

# 2021 UNDERGRADUATE AND POSTGRADUATE DEGREES

INTERNATIONAL STUDENTS



THE UNIVERSITY OF  
NEWCASTLE  
AUSTRALIA





# EVERY PATH WELCOME, EVERY STUDENT CELEBRATED.

At the centre of everything we do at the University of Newcastle, are our shared values, which we believe in living and breathing every day.

## WE STAND FOR:

### EXCELLENCE

We pursue the exceptional and strive for innovation in our teaching, research and operating environment.

### ENGAGEMENT

We are deeply connected to the challenges and opportunities in our regions and beyond.

### EQUITY

We are committed to widening participation, promoting diversity and fairness, overcoming injustice and increasing success for all.

### SUSTAINABILITY

We are ethically minded and prioritise responsible management of our environment and financial resources.

Jessica, Bachelor of Medical Science/  
Doctor of Medicine

Skip, Bachelor of Social Science/  
Bachelor of Laws (Honours)



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QR codes are included throughout this guidebook to help connect you online to additional related information, videos or links. Use your smartphone camera, or a QR code app to scan the code and click the link that appears. If you are already using a digital device, simply click the QR code.

Every degree profile and section has its own unique QR code.

Give it a try. Scan this QR code to read about studying with us.



The University of Newcastle acknowledges the Traditional Custodians of the lands on which our campuses are located. The Worimi nation and the Pambalong clan of the Awabakal nation (Newcastle) and Darkinjung people (Central Coast) and the Gadigal people of the Eora nation (Sydney). We pay respect to Elders past, present and emerging. We also acknowledge and pay respect to the other Aboriginal and Torres Strait Islander nations from which our students, staff and community are drawn.



# WELCOME

I am so pleased you are interested in studying at the University of Newcastle, Australia. We are excited to welcome students from across the globe to our campuses in Newcastle, the Central Coast, Sydney and Singapore. More than 113 nationalities are currently represented among our 37,946 students<sup>1</sup> and we welcome the cultural richness and diversity these students bring to campus life. We also love being a place where you can experience some of the best that Australia has to offer.

We are a university that has made a big impact. In 2020, we are ranked 207th in the world and in the top 10 in Australia by QS World University Rankings<sup>2</sup>. We are home to some of the world's best researchers, committed to solving global challenges, and leading educators who are passionate about sharing knowledge for a better future for all.

Our University is proud to uphold the values of excellence, equity, engagement and sustainability. This is a place where everyone can succeed. We welcome students from all backgrounds and circumstances, and we work hard to support them to excel in their studies.

When you study with us, we support you to gain valuable work experience as part of your studies - giving you a competitive advantage when you graduate and are seeking employment. We are closely connected to our regions and communities, ranking number one in Australia for industry collaboration<sup>3</sup>. We are also investing in state-of-the-art facilities, including innovative buildings and learning environments so that you can get the most out of your studies.

At our University, connection to community is just as important as knowledge and good health. Our communities, students and staff have told us they want us to be leaders in climate action so we are doing what we can to protect our planet for future generations. That is why the University of Newcastle now uses 100% renewable electricity and we are on track to being carbon neutral by 2025.

We are taking a range of other steps to minimise our own impact on the planet, investing in research into next-generation resources and incorporating sustainable practices and theories into our education programs. We recognise the important role universities have in this global challenge and take our responsibility seriously.

If you are looking for a place where opportunity abounds, we would love for you to join us at one of our beautiful campuses.

**Professor Alex Zelinsky AO**  
Vice-Chancellor and President



Scan here to learn more about our *Looking Ahead* Strategic Plan 2020-2025



# THE CITY OF NEWCASTLE WELCOMES YOU



As Lord Mayor of Newcastle, I strongly support the University of Newcastle's *Looking Ahead* Strategic Plan 2020-2025.

The strong partnerships the University has established with government, business and the community have helped raise Newcastle's international profile and have been key to the city's transformation into a smart, liveable and sustainable global city.

The City of Newcastle, the local government body which I lead, is at the forefront of the smart city movement in Australia. Consistent with the University, we have helped Newcastle win recognition as a centre for technology innovation and confirmed it as a great study destination that strongly values fairness, equality and inclusivity.

**Nuatali Nelmes**

Lord Mayor

The City of Newcastle





# WHY STUDY WITH US

Choosing to study at the University of Newcastle can give you a competitive advantage with your future career. Here are top reasons to study with us.

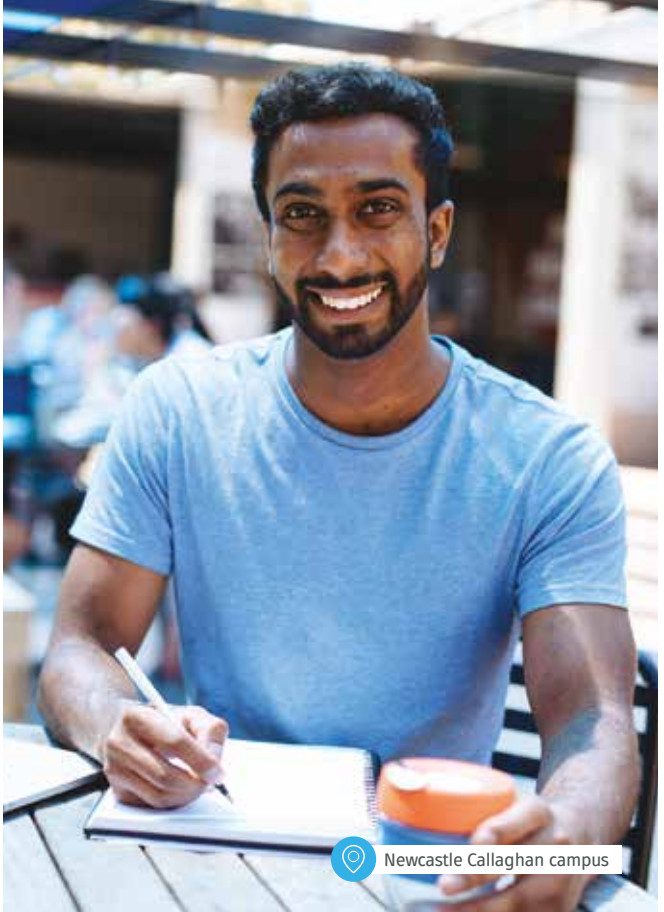
## 1 STUDY AT A TOP 10 UNIVERSITY IN AUSTRALIA<sup>1</sup>

You will have access to world-class programs, inspiring and collaborative learning environments, and opportunities to put theory into practice with real-world experiences.

Learn from our passionate and talented teaching staff who have strong industry connections and experience.

## 2 GAIN ADDITIONAL POST-STUDY WORK OPPORTUNITIES IN AUSTRALIA

The Australian Government allows students that meet study and skills criteria<sup>2</sup> to stay in Australia after they complete their study and gain valuable work experience. To promote living and working in regional areas, students are eligible to stay; for up to two years if they complete their studies at our Sydney campus, for up to three years from our Newcastle campuses, or for up to four years from our Central Coast campus.




Newcastle Callaghan campus

# WE ARE THE HIGHEST RANKED REGIONAL UNIVERSITY IN AUSTRALIA<sup>1</sup>



Central Coast campus, Ourimbah



 Newcastle City campus

### 3 BUILD YOUR PROFESSIONAL NETWORKS AND CONNECT WITH OUR INDUSTRY PARTNERS

We offer you the chance for practical work experience as part of your study, greater connection with local, regional and national industry partners, and the opportunity to grow your professional network. You can open more doors with us. See page 17 for more information.

### 6 ENGAGE IN PRACTICAL LEARNING EXPERIENCES WHILE YOU STUDY

Our focus on practical learning experiences is built into our study programs. It ensures you will be well prepared for work environments, and ready to take on new challenges. See pages 16 to 23 for more information about Work Integrated Learning (WIL) and leadership programs including iLEAD Plus.

## No. 1

ranked university in Australia for industry collaboration<sup>3</sup>

## 37,946

students from 113 nations<sup>5</sup>

### 4 EXPERIENCE MORE CAREER OPPORTUNITIES AND EARN HIGHER SALARIES

Over 90% of our undergraduates and 94.8% of our postgraduates gain employment within four months of completing their studies<sup>4</sup>. Our students start post-study work with higher salaries than the Australian average<sup>4</sup> meaning you will have a better chance of success with us. See page 18 for more information.

### 7 ENJOY A MORE AFFORDABLE AUSTRALIAN STUDY EXPERIENCE

For study and living, Newcastle and the Central Coast are more affordable than most major cities in Australia. We also run workshops and classes to help you find part-time work while you study. With a range of international scholarships, there are many affordable ways to study with us. See page 31 and 34 for more information.

