

Study Area

Architecture, Building and Construction



THE UNIVERSITY OF
NEWCASTLE
AUSTRALIA



Dylan, Malaysia
Bachelor of Design (Architecture), 2019

Why study with us

Our architecture, building and construction degrees will empower you to think differently. To imagine new ways to live, work, and experience the world – and bring these ideas to life. Gain the skills needed to design and construct quality environments, from houses, to high-rises, galleries, modern factories or freeways. You will learn from industry experts and work on real-world projects. You will also learn how to emphasise social, economic and environmental sustainability, solve problems and build a better world.

Top 150

in the world for Architecture and Built Environment¹

96.3%

of postgraduate Architecture and Built Environment graduates found full-time employment within four months²

A\$74,900

median starting salary for postgraduate Architecture and Built Environment graduates - above the national average²



See the website for a full list of our degree options and programs

Bachelor of Construction Management (Building) (Honours)	
CRICOS code	003693G
Duration	4 yrs FT
Locations	Newcastle – Callaghan Singapore Online
Indicative annual fee	2021 A\$32,435 2022 A\$33,245
IELTS	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
Intake	S1, S2
Practical experience	Opportunities available
Course overview	
<p>The global construction industry is booming. Construction managers lead and coordinate physical infrastructure and building projects, schedule design and construction, select, hire and supervise contractors, and manage the project budget and legal aspects of the job. Our degree is the most professionally recognised in Australia and includes 16 weeks of professional practice. Through your industry-connected placement, you will put learning into practice and build vital professional networks.</p>	

What you will study

Directly reflecting the needs of industry, you will build critical workplace skills in:

- building information modelling (BIM)
- building surveying
- construction ecology and technology
- estimating, economics, finance and tendering
- law
- health and safety
- management and communication

Professional recognition

Fully endorsed by five professional bodies in Australia and internationally:

- Australian Institute of Building (AIB)
- Australian Institute of Building Surveyors (AIBS)
- Australian Institute of Quantity Surveyors (AIQS)
- Chartered Institute of Building (CIOB)
- Royal Institution of Chartered Surveyors (RICS)

Career opportunities/outcomes

Career examples include:

- Building Surveyor/Certifier
- Contracts Manager
- Construction Manager
- Estimator
- Facilities Manager
- Project Manager
- Property Developer
- Quantity Surveyor



See the website for more information about this degree.

Bachelor of Design (Architecture)	
CRICOS code	001600A
Duration	3 yrs FT
Locations	Newcastle – Callaghan
Indicative annual fee	2021 A\$32,435 2022 A\$33,245
IELTS	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
Intake	S1, S2
Practical experience	Opportunities available
Course overview	
<p>Architecture is more than just art and technology. Our students are challenged to explore their potential as agents for change. They use architecture to design and shape the physical spaces of our cities and buildings, stimulate the places we live and work, engage the community and improve the world. You will learn in the state's newest creative innovation centre, Newcastle.</p>	

What you will study

More than half of your degree will be dedicated to architecture studio work, working on a range of practical and often live projects. You will learn about:

- the architectural site as landscape
- construction and detailing of buildings
- construction technology and ecology
- sustainable design practices
- digital and parametric design processes
- making conceptual and realistic models in our workshop

Professional recognition

Fully accredited by the NSW Architects Registration Board, the Commonwealth Association of Architects and the Architects Accreditation Council of Australia. Internationally recognised through the Canberra and Washington Accord agreements, and as part of the Bologna Process for European Higher Education.

Career opportunities/outcomes

Some typical careers include:

- Designer
- Drafter
- Infrastructure Planner
- Project Manager
- Technician
- Town Planner

Broaden your career options and qualify as a professional architect with a Master of Architecture (two additional years of study) (page 46).



See the website for more information about this degree.

Master of Architecture

CRICOS code	062019J
Duration	2 yrs FT
Locations	Newcastle – Callaghan
Indicative annual fee	2021 A\$35,658 2022 A\$36,549
IELTS	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
Intake	S1, S2
Practical experience	Opportunities available

Course overview

Learn how to think laterally, design for change and improve our world. Explore the ways you can influence and shape the design of our built environments with the most studio-based architecture program in Australia. The city of Newcastle is on the cusp of total transformation, making it a unique centre for innovative design practice. You will develop the skills needed to improve the places we live, work and play and use architecture to create social change. Work on international-scale projects that solve real design problems, work side-by-side with communities and showcase your work to industry and through public exhibitions.

