you will have developed high level design thinking and communication skills necessary to enter the profession as a graduate landscape architect.

Year 3**Semester 1**

LAND 1351
Landscape Management

LAND 2301
Landscape Studio 5 –
Site Planning

BEIL
Interdisciplinary Learning
Course

Semester 2

LAND 1322
Urban Landscape Design
Seminar

LAND 2302
Landscape Studio 6 –
Design with a Complex
Program

BEIL
Interdisciplinary
Learning Course

Year 4**Semester 1**

LAND 2401
Landscape Studio 7 –
Urban Design

LAND 2421
Contemporary Theory
and Research

LAND 1421
Landscape Thesis Foundation
OR Open Elective

Semester 2

LAND 1482
Professional Practice

LAND 2402
Landscape Studio 8 –
Graduating Studio

LAND 1422
Landscape Thesis Foundation
OR Open Elective

Applying to UNSW Built Environment

All domestic students*

How to apply

If you are a domestic student, either a high school leaver or non-high school leaver, you will need to apply through the University Admissions Centre (UAC). For more information please get in touch with the UAC office, or contact UNSW Admissions.

UAC
uac.edu.au

UNSW Admissions
enquiry.unsw.edu.au

Guaranteed entry

If you have a selection rank, including bonus points, at or above the published Guaranteed Selection Rank, we guarantee you'll receive an offer to study at UNSW Built Environment in UAC December Round 2 (December 21). The main thing to remember is that even if you have met the Guaranteed Selection Rank for your degree of choice, we can only guarantee you a place in the degree if you have the degree listed as your highest eligible preference. You'll find out whether you have guaranteed entry once ATARs are released.

Visit
futurestudents.unsw.edu.au/
guaranteed-entry

Alternative admission by portfolio

Boost your chance of admission by submitting a portfolio of design work. UNSW Built Environment has an optional portfolio submission scheme for Architectural Studies, Computational Design, Industrial Design, Interior Architecture and Landscape Architecture. Submitted portfolios will be assessed in conjunction with your academic qualifications. Alternative admission is available to domestic high school leavers and non-high school leavers.

Visit
be.unsw.edu.au/alternative-
admission

Fees

Course fees are charged by the units of credit. Most domestic undergraduate students are Commonwealth Supported, which means the government makes a contribution towards the cost of education. You also pay a contribution amount, which will vary depending on the course undertaken. If eligible, you may be able to pay or defer fees through HECS-HELP or FEE-HELP.

Visit
student.unsw.edu.au/fees-to-
pay or studyassist.gov.au

Depending on what course you choose, you may also have additional costs, such as textbooks, equipment and materials.

Scholarships

A wide variety of scholarships and awards are available to support you when you are starting and throughout your degree. Whether it is academic, sporting, equity, indigenous, rural, degree specific, or travel and exchange you can find a scholarship that suits you.

Visit
scholarships.unsw.edu.au

* Domestic students are Australian citizens, Australian permanent residents or New Zealand citizens

Non-high school students

Non-high school students are welcome to apply for a UNSW Built Environment degree. Applications are assessed on previous educational qualifications, including completed high school qualifications and any tertiary studies.

Students with tertiary qualifications

If you have completed an accredited AQF Certificate IV or above, your application will be considered for admission to UNSW Built Environment. If you have successfully completed the equivalent

of one year or more, of full-time study at an Australian or International university your application will also be considered.

Changing Degrees

Current UNSW students can apply for another UNSW program through the UNSW Internal Program Transfer program (IPT). This program provides flexibility for UNSW students who wish to change degrees.

Visit
student.unsw.edu.au/ipt

Credit transfer

Once you've been admitted to UNSW Built Environment you can apply to have your previous study recognised, and the credit transferred to your current degree. Credit transfer is also known as 'advanced standing'.

Visit
credittransfer.unsw.edu.au

Other non-high school students

If you do not hold qualifications that allow you to compete for admission to UNSW Built Environment, you may seek admission to the University Preparation Program (UPP) or equivalent. Once you have completed a university preparation program, your results can be assessed for application to UNSW Built Environment.

Applying to UNSW Built Environment

Visit

futurestudents.unsw.edu.au/
upp

International students

How to apply

If you are an international applicant studying for an Australian HSC or equivalent (in Australia or offshore), an international Baccalaureate in Australia or the NZ NCEA qualification, please apply through the University Admissions Centre (UAC). For more information please get in touch with the UAC office, or contact the UNSW Admissions Office.

UAC
uac.edu.au

UNSW Admissions
enquiry.unsw.edu.au

All other international applicants should apply directly to the University via myUNSW.

Visit
apply.unsw.edu.au

Enquiries can be made to the Admissions Office UNSW Admissions: enquiry.unsw.edu.au

Admission requirements, fees, and scholarships

The UNSW international guide contains all the information you need to know about studying at UNSW. The guide can be downloaded from international.unsw.edu.au

UNSW-Tongji Double Degree in Architecture

Applications to the UNSW-Tongji Double Degree in Architecture are made directly to Tongji University. Applications for the September 2018 intake open in November 2017. In addition to an ATAR or equivalent academic results, applicants must also submit a portfolio and attend an interview in Sydney to meet the requirements for admission to this degree. The portfolio can be submitted online to UNSW Built Environment from November 2017.

Visit
be.unsw.edu.au/portfolio

For more information on the application processes and fees visit: be.unsw.edu.au/
tongji/admission

Note: this degree is not available to PRC citizens or students who are currently enrolled in architecture degrees.

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touch**

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CRICOS Provider

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