### 5 STUDY FREE FROM DISTRACTION IN A WELCOMING SETTING

Newcastle and the Central Coast have the convenience and benefits of a big city, without the usual distractions from study. In Sydney, our strong industry partner connections benefit postgraduate study programs. Our campus environments enhance study effectiveness. See page 8 for more information.

### 8 BE PART OF A VIBRANT STUDENT COMMUNITY

Our international and domestic students love studying at our beautiful campuses. With friendly support and services teams, we help make your stay safe and secure, so you can focus on your study and have fun in Australia.

<sup>1</sup> QS World University Rankings 2020 <sup>2</sup> <https://immi.homeaffairs.gov.au/visas/working-in-australia/regional-migration/eligible-regional-areas>

<sup>3</sup> Innovation Connections ICA Report 2014-2019 <sup>4</sup> QILT Graduates Outcomes Survey 2017-2019 Undergraduate annual starting median salary AUD \$62,600. Postgraduate annual starting median salary AUD \$92,000 <sup>5</sup> The University of Newcastle Data Warehouse as at 4 February 2020



# NEWCASTLE FROM ABOVE



1



2

← **THE UNIVERSITY OF NEWCASTLE**  
CENTRAL COAST CAMPUS  
SYDNEY CAMPUS

**THE UNIVERSITY OF NEWCASTLE**  
CITY CAMPUS  
• Conservatorium  
• NUspace  
• Honeysuckle

2 **NEWCASTLE INTERCHANGE**  
Train/Light Rail

3 **I2N HUB**  
Hunter Street

**DARBY STREET**  
Entertainment area

**NEWCASTLE LOCAL COURT**

4

**NEW SOUTH WALES**



## TRAVEL TIME\*



Newcastle City campus	3mins
Newcastle Callaghan campus	20mins
Lake Macquarie	25mins
Newcastle Airport	35mins
Hunter Valley	55mins
Port Stephens	1hr
Central Coast campus	1hr 10mins
Sydney campus	2hrs 30mins

\* All distances are taken from Newcastle central business district and are estimates only.





3



4



5



6

Image Credit: Destination NSW

5

### HONEYSUCKLE

Waterfront  
entertainment area

6

### THE UNIVERSITY OF NEWCASTLE CALLAGHAN CAMPUS

NEWCASTLE  
AIRPORT

PORT STEPHENS

I2N HUB

Williamtown

### LIGHT RAIL STOP

Beach access

### NEWCASTLE BEACH

### NEWCASTLE OCEAN BATHS



# OUR CAMPUSES


The University of Newcastle offers safe, friendly and secure campuses with a range of facilities for you to make the most of your study experience in Australia. You will learn from world-class teaching staff at innovative facilities, interact with local and international students and experience Australian culture and way of life.



## NEWCASTLE (CALLAGHAN)

The original campus for the University of Newcastle, Callaghan is a beautiful mix of award-winning, architecturally designed buildings sitting across 140 hectares in a natural setting. Our relaxed campus environment allows you to study free from distraction. With the centre of Newcastle just 10km away, the campus is well connected to key regional employers and industry, including the John Hunter Hospital and Hunter Medical Research Institute (HMRI). The campus is the central hub for education, humanities, social science, and the fields of science, technology, engineering, mathematics and medicine (STEMM), as well as nursing and health.



 Newcastle Callaghan campus

## NEWCASTLE (CITY)

In the heart of the city, our Newcastle City campus provides an integral link with industry across creative industries, business and law. The campus is a hive of innovation in the city centre. Our state-of-the-art facility NUspace delivers a 'next generation' university experience, while our innovation hub is where you can engage with entrepreneurs, innovators, startups and developers to produce ideas that challenge the conventional.



Scan to explore the designs for Honeysuckle at our Newcastle City campus.




Honeysuckle, part of our Newcastle City campus is coming 2021




**MORE THAN  
A\$100  
MILLION  
INVESTED INTO THE  
NEWCASTLE CITY  
CAMPUS OVER THE  
PAST FIVE YEARS**



 NUspace, Newcastle City campus




 Central Coast campus

## CENTRAL COAST (OURIMBAH AND GOSFORD)

Halfway between Newcastle and Sydney sits the Central Coast region, with beautiful waterways, national parks and coastal towns. Our campus at Ourimbah offers study programs in business, education, humanities and social science, oral health therapy, podiatry and nursing and the sciences (food, coastal and marine and exercise and sports). Our students benefit from strong links with local industry, and partnerships with the Central Coast Local Health District for specialised health degrees, world-class research and testing facilities, as well as growing opportunities for research. In 2021, the Central Coast Clinical School will take on its first students and expand our campus locations into Gosford.



 NUspace, Newcastle City campus


## SINGAPORE (DOWNTOWN CORE)

Located in the central business district of one of Asia's best entrepreneurial and educational hubs, our Singapore campus offers programs in business, commerce, communications, construction management, engineering, environmental and occupational health and safety and information technology.

## SYDNEY (CITY)

Our Sydney campus, in the middle of Sydney's central business district, offers world-class facilities and innovative styles of learning. A range of ELICOS English Language programs and postgraduate programs are offered at this campus including information technology, business administration and professional accounting. The courses have been developed and designed with industry professionals and include applied learning to better prepare students for actual industry settings. Both the campus and programs are designed to meet the business needs of today, so that students can solve the challenges of tomorrow.



 Sydney campus



# NEWCASTLE

## A CONNECTED PLACE TO STUDY

Newcastle is a vibrant coastal city and the second largest city in the state of New South Wales, two and a half hours north of Sydney. With much to see and do, you will be warmly welcomed to explore a variety of authentic experiences, Australian lifestyle and culture.

For international students living in Newcastle, the city:

- offers a more affordable cost of living
- is friendly and safe
- has good work opportunities available.



Merewether Beach, Newcastle



Image Credit: GPT Group

Charlestown Square shopping mall, Newcastle

## NEARBY NEWCASTLE

Surrounding Newcastle are regional attractions including:

- Lake Macquarie - Australia's largest coastal saltwater lagoon
- Port Stephens - a collection of seaside villages with beautiful sand dunes
- Hunter Valley - stunning vineyards, valleys and gourmet eateries
- Barrington Tops - a world-heritage listed rainforest popular for bushwalking, kayaking, abseiling and mountain biking.

## ENTERTAINMENT

There are many low-cost and free activities for you and your friends to do together around the city. Here are some ideas to start with:

- Rent a bike, ride along the coast and watch for whales in winter
- Hang out with koalas and kangaroos at Blackbutt Nature Reserve or the Hunter Valley Zoo
- Pick up some tasty fresh produce at Newcastle Food and Flower Markets
- Explore arts and history at Newcastle's Museum, Art Gallery or Civic Theatre
- Be spotted for talent singing your heart out at karaoke nights and venues across Newcastle
- Enjoy a boutique shopping experience on Darby Street or visit our major shopping malls.


To find other activities around Newcastle, go to [visitnewcastle.com.au/whats-on](http://visitnewcastle.com.au/whats-on)



Image Credit: Destination Port Stephens.





 Darby Street, Newcastle

## FOOD

With a range of mouth-watering restaurants, bars and cafés, Newcastle has cuisines to suit all tastes. The two main destinations for food lovers are Darby Street in Cooks Hill and Beaumont Street in Hamilton. Here are some local favourites<sup>1</sup> to try:

- Darby Street - Goldbergs, Three Monkeys or Autumn Rooms (Cafés), Le Dynasty (Chinese) or Darby Raj (Indian)
- Beaumont Street - Mockingbird (Café), El Nonno (Italian), Kings XI (Indian) or Eight Buns (Chinese)
- Elsewhere in Newcastle - Ginger Meg's (Asian fusion), MEET (Brazilian), Grand Pavilion (Indian) or Glebe Takeaway (Fish and Chips)
- Best beach views - try cafés including Estabar, Newcastle Beach Kiosk or Merewether Surfhouse.

Cooking a dish from home? There are many multicultural grocers and shops to find all your favourite ingredients. Try Young Asian Grocery, Kwon Mart, Raj Spices, House of Asia, Kairali or Bibina to name a few.

## SPORT

The people of Newcastle, known as *Novocastrians*, love a range of sports. You can get involved and:

- Watch the Newcastle Knights (rugby league) or the Newcastle Jets (football) at McDonald Jones Stadium
- Play cricket, tennis, netball, basketball, baseball, hockey, badminton, football/soccer and more around the city
- Swim indoors or outdoors, at swimming pools, coastal baths or patrolled beaches
- Work out with student discounts at The Forum gyms based at Callaghan campus and in the city.

## CONNECTIVITY AND GETTING AROUND

An award-winning smart city, Newcastle has embraced innovation and technology throughout its inner-city infrastructure.



### SMART TECHNOLOGY

Smart parking app, next-gen streetlight technology and interactive help screens.



### CONNECTED

Free high-speed public WiFi in the CBD and apps with real-time information.



### PUBLIC TRANSPORT

Trains, trams and buses safely connect our campuses to the city and beach.