What you will study

Keeping pace with progressive architecture schools around the world, the Master of Architecture program is heavily studio-based. You will study:

- dedicated projects that focus on engaged, integrated and applied forms of architectural practice
- core information and resources that explain the conditions of projects such as site, landscape and place the historical and theoretical knowledge that underpins architectural design

Professional recognition

The Master of Architecture is accredited by the Architects Accreditation Council of Australia (AACA). It is recognised by the NSW Architects Board, the Australian Institute of Architects (AIA), and the Board of Architects Malaysia. It has reciprocal accreditation with the Royal Institute of British Architects (RIBA).

Career opportunities/outcomes

Career examples include:

- Architect
- Construction Manager
- Infrastructure Planner
- Overseas Aid Worker
- Private and Commercial Practice
- Project Manager
- Property Developer
- Researcher
- Town Planner

Master of Disaster Resilience and Sustainable Development

CRICOS code	095159B
Duration	2 yrs FT Accelerated options available
Locations	Newcastle – Callaghan Online
Indicative annual fee	2021 A\$36,530 2022 A\$37,443
IELTS	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
Intake	T1, T2, T3
Practical experience	Opportunities available

Course overview

Organisations around the world are realising that by becoming leaders in sustainable development, they can save lives, revenue, and achieve a competitive advantage. This program will equip you with an understanding of resilience and sustainable development principles, how to avoid disasters, operate through extreme events and emerge better placed to face the future. Delivered through CIFAL Newcastle, a United Nations training centre, you will learn best practices needed to implement the new UN Sustainable Development Goals (UN-SDGs) and the Sendai framework for Disaster Risk Reduction.

What you will study

This program is the first and only degree in the world to contain UN co-certification in the use of tools and frameworks central to disaster preparedness, reconstruction and resilience building. You will study areas including:

- theory and practice of disaster management
- policy and social considerations in disaster management
- government and private sector approaches to disaster risk reduction
- environmental, business and project management
- professional practice research project

Professional recognition

Receive UN co-certification when you complete courses that are co-certified by both the United Nations Institute for Training and Research (UNITAR) and the United Nations Office for Disaster Risk Reduction (UNDRR).

Career opportunities/outcomes

Career examples include:

- Disaster Recovery Planner
- Emergency and Crisis Manager
- Environmental Protection Officer
- Resilience Officer
- Workplace Health and Safety Manager



See the website for more information about this degree.



See the website for more information about this degree.

	CRICOS	Duration (Years, semesters or trimesters)	Location	Intakes	IELTS Overall Minimum/ Section Minimum	2021 Indicative Annual Fee A\$ [^]	2022 Indicative Annual Fee A\$ [^]
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Architecture, Building and Construction

Bachelor of Construction Management (Building) (Honours)	003693G	4	N, SG, Online	S1, S2	6.0/6.0	\$32,435	\$33,245
Bachelor of Design (Architecture)	001600A	3	N	S1, S2	6.0/6.0	\$32,435	\$33,245
Graduate Certificate in Disaster Risk Reduction	090807D	2 trimesters	N	T1, T2, T3	6.5/ 6.0	\$17,829	\$18,275
			Online	T1			
Master of Architecture	062019J	2	N	S1, S2	6.5/ 6.0	\$35,658	\$36,549
Master of Disaster Resilience and Sustainable Development #	095159B	6 trimesters	N, Online	T1, T2, T3	6.5/ 6.0	\$36,530	\$37,443

KEY FOR LOCATIONS

NC Newcastle – City
N Newcastle – Callaghan
CC Central Coast – Ourimbah
S Sydney
SG Singapore

KEY FOR INTAKES

S1 Semester 1
S2 Semester 2
T1 Trimester 1
T2 Trimester 2
T3 Trimester 3
W Winter

Accelerated degree options available based on individual student backgrounds.
 > Depending upon admission qualification - duration of program will alter.

 newcastle.edu.au/international

 china.newcastle.edu.au

 +61 2 4913 8300

 1300 275 866 (inside Australia)



Newcastle Campus

Callaghan
University Drive,
Callaghan NSW 2308

Sydney Campus

55 Elizabeth Street,
Sydney NSW 2000

Newcastle City Campus

NUspace
Corner Hunter and Auckland Streets,
Newcastle NSW 2300

Singapore Campus

6 Temasek Boulevard,
#10-02/03, Suntec Tower 4,
Singapore 038986

Central Coast Campus

Ourimbah
Chittaway Road,
Ourimbah NSW 2258



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