### FREE SHUTTLES

The University offers free shuttles between its Newcastle campuses, and shuttles from Newcastle Callaghan to nearby local shops.



### NEWCASTLE AIRPORT

Frequent direct flights to major Australian cities; and many one or two stop flights to major international cities. Awarded Australia's best airport in 2018.

# SYDNEY

Australia's largest city, is two and a half hours south of Newcastle. It is one of the world's most beautiful harbour cities. For international students, Sydney is a multicultural meeting place and a professional global environment to connect with.



Image credit Destination NSW.

## FOOD

Sydney has an amazing array of food on offer; from the cheap and tasty delights of Chinatown, or the outdoor street-food market Spice Alley in Chippendale, to the trendy new venues at Barangaroo, or something for everyone in Newtown.

Australians really love their coffee and prefer to support small independent cafés. Try Single O, Mecca Coffee or Regiment in the city<sup>1</sup>.



Image credit Destination NSW.

## ENTERTAINMENT

Here are some low-cost or free activities available throughout the year:

- Visit the stunning Sydney Opera House and Sydney Harbour Bridge
- Picnic at the beautiful Centennial Parklands or the Royal Botanic Garden Sydney
- Visit the cute and unique animals at Taronga Zoo, SEA LIFE Sydney Aquarium and WILD LIFE Sydney Zoo
- Vivid Sydney, largest festival of light, music and ideas in the southern hemisphere, takes place during Winter around the city and is a must-see<sup>2</sup>.

## CONNECTIVITY AND GETTING AROUND



### CONNECTED

We recommend you have access to mobile data and use your smartphone apps and information for getting around.



### PUBLIC TRANSPORT

Sydney has an excellent public transport network of light rail, trains, buses and ferries, which you can use some credit cards or the Opal card for payment and ticketing. Opal cards can be purchased at shops and convenience stores around the city.



# EXPAND YOUR WORLD VIEW

“I am very thankful for Australia and the time I spent there in my youth. The culture, the landscape and most importantly its people had a profound positive impact on my view of the world at that time.”

Jack Ma



Jack Ma

Founder of Jack Ma Foundation

Partner of Alibaba Group

United Nations Sustainable Development Goals Advocate

The University of Newcastle is a place where students are challenged to expand their view of the world, where interaction with locals and people from diverse backgrounds can have a lifelong impact.

As a teenager, Jack Ma would ride his bike throughout his hometown of Hangzhou, looking for opportunities to meet tourists and practice his English.

In 1980, he met the Morleys, a family from Newcastle who would have a profound impact on his life. He kept in touch with them after they returned to Australia, and later came to Australia to visit them in Newcastle. He credits these experiences with opening his eyes to the world and inspiring his desire to make social change and do things differently.

To honour this special connection, in 2017 Jack Ma established the Ma & Morley Scholarship Program. He made

a significant philanthropic commitment to the University through the Jack Ma Foundation to help to build the next generation of globally aware and socially conscious leaders.


Jack Ma wants to provide students with opportunities to create life-changing experiences and friendships, like those he had with the Morley family in Newcastle.



Scan to learn more about Jack Ma.

# INTERNATIONAL SCHOLARSHIPS

Worried about the cost of studying in Australia? The University of Newcastle is one of the more affordable options for study in Australia. We also offer many scholarship opportunities for international students that can greatly reduce the cost of tuition and other study-related expenses.

 Newcastle Callaghan campus

## AUSTRALIA AWARDS SCHOLARSHIP

The Australian Government has supported the education of emerging leaders from other countries for more than 60 years. It currently offers Australia Awards scholarships to individuals from around 50 countries across Asia, Asia-Pacific, Africa and the Middle East including Bangladesh, Bhutan, Cambodia, Fiji, India, Indonesia, Laos, Nepal, Papua New Guinea, Pakistan, Philippines, Samoa, Sri Lanka and Vietnam. Search online for more information about these scholarships.

## FACULTY OF ENGINEERING AND BUILT ENVIRONMENT (FEBE) GOLDEN JUBILEE COMMEMORATIVE INTERNATIONAL SCHOLARSHIP

This coveted scholarship payment covers your full tuition fees up to A\$140,000 for studies of up to five years. One scholarship is awarded every semester to an academically gifted full-time student who is enrolled in eligible undergraduate programs in our Faculty of Engineering and Built Environment.

## FEBE INTERNATIONAL UNDERGRADUATE SCHOLARSHIP

The Faculty of Engineering and Built Environment offers up to 100 scholarships for undergraduate coursework for international students. The scholarship is awarded automatically to students on eligible study program applications and is worth up to A\$20,000.

## FEBE INTERNATIONAL POSTGRADUATE SCHOLARSHIPS

The Faculty of Engineering and Built Environment offers up to 100 scholarships for postgraduate coursework for international students. The FEBE International Architecture and Built Environment Scholarship is worth up to A\$12,000, and the FEBE International Engineering and Technology Scholarship is worth up to A\$18,000.



Scan here for an up-to-date list of new and current international scholarships.





“Studying here was the best decision for me. I have met so many people from other cultures, and love to learn from them. I am now more confident in making decisions for myself.”

**Cheena, India**  
 FEBE Golden Jubilee  
 Commemorative International Scholar, 2019  
 Bachelor of Computer Systems Engineering (Honours)

## CHEENA'S GOLDEN MOMENT

Cheena always knew she wanted to study engineering, even as a young girl. At her school in Jaipur, India, she excelled academically, with one teacher noting that she was the best student he had seen come through the school.

She began to research engineering programs around the world, and that is when she learned about the University of Newcastle and its scholarship programs. She was attracted to the University because of its excellent reputation for engineering programs, and the way it embraced the idea of mixing creativity and technology to produce innovative results.

Cheena's excellent grades helped her to win her the coveted FEBE Golden Jubilee Commemorative Scholarship, an international engineering scholarship which covers 100% of the tuition fees for up to five years.

A science geek at heart, she now hopes to set an example for other young women around the world to never give up on their dreams, and to find success doing what they love.

Since starting her study, Cheena has also become an International Student Ambassador for the University of Newcastle, a role that sees her share her university experiences with prospective students, schools and the community.



Scan to learn more about Cheena's story.

# GET CAREER READY

Get your future career off to a great start with extra services, elective programs and workshops. We will guide you to develop your leadership skills, boost your confidence and find practical experiences to help you succeed. See below how our students gain an advantage and build their career opportunities while studying with us.



V8 Supercars, Newcastle

BUILD YOUR CAREER	HOW WE CAN HELP
 Learn and Understand Theory	<p><b>Your career will be built on a strong foundation of knowledge gained at university.</b></p> <ul style="list-style-type: none"> <li>• 189 undergraduate and postgraduate programs to choose from <b>p44-98</b></li> <li>• Innovative and practical learning methods with high-quality teachers <b>p26</b></li> </ul>
 Expand Your Networks	<p><b>Wider professional networks lead to stronger future professional opportunities.</b></p> <ul style="list-style-type: none"> <li>• No 1. ranked university in Australia for industry collaboration<sup>1</sup> <b>p18</b></li> <li>• Network with Connect88 <b>p18</b></li> <li>• Strong and active Alumni networks <b>p40</b></li> </ul>
 Get Practical Experience	<p><b>Gain confidence by putting theory into practice in a real-world setting.</b></p> <ul style="list-style-type: none"> <li>• Work Integrated Learning (WIL) experiences <b>p17</b></li> <li>• Gain valuable work experience with Connect88 <b>p18</b></li> <li>• Our Careers Services team can help find part-time work or internships <b>p39</b></li> </ul>
 Develop Leadership Skills	<p><b>Practise and become a great leader by guiding groups to achieve a shared purpose and discover your leaderships strengths.</b></p> <ul style="list-style-type: none"> <li>• Build your entrepreneurial ideas with I2N <b>p20</b></li> <li>• CIFAL Newcastle is the only United Nations affiliated training centre in Australia, offering leadership courses around disaster recovery and resilience and the Sustainable Development Goals <b>p22</b></li> <li>• Take part in regional and global challenges with iLEAD Plus <b>p23</b></li> <li>• Lead others as you live on campus with our ResLead program <b>p32</b></li> </ul>
 Plan Your Career	<p><b>Plan your purpose and feel confident about your choices and options.</b></p> <ul style="list-style-type: none"> <li>• Speak with Careers Services for advice and feel confident with the direction your career is taking <b>p39</b></li> </ul>
 Get Hired	<p><b>Learn how to stand out and get hired for internships or paid employment.</b></p> <ul style="list-style-type: none"> <li>• Attend careers workshops, practice sessions and mock interviews with Careers Services. Also learn how to build a resume and pitch yourself or find work opportunities on campus <b>p39</b></li> <li>• Meet local hiring managers with the NIC Hire Me Project <b>p31</b></li> <li>• Gain valuable work experience with post-study work rights for up to four years in Australia <b>p4</b></li> </ul>



# REAL-WORLD EXPERIENCE

Benefit from meaningful workplace experiences while you study. We call it Work Integrated Learning (WIL). Build on your classroom theory with practical experience and increase your employability. These skills are learnt in actual or virtual workplace environments including clinical or professional placements, practicum or internships, as well as field work, community engagement activities and project-based learning.



Emma, China

Bachelor of Business  
(Marketing and Tourism Management), 2018

Fresh Marketing, Newcastle

## FRESH OPPORTUNITIES FOR EMMA

Emma graduated with a Bachelor of Business degree from the University of Newcastle in 2018. She later completed a Master of Marketing and currently lives in Shanghai and works in a marketing agency.

While studying, she undertook Work Integrated Learning (WIL) experience with a local agency, Fresh Marketing. Managing Director, Sarah, gave Emma a real opportunity to grow Fresh Marketing's client base in China.

Applying marketing concepts and practices from her course work, Emma put them to good use at the agency, which created a unique learning experience for her. Of most value were the interactions with people across different levels, learning better time management skills, and assisting with presentation development.

Emma and Sarah still stay in touch. Emma has since helped Fresh Marketing explore WeChat accounts for clients interested in greater engagement in China.

“Having students in the workplace with diverse backgrounds and different experiences has been really valuable for our business, particularly for their international perspective. We now offer strategy sessions for clients on potentially expanding into international markets.”

Sarah, Managing Director, Fresh Marketing



Scan to learn more about Emma's experience.

# LEADING INDUSTRY COLLABORATION

With world-class facilities that allow for stronger industry collaboration on campus, we know how to unlock the value of our network.



Our partners include DiDi, Alibaba, Ledman Newcastle Jets, Sinosteel, BMG Australia, the Australian Tax Office, Legal Aid, Engineers Australia, Hunter New England Health and Central Coast Local Health Districts, and the Hunter Medical Research Institute to name a few.

We are the top-ranked university for industry collaboration in Australia<sup>1</sup> and the only university in Newcastle and the Hunter region. Our strong collaboration with local and regional industry creates powerful networking opportunities for our students.



## 3,000+

employer connections<sup>2</sup>

## CONNECT88

This global employability program gives international students the opportunity to develop and utilise their global thinking in a real business setting. You will gain a hands-on experience of Australian workplace culture and contribute your own language and cultural skills to help local businesses do better in Asia. Connect88 is a great way to expand your networks and create lasting professional connections with potential future employers.

Sign up and get started with cultural intelligence training, advanced workplace English language training and exclusive workshops that prepare you to be career-ready. Once you have established yourself, you will then have access to select volunteering opportunities, industry immersion trips and a Connect88 networking event where you could meet your future internship host or graduate employer.

At the final level, you will participate in a paid internship or Work Integrated Learning (WIL) experience with one of Connect88's industry partners, and support through business coaching from a University of Newcastle alumni mentor.



The University partners with the Newcastle Tourism Industry Group to enhance the experience of international students through a range of tourism and related industries.

<sup>1</sup> Innovation Connections IC Report 2014 – 2019

<sup>2</sup> The University of Newcastle Employability and Enterprise data



# VALUED BY INDUSTRY

We are the top-ranked university in Australia for industry collaboration<sup>1</sup>. As a result, our students are well-prepared, well-connected and in demand by employers. Our industry partners often recruit graduating students and recognise their strength and readiness for the workplace.



North Construction & Building has had a long-standing relationship with the University of Newcastle. Their academic programs and links to the business community are second to none. We have engaged many of their Construction Management students in our cadetship program and gone on to hire a number of them in a full-time capacity. We have been impressed with the quality of their graduates and look forward to continuing our great partnership.



nib Health Funds (nib) has partnered with the University of Newcastle to recruit international students to work in our frontline teams assisting members with any questions they may have about their International Visitors Health Insurance. The students bring with them a wealth of knowledge, as well as invaluable diversity of thought, experience and capability which helps deliver a world-class member experience for our international members as well as a great team culture within our business. We look forward to welcoming more international students to our employee base in the future.



“The University of Newcastle has positioned itself as an institution with a sense of ambition and imagination, their willingness and flexibility to engage with BMG in such an exciting way opens up a world of creative opportunity for students and artists alike. BMG sees immense value in connecting our artist roster with the University’s students across all creative arts disciplines to create an everchanging stream of compelling multimedia content. BMG is also proud to offer select students mentoring opportunities and real-world training. As a Novocastrian and University of Newcastle graduate, I’m excited to help develop a new wave of industry professionals from this great city.”

Heath Johns, Managing Director,  
BMG Australia and New Zealand

## ABOVE AVERAGE EMPLOYMENT AND AND SALARIES



### 90%

of our undergraduates find employment within four months of graduating<sup>2</sup>



### \$62,600

median starting salary for undergraduate employment - above the national average<sup>2</sup>

### 94.8%

of our postgraduates find employment within four months of graduating<sup>2</sup>

### \$92,000

median starting salary for postgraduate employment - above the national average<sup>2</sup>

<sup>1</sup> Innovation Connections IC report 2014-2019

<sup>2</sup> QILT Graduates Outcome Survey 2017-2019

# ENTREPRENEURIAL OPPORTUNITIES

## INTEGRATED INNOVATION NETWORK (I2N)

Offering co-working spaces, entrepreneurship programs, partnerships and networking opportunities, I2N can help you upskill, develop and test ideas, and make valuable industry connections.

I2N supports entrepreneurs, businesses and students who are keen to develop enterprise skills valued by employers. It is the network for everyone interested in entrepreneurship.



Scan to learn how I2N can help you.



**BUILD YOUR IDEAS,  
TEST YOUR THINKING AND  
ACCESS INDUSTRY EXPERTS.  
TOGETHER WE CAN MAKE  
BIG THINGS HAPPEN.**



I2N Hub Hunter Street

"Early on, my co-founders and I realised we were lacking marketing know-how. By reaching out to I2N staff, they were able to put us in direct contact with University program conveners who identified enthusiastic students to help us through an internship program. When we were in the position to hire for paid positions we had a pool of applicants who already understood our business."

**Sahil Harriram**

Co-founder and CEO of Elite Robotics  
Bachelor of Mechatronics  
Engineering (Honours), 2016





# CAREER-READY STUDENTS



## **DIVYA, INDIA** **MASTER OF ARCHITECTURE**

Divya gained valuable work experience as part of her studies, collaborating with award-winning architect Peter Stutchbury on a community childcare-centre project in Brazil. Seeing the happiness that the project created in the community was a personal highlight, and Divya found that through the experience she gained a better understanding of the language of architecture which will help her in the future.



## **DUANDUAN, CHINA** **BACHELOR OF BUSINESS AND MASTER OF MARKETING**

While studying marketing, Duanduan gained practical experience through an internship and work placement. Through the China Connect network she became a Project Officer at the Confucius Institute, and also became a Support Assistant for international students with the UON Global team at the University. She credits those experiences with helping her to better understand Australian work culture, as well as improve her business and English communication skills.



## **JENIL, INDIA** **BACHELOR OF CIVIL ENGINEERING (HONOURS)**

It was the state-of-the-art research facilities, combined with a distinguished and dedicated engineering faculty, that attracted Jenil to study at the University of Newcastle. He believes the high-level access to research labs and design studios, as well as the internship opportunities gave him a significant advantage. He now has plans to help take his father's civil construction business to the next level, by having a global approach to critical civil infrastructure.



## **WEI JUEN LIM, MALAYSIA** **BACHELOR OF SPEECH PATHOLOGY (HONOURS)**

Wei Juen Lim gained valuable work placement experience in Shenzhen, China. It was part of the world-class speech pathology training program offered at the University of Newcastle, in partnership with OST Limited in China. She provided direct interventions for a range of children living with disability and she also helped to deliver two workshops. It has opened new opportunities for her since and helped her adapt to new clinical environments easily.

Scan to read more student highlights.



# GLOBAL IMPACT STARTS WITH YOU

Our University is home to Australia's only United Nations Institute for Training and Research (UNITAR) accredited International Training Centre for Authorities and Leaders (CIFAL) institute.

You can study electives aligned to the United Nations Sustainable Development Goals and on completion of your elective you will receive a UNITAR certificate.

CIFAL Newcastle is one of 20 United Nations affiliated training centres around the world. It runs training and leadership programs for students, professionals, government officials and members of the community.

The CIFAL Global Network's mission is to advance the 17 United Nations Sustainable Development Goals and address global challenges, such as the eradication of poverty and hunger, gender equality, environmental sustainability and risk reduction of natural disasters.

Our Master of Disaster Resilience and Sustainable Development degree is delivered through CIFAL.



## CIFAL NEWCASTLE IS THE ONLY UNITED NATIONS AFFILIATED TRAINING CENTRE IN AUSTRALIA



There are a number of study programs, CIFAL electives and workshops that students can choose to pursue. For more information about CIFAL and the United Nations Sustainable Development Goals.



scan to learn more.



# LEARN TO LEAD

iLEAD Plus is a global-facing leadership development program which aims to inspire you to develop and advance your unique leadership goals.

Share ideas, gain experiences that cross over into other disciplines and collaborate and learn in a fun, diverse and supportive community. We help guide you through different stages of practical workshops, professional placement and local, regional or global challenges. We also partner you up with an established professional mentor for support and to help you further your professional aspirations.

Students build skills around:

- new media and virtual collaboration
- developing influential relationships
- leveraging and valuing diversity
- growing an entrepreneurial mindset
- being a global citizen
- team dynamics and positioning.

Expand your networks around the world, increase your visibility with employers, and share in meaningful global experiences with iLEAD Plus. This program is suited for students from any discipline and level of study who want to become global citizens and well-prepared leaders of tomorrow.



Scan to learn more about how iLEAD Plus can help you develop your leadership skills.



**Noel, Kuwait**  
Bachelor of Computer Engineering (Honours)

“iLEAD Plus has proven to me that, within ourselves, we are all great leaders and we need to nurture that and keep getting better at what we do first, in order to reach our goals and dreams as an individual.”



“Through iLEAD Plus, and with the help of my mentor, I was able to focus on goals that could prepare me personally and professionally for a better future. I will forever cherish what iLEAD Plus has done for me and now it is time for me to pay it forward.”

**Marby, Philippines**  
Master of Human Resource  
Management, 2018

# RESEARCH EXCELLENCE

Studying at the University of Newcastle, you will be immersed in world-leading research. We are currently researching new treatments for stroke patients, inventing technology to help native species avoid extinction, and fighting global water shortages by creating water from air. These important challenges and more are being solved here in Newcastle.

The University of Newcastle has a strong network so that researchers, industry groups, startups and government partners can collaborate better. It also helps protect the intellectual property of researchers and gain more commercial benefit.

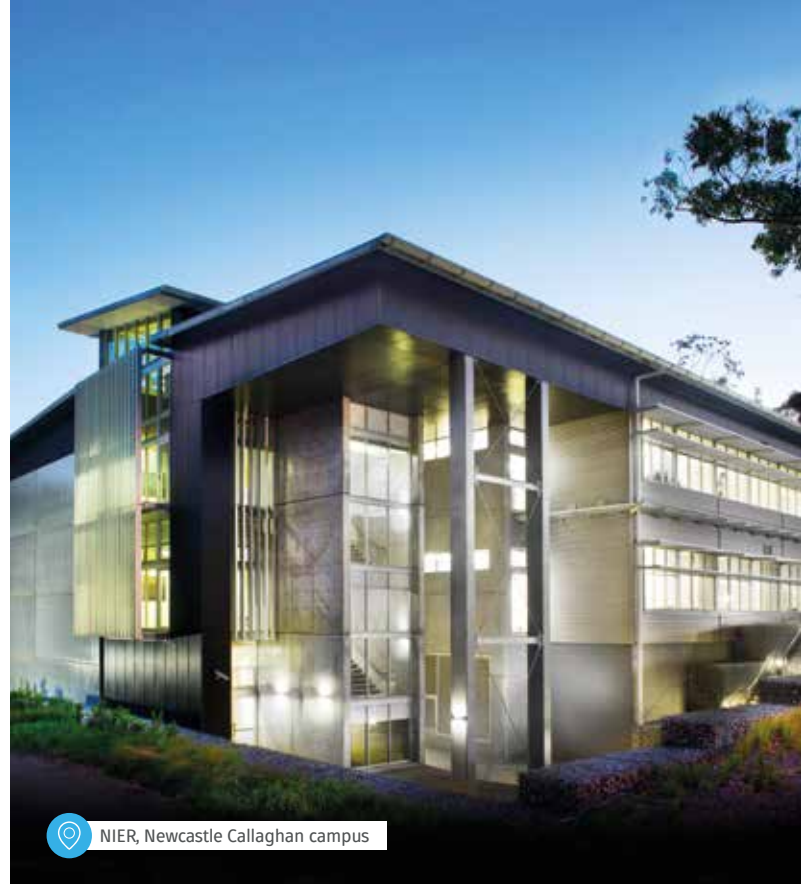
**Now is the time we can make a real difference, to our communities, our economies and our planet.**

As part of the focus on Next Generation Resources, the University is researching challenges with sustainable hydrogen energy. This work will lead to more jobs and investment in the region and help create a clean energy future for our planet.

Our research institutes that already have real-world impact include:

## HUNTER MEDICAL RESEARCH INSTITUTE (HMRI)

HMRI is a multidisciplinary partnership between the University of Newcastle, Hunter New England Local Health District and the community. More than 1,500 researchers, clinicians, students and staff work together to develop innovative solutions to community health needs. From neuroscience and mental health, through to cancer, reproductive health, respiratory disease and more, the research carried out at HMRI leads to better clinical care, more competitive commercial products and improved healthcare guidelines.



NIER, Newcastle Callaghan campus

## NEWCASTLE INSTITUTE FOR ENERGY AND RESOURCES (NIER)

NIER brings together leading researchers to address regional and global challenges facing resource sustainability, productivity and competitiveness associated with energy and resource infrastructure. The University's flagship research institute comprises of extensive mineral, chemical and related technical laboratories, industrial-scale pilot plant workshops, large scale demonstration units and modern offices for more than 300 staff, students and industry partners. NIER delivers solutions across four thematic research areas:

- Resource Productivity and Efficiency
- Energy Technologies and Utilisation
- Advanced Materials for Industrial Innovation
- Land, Water, Social Impacts and Sustainability.



Scan to see what our researchers are currently exploring.



## TOP 8

in Australia for research 'well above world standard'<sup>1</sup>

## 95%

of our research is 'at' or 'above world standard'<sup>1</sup>

## 100%

of our STEMM research is 'at' or 'above world standard'<sup>1</sup>



# WATER FROM AIR

"At any given time there is enough water in the atmosphere to meet the needs of the world's population for one year."

**Professor Behdad Moghtaderi**  
School of Engineering



## GENERATING WATER FOR OUR GROWING WORLD

Professor Behdad Moghtaderi and his research team are helping solve one of the world's biggest challenges – global water shortages.

They designed the 'Hydro Harvester', an atmospheric water generator (AWG) that can extract drinkable water from air at a cost of less than five cents per litre. Unlike other AWGs, it works in almost any climate and is cheap to both produce and run making it suitable for use in developing countries.

By 2025, it's estimated that 1.8 billion people will live in regions with absolute water scarcity. Professor Moghtaderi believes atmospheric water generation is part of the solution.

The Hydro Harvester absorbs water from the air at night using silica gel. During the day, solar energy or waste heat is used to produce hot humid air. The hotter the air the more water it holds. This hot air is cooled using ambient air as a heat sink to extract water for drinking or irrigation.

The Hydro Harvester received government funding to develop the prototype and is currently on track to enter commercial trials. Based at NIER, the University's Hydro Harvester project team is run by Research Associate Dr Andrew Maddocks and also includes Associate Professor Elham Doroodchi, Dr Priscilla Tremain and Dr Cheng Zhou.



Scan to learn more about the Hydro Harvester.

# INSPIRED TEACHING

Years from now, you may not remember the classrooms, or the amazing facilities, but you will remember the lessons you learned from our inspiring academics.

We pride ourselves on offering you high-quality teachers that can guide you on your learning path. Many of our alumni choose to keep in touch with their teachers and find their combined networks valuable throughout their lives.

## Dr Amy Maguire

Associate Professor, Newcastle Law School  
Recipient of Australian Award for University Teaching, 2019

## LEADING THE WAY IN PROTECTING HUMAN RIGHTS

Dr Amy Maguire is passionate about legally exploring self-determination, or the human rights of people to determine their political, social, cultural and economic future. She regularly engages in controversial public debates, providing legal commentary around several key areas including refugees, asylum seekers, Indigenous rights, and capital punishment.

Currently she is collaborating with Dr Jeffrey McGee at the University of Tasmania, on how the right to self-determination can help shape official responses to climate change, a world-first approach.

She was awarded the 2019 Australian Award for University Teaching, one of just seven awards given out nationally in the Law, Economics, Business and Related Studies category. The national awards recognise the influence that tertiary educators have on learning experiences and outcomes of university students.

"Self-determination is a concept that we can draw on from the past that has real applications in the present, given the large number of people who are already starting to seek refuge from environmental change in neighbouring countries. When these people are relocated, a number of legal questions arise such as their right to remain together, to maintain their identity, or maintain some forms of sovereignty."

Dr Maguire, Associate Professor

### Qualifications:

- PhD (Law), University of Newcastle
- Bachelor of Arts, University of Newcastle
- Bachelor of Laws (Honours), University of Newcastle.

Scan to learn more about our Law degrees.





## BUILDING A BETTER LIFE THROUGH EDUCATION

Although both of Professor Ajayan Vinu's parents were illiterate, they had a passion and determination to support their children. It was the push from his parents that drove him to pursue a better life.

His academic career began in India with an undergraduate degree in Chemistry, and later a Master of Chemistry from Manonmanium Sundarnar University. After obtaining a prestigious doctorate fellowship on immobilising biomolecules in a nano-porous system in Germany, he went on to further respected positions in Japan and Australia, including International Young Scientist Fellow and Future Fellowship.

**“My father always said education is the building block for everything and I am very thankful to have been given the opportunities he himself was never given. I've achieved a great deal and now I want to give back to society.”**

Professor Vinu, Director of Global Innovative Centre for Advanced Nanomaterials

As Director of the Global Innovative Centre for Advanced Nanomaterials at the University of Newcastle, he oversees translating basic materials research into real-world products. Collaborating with leading researchers and groups around the world, he leads the teams to develop innovative materials and technologies.

The Centre also improves the performance of nanotechnology materials by tuning surface functionalities, structure, morphology and textural properties to help in the areas of carbon capture and conversion, solar and fuel cells, catalysis, biotechnology, drug delivery, water treatment, and sensors.

In 2019, Professor Vinu was awarded the highly coveted C.N. Rao Distinguished Lecture on Nanoscience and Nanotechnology at the Indian Institute of Technology Bombay (IIT) in Mumbai – the highest ranked university in India.

He is ranked as one of the top 15 researchers in the world in the field of nano-porous materials by Science Watch, and holds more than 30 national and international patents, proof of his innovative approach.

Qualifications:

- Doctor of Philosophy, Anna University
- Master of Science (Chemistry), Manonmaniam Sundaranar University
- Bachelor of Science (Chemistry), Manonmaniam Sundaranar University.



Study a Master of Materials Science and Engineering to learn from Professor Vinu.



NIER, Newcastle Callaghan campus

**Professor Ajayan Vinu**  
 Director of Global Innovative  
 Centre for Advanced Nanomaterials  
 School of Engineering  
 Ranked as a top 15 researcher  
 in the world for nano-porous materials

# ENGLISH LANGUAGE PATHWAYS

Our award-winning English Language Centre offers a range of language and literacy pathways for international students, including:

- English Language Intensive Courses for Overseas Students (ELICOS)
- Award-winning Student Experience programs
- Tailored study tour and short-term English courses for individuals or groups
- International English Language Testing System (IELTS) Test Centre and Preparation Courses.



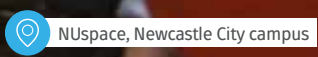
## TOP 3

English Language School in Australia<sup>1</sup>



## TOP 6

English Language School in the World<sup>1</sup>



<sup>1</sup> English Language Training Barometer 2018 (rated by more than 19,000 students from 160 English Language centres around the world)



## ELICOS

If you have not met the English Language Proficiency requirements of your degree program, ELICOS programs at our Sydney or Newcastle Callaghan campuses can help you lift your English language skills. Each course lasts for ten weeks and commences every five weeks. It is okay if you need a little more time to develop your skills to the level required by your study program and we cater to all levels of English. ELICOS is accepted by all Faculties as a pathway into your chosen degree, and a great foundation for success in your tertiary studies.



ELICOS Tuition Fee of A\$470 per week.

Scan for more information about ELICOS.

# 15 STUDENTS

on average per class

## IELTS

As the global standard for professional or academic English, this test will measure your English capabilities and provide you with an overall score. IELTS is the global standard in English for study, work and migration purposes. Our English Language Centre at the Newcastle Callaghan campus is the only IELTS facility in the Newcastle and Hunter Valley region. We can help you prepare through our 20-hour IELTS intensive study preparation courses and we also offer a free IELTS Masterclass throughout the year to help students prepare for the test, particularly if they are aiming for a score above six.

## STUDENT EXPERIENCE PROGRAM

Learn Australian culture by experiencing it around Newcastle through a free award-winning passport-style program. It encourages you to break down cultural barriers and engage in a meaningful way with the community. You will get to know the campus and city better, make new friends and improve your English skills through volunteer opportunities, friendship programs, speed conversations and 'meet-and-greets' with local Australians.



**Explore**  
the Australian lifestyle



**Volunteer**  
to build your resume and portfolio



**Practise**  
your English outside of class



Join our  
**University Community**



**Orientate** yourself and settle in

# 20 HOURS

face-to-face lessons per week



NUspace, Newcastle City campus

# OTHER PATHWAYS TO UNIVERSITY

Newcastle International College (NIC) offers international students various pathways into almost every undergraduate degree at the University of Newcastle.

Classes are smaller in size to help you have more personal attention from the lecturer and adjust to studying at an Australian university.



THE UNIVERSITY OF  
NEWCASTLE  
AUSTRALIA

The Foundation Program is equivalent to Year 12 of an Australian high school, and leads to the First Year of almost 100 undergraduate degrees. There is also a Foundation Program for Medicine which leads to the Bachelor of Medical Science and Doctor of Medicine degree (see page 73), and is one of the only medicine pathway programs for international students in Australia.

NIC offers five Diploma programs that are equivalent to the First Year at the University. Upon successful completion of the Diploma, students directly enter the Second Year of the relevant degree.

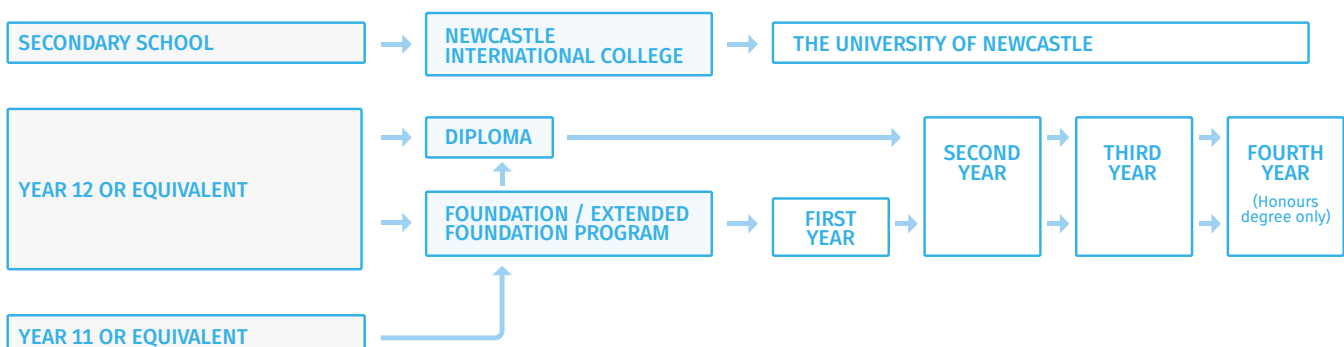
Commencing in October 2020, NIC will offer a Pre-Masters Program which will offer a pathway to students who miss direct entry requirements for selected Masters level degrees at the University of Newcastle.

Students who do not meet the admission requirements for direct entry to the University of Newcastle degrees may be eligible for a pathway program at NIC. Students who have completed some international schooling systems will need to complete an NIC program before progressing to a degree at the University. English proficiency requirements for NIC entry are slightly lower, but students can also be packaged with the University of Newcastle English Language Centre before they commence NIC studies.




Scan for a full list of entry requirements.

## YOUR PATHWAY TO THE UNIVERSITY OF NEWCASTLE







 NUspace, Newcastle City campus

## HELPING NEW INTERNATIONAL STUDENTS GET HIRED

Newcastle International College developed the Hire Me Project to help international students commencing studies, connect with part-time work opportunities in Newcastle.

Offered three times a year shortly after orientation, you will be mentored by experienced staff through resume writing workshops, confidence-building exercises and practice interview experiences before you meet real hiring managers in short introductory sessions. We help you make the most out of our strong connections with local businesses and help provide you with one of the best student experiences in Australia.

While employment directly through the initiative is not guaranteed, you will get to expand your business networks. Employers often arrange second interviews after the introductory sessions.

## NEWCASTLE INTERNATIONAL COLLEGE CLASSES COMMENCE

2020	2021
-	22 February
-	5 April*
22 June	22 June
19 October	25 October

\*(Foundation Program for Medicine only)



## VANSHIKA'S PATHWAY

While studying at school in India, Vanshika considered herself a shy student, who would always sit at the back of the classroom and prefer not to get involved. Studying at the Newcastle International College has helped her to branch out, be more confident, and learn more about Australian culture in a friendly environment.

**“A year ago, I would have been too anxious to go straight to university. But with supportive teachers and small class sizes, the Newcastle International College felt a bit like a family.”**

For Vanshika, living in Newcastle has been a great experience and she loves the friendly people, and the beaches. Being surrounded by nature, has helped her to be more focused when studying. She also enjoyed a weekly English practice session, organised with other classmates, who quickly became her new friends.

**“I’m much more confident now. I really like who I’ve become, and can’t wait to start my degree at the University.”**

**Vanshika, India**  
Foundation Program, NIC  
Bachelor of Environmental Engineering

# LIVING WITH US

The University of Newcastle makes it very easy for students to adjust to university life, whether you choose to live on or off campus. We have a dedicated support team to help students adjust to a new country and studying in Australia. You will make friends quickly with many academic, social and sporting activities each week.



## LIVING ON CAMPUS

Why do more than 1,700 students choose to stay at facilities provided through Student Living every year? It is because we provide great experiences for students on campus.

Students can choose from nine different residences located across our Newcastle Callaghan and Central Coast campuses.

With self-contained apartments, dormitory-style shared accommodation or apartment towers with a cinema, communal commercial kitchens and music rooms, we have many options for student living.

Weekly prices range from **A\$175 (non-catered) through to A\$510 per week (catered)**. See page 35 for details.

Our catering suppliers have Halal certification and can cater for Halal, Kosher or other dietary requests.



Scan for more information.



### WE ARE NO. 1

Housing Operation of the Year, 2017 and Excellence in Customer Service, 2019<sup>1</sup>



### SAFE AND SECURE

24 hours / 7 days a week security onsite and free security shuttle



### LEADERSHIP DEVELOPMENT OPPORTUNITIES

We employ at least 70 students every year through Student Living



### STUDY SUPPORT

Dedicated study spaces and mentor-run sessions



### HEALTH AND WELLBEING SUPPORT

Counselling, clinic visits, yoga and meditation



### RESIDENTIAL MENTORS

Support from fellow students living on campus



### 4 TYPES OF LIVING ENVIRONMENTS

Lifestyle, Gender, Postgraduate and General



### RESLIFE PROGRAM


Award-winning program of social activities<sup>2</sup>

<sup>1</sup> Housing Operator of the Year 2017, Excellence in Customer Service 2019, Asia-Pacific Student Accommodation Association (APSAA)  
The Housing Operator of the Year category was not awarded in 2018 or 2019 and has been discontinued from 2020


<sup>2</sup> Excellence in Student Experience 2016, Asia-Pacific Student Accommodation Association (APSAA)





 Newcastle Callaghan campus



 Newcastle Callaghan campus


## LIVING OFF CAMPUS

If you would prefer to live off campus, we have a service that can offer free advice to students about shared housing as well as access to a database of current rooms, apartments and houses available to rent.

## HOMESTAY

Homestay connects students with local families to live in a home environment. Your host family provides not only accommodation, a furnished room, and daily meals, but also a great opportunity to practise your language skills at home.



 Newcastle Callaghan campus

## NOT SURE WHAT TO EXPECT?

Follow our social channels to see what student life can be like on campus at;



UON Student Living



uonstudentliving



uonstudentliving



Scan to look at our accommodation options.




# COST OF LIVING


Before granting a student visa, the Australian Government Department of Home Affairs – Immigration and Citizenship will require you to show or declare that you have enough funds to pay for your expenses while in Australia.

The Australian Government requires international students have a minimum of A\$21,041 to stay in Australia for 12 months<sup>1</sup>.



 Newcastle Callaghan campus



 Newcastle Callaghan campus

## HOW DOES NEWCASTLE COMPARE WITH SYDNEY, MELBOURNE OR BRISBANE?

The good news is that Newcastle is more affordable when compared with most Australian capital cities across categories including groceries, leisure activities and accommodation\*.

**FOR ACCOMMODATION, NEWCASTLE IS:**




- 60%** cheaper than Sydney
- 22%** cheaper than Melbourne
- 6%** cheaper than Brisbane

\*Prices sourced from Cost of Living comparisons at [budgetdirect.com.au](http://budgetdirect.com.au)

<sup>1</sup> The Department of Home Affairs has financial requirements international students must meet in order to receive a student visa for Australia. As of October 2019 the 12-month living costs are; A\$21,041 for students for guardians, A\$7,362 for partners coming with you and A\$3,152 for a child coming with you. Education and Living Costs in Australia, Australian Government





 Darby Street, Newcastle

	<b>INDEPENDENT LIVING OFF CAMPUS</b>	<b>HOMESTAY</b> Only available through Newcastle campuses	<b>UNIVERSITY OF NEWCASTLE ON-CAMPUS STUDENT LIVING</b>	
	SHARED OR SINGLE OCCUPANCY (incl. bedroom, apartment, and house options)	SINGLE OCCUPANCY (incl. personal furnished bedroom, shared facilities with family, inclusion in family activities)	SHARED OR SINGLE OCCUPANCY SELF-CATERED (incl. bedroom and apartment options)	SHARED OR SINGLE OCCUPANCY CATERED (incl. bedroom and apartment, options)
<b>Weekly Costs</b>				
Accommodation (per week)	\$100 to \$440	\$250 to \$290 Cost depends on meal package <sup>^</sup>	\$175 to \$385	\$320 to \$510 Includes university meal packages
Internet	\$5 to \$10	\$10	\$0 (included)	\$0 (included)
Phone	\$5 to \$10	\$5 to \$10	\$5 to \$10	\$5 to \$10
Gas and Electricity	\$10 to \$20	\$0 (included)	\$0 (included)	\$0 (included)
Food (groceries and eating out)	\$140 to \$280	\$50 to \$155 In addition to above meal packages	\$140 to \$280	\$50 to \$150 In addition to above meal packages
Transport to University	\$30 to \$60	\$30 to \$60	\$0	\$0
<b>Average Weekly Total</b>	<b>\$290 to \$820</b>	<b>\$375 to \$820</b>	<b>\$320 to \$675</b>	<b>\$375 to \$672</b>
<b>Total Cost Per Year</b>	<b>\$15,080 to \$42,640</b>	<b>\$17,940 to \$27,300</b>	<b>\$16,640 to \$35,100</b>	<b>\$18,460 to \$35,100</b>

<sup>^</sup> Homestay Meal Packages: cost depends on choice of 16 or 21 meals per week and if student is under or over the age of 18

The costs above represent a range depending on individual living preferences or location (Newcastle, Central Coast, or Sydney). More detailed accommodation information is available via QR code. All costs above are in AUD and are provided as a guide only. On-campus costs are based on 2020 rates and for a standard stay contract. These are subject to change. For the most up-to-date fees, please visit our website.

### ADDITIONAL COSTS TO CONSIDER INCLUDE:

- Airfares
- Tuition – see annual fee per full degree – varies per program
- Course materials and books – varies per program
- Personal items – bedding, laptops, motor vehicles, additional phone and internet data
- Furniture – if renting off campus
- Overseas Health Insurance (per year)
- Student Visa
- Student Services and Amenities fee (per year).



Scan to explore the on-campus room options

# ARRIVALS AND ORIENTATION

The first few days in a new country and on campus can be overwhelming. Here are some tips to help ease you into your new university life.

## BEFORE YOU ARRIVE

Australian Government information about travel, visas, arrival customs and laws affecting international students can change frequently. Our team can help keep you aware of some of these changes through our updates. Connect with us for updates and useful information.

## TRANSFERS FROM AIRPORT

We can arrange free transportation from Newcastle Airport, or any train station on the Newcastle or Central Coast lines to your accommodation. Look for the International Student Desk at Sydney Airport for more information, to arrange other direct transfers from Sydney, and to help get you to where you need to be.

## ORIENTATION 'O-WEEK'

For new undergraduate students, the week before classes commence is a time to learn all about your new home for the next few years. At O-Week, you can join a campus tour, attend an information session about your study program, grab your student card and check up on your enrolment details. You can get to know the libraries, sign up to groups at our Clubs and Societies Expo, attend various workshops and receive useful free items around campus. We have many fun events and activities where you can meet new friends and classmates.

Postgraduate students can attend specific orientation programs that are more customised to their field of study.

## EXCURSIONS

We offer sight-seeing excursions to Sydney as well as beach safety and learn-to-surf days at the Central Coast and Newcastle. We also offer excursions for wildlife encounters as well as welcome dinners and lunchtime information sessions to help you settle into your new home.



## HARSIMRANJEET, INDIA

Harsimranjeet decided early on to challenge himself and learn something new every day, both in and out of the classroom. He embraced university life, exploring clubs and societies by joining the Diving, Mountaineering, Snow Sports and Surfriders clubs. He also became the president of the Sikh Society on campus in 2019. His advice to other students is to get involved and try it while you can, as the equipment hire costs and club membership fees are very affordable.



# MEET NEW PEOPLE

## CLUBS AND SOCIETIES

With more than 100 clubs, societies and social groups, there is plenty to do on and off campus. Challenge yourself, or just have fun, with a range of clubs below:

- Academic and degree-based clubs
- Charity and philanthropy clubs
- Cultural clubs – 20 clubs from countries and regions around the world that are open for all to join and learn from
- Fun, social and special interest clubs
- Political and social justice clubs
- Spiritual, philosophical and faith clubs
- Sporting and exercise clubs – more than 25 sports to get involved with at The Forum.



Scan to explore the clubs and societies.



Image credit: Denis, India

## GAMES FOR OVERSEAS AND LOCAL STUDENTS AND STAFF (GOALSS)

Keep fit, have fun and meet new friends through GOALSS – a social sports program where you can play a range of sports with other international and domestic students and University staff at Callaghan campus.

## CHEAP CHEWSDAY

Cheap Chewsday is a multicultural feast held on the first Tuesday of each month. Hosted by a different international student club each month, they prepare a meal with dishes from their home country. It is a great opportunity for international students, the University staff and the local community to come together and share a meal for less than \$2 each.

## NUMATES

NuMates is a fun activities program for international and domestic students to get to know Newcastle and meet new people from around the world. You will partner with a small group of fellow students from globally diverse backgrounds as you explore Newcastle and surrounds, creating lasting memories and great friendships.

## PRACTICE ENGLISH SESSIONS

Across our campuses, you can meet up and practice English with other students, with Sydney English Corner, or through the English Language Centre at Newcastle.

Image credit: Malou, Philippines



Image credit: Malou, Philippines



# GET TO KNOW YOUR CAMPUS

Student Central is your first point of contact on campus for help and advice on almost anything student related; information about your degree, help with online forms, submitting or collecting assignments, student events and much more. They are located at our Central Coast and at both campuses in Newcastle.



## UNIVERSITY OF NEWCASTLE STUDENT ASSOCIATION (UNSA)

UNSA is the student association at the University, representing and supporting undergraduate and postgraduate students at all campuses.

The Association provides welfare and support services, academic and life skills workshops as well as social activities and recreational opportunities.

International students are also specifically represented by the International Students' Senate within UNSA

## ACROSS OUR CAMPUSES

Several facilities across our campuses are available to help make student life easier. These include:

- Cafés, Restaurants and Bars
- Bank
- Medical Centre
- Pharmacy
- Book Shop
- Childcare Services
- Counselling
- Post Office
- Prayer Rooms
- Student Kitchens.

## LIBRARIES

Our libraries are designed to be spaces where you can learn, research, explore and create. Our libraries at Newcastle Callaghan, Newcastle City and Central Coast campuses have spaces open 24 hours every day. In Sydney our library is open until 10pm on weekdays, and until 5pm on Saturdays. At each library you can ask staff for assistance and find spaces to collaborate or meet as groups, as well as quiet zones for focused individual study.

## AFTER HOURS SUPPORT

International students can access an after-hours phone hotline for times when the Student Central is closed. Phone 1800 081 233 within Australia.

## ACCESSIBILITY SERVICES

The University has a range of services to enable students living with disability or medical condition to access support across our campuses.

## GETTING AROUND



Free regular shuttle buses connect Newcastle Callaghan and Newcastle City campuses. There are also shuttle buses to local shops provided for residents on campus at Newcastle Callaghan. All campuses are connected to local bus networks.



At Newcastle Callaghan there are bike hubs where cyclists can store or make repairs to their bikes.



The nearest train or tram stops to our campuses include:

- Newcastle Callaghan (Warabrook)
- Newcastle City (Civic)
- Central Coast (Ourimbah or Gosford)
- Sydney (Martin Place or Wynyard).



# STUDENT SUPPORT

We provide support for students from every background including; students under the age of 18, LGBTQIA+ students, Indigenous students and international students.



## SALWA, INDONESIA

PhD student in Education and 2019 Study NSW CISA Conference Equity Scholarship recipient

Salwa is very active on campus with a number of clubs and societies. She is part of the University of Newcastle Islamic Society and UON Book Club, and has volunteered at Harmony Day, Ramadan Iftar, the University's Open Day and tutoring at Wollotuka Institute. Beyond the University, she's also part of the Australian Indonesian Community and the Indonesian Students Association in Australia.

For Salwa, volunteering makes her happy in a way that paid work cannot. Her interaction with other international students has also helped her to break down many cultural barriers.

## ACADEMIC SUPPORT

Student Central can provide you with information about your enrolment, academic progress, visa rights and responsibilities. Download the **MyUON** app for the latest information about university life. Our specialised team of Learning Advisors offer hints and tips, workshops and resources to help students learn more effectively, including English language support.

## PEER STUDY SUPPORT

If you want to compare notes, discuss difficult concepts and review weekly material with other students, the Peer Assisted Study Sessions (**PASS**) can help. They are held face-to-face or online throughout the year.

## HEALTH SUPPORT

A medical centre is located at both Newcastle and Central Coast campuses. In addition to this, the Newcastle campus has a pharmacy (for fast prescriptions, travel medicine and general supplies), a physiotherapy clinic, and a pathology service for blood tests. The Central Coast campus has an oral health centre that provides services including oral examinations, oral hygiene, periodontal treatment and preventative treatments.

## COUNSELLING

Our Newcastle and Central Coast campuses have professional psychologists and social workers available for free individual sessions to help you with personal or study-related issues. If you are at our Sydney or Singapore campus or study online, you can access a range of free online counselling options.

## RELIGIOUS SUPPORT

For students with religious beliefs, spiritual care and support can be found through the University's Chaplaincy team. The team of Chaplains includes representatives from the Baha'i, Buddhist, Christian (multiple denominations), Muslim and Sikh communities. There are prayer facilities located across our campuses.

## CAREER SERVICES

You can access advice to help make decisions about your future career, as well as develop your job search skills through workshops, practice interview sessions and creating or updating your resume. You can also learn the valuable skill of how to pitch to employers about your skills and value in less than a minute.

# STAY CONNECTED

Our global alumni network is creating positive change across the world. You will be able to expand your professional and personal networks, take advantage of exclusive opportunities and embrace lifelong learning.

## NONI, INDONESIA

Honorary Degree - Doctor of Letters, 2019  
Bachelor of Engineering, 1995

Noni is no stranger to handling many issues at any one time. As the CEO of Indonesia's largest taxi fleet and transportation service, the Blue Bird Group, she is responsible for more than 39,000 vehicles and 50,000 drivers and staff to serve millions of customers every month.

She credits her early experience working as a radio DJ at the University's radio station, 2NURFM, as helping shape her ability to multitask. Learning to structure her thoughts and present them, at the same time as working the mixing desk, microphones, CD players and monitors was no easy feat.

She says her time in Newcastle helped her to build a growth mindset, be more tolerant, think differently and be more independent. Her proudest career moment to date has been to empower 40,000 wives of her drivers to run their own small businesses from home and tap into the booming world of e-commerce in Indonesia. In 2019 she was recognised with a National Leadership Alumni Award and a Doctor of Letters *Honoris Causa*.



Scan to learn more about Noni.





Caik Leng Chua, Malaysia  
Bachelor of Design (Architecture), 1987

## ALUMNI ARCHITECTS IN ACTION

University of Newcastle alumni Caik Leng Chua and LP Yap run a successful architectural practice in Kuala Lumpur. When looking to recruit, they turned to the University of Newcastle to find their next talented architect, Nur Saliza Zakaria.

One thing they all have in common is that they appreciate the practical way the University helped prepare them for the challenges of a career in architecture.

Caik Leng Chua remembers keeping a 'journal of an actual construction site' for a year and the insights it gave him about materials and the reality of construction. For Nur Saliza Zakaria, it was additional classes that helped develop her confidence and presentation skills that really have helped her career. In Malaysia, this is one alumni team to watch out for.

## ACTIVE ALUMNI NETWORKS

- Asia (China, India, Indonesia, Hong Kong, Korea, Malaysia, Singapore, Thailand and Vietnam)
- Europe
- Africa
- North and South America
- Australia

# 148,000+

Alumni based in 144 countries<sup>1</sup>



Scan to learn more about Caik.

# GLOBAL EXPERIENCES

The University of Newcastle regularly hosts students from overseas for semester or short term study experiences and supports international students to study abroad as part of their education through numerous exchange partnerships we have with universities around the world.



**Bec, Bachelor of Communication**  
Bagan, Myanmar



On route to the floating villages on Inle Lake  
[#UniNewcastle](#)



**Julia, Bachelor of Business**  
Rizhao, China



A lovely bunch to travel to China with   
[#UniNewcastle](#)



**Skye, Bachelor of Communication**  
Jakarta, Indonesia




Exploring the streets of Jakarta with my new friends [#UniNewcastle](#)

**180 PARTNERSHIPS IN 32 COUNTRIES**

for student exchange and study abroad programs





 NUspace, Newcastle City campus

# INTAKE KEY DATES

2020	COMMENCES	LAST DAY TO ADD A COURSE*	RECESS	CONCLUDES
TRIMESTER 1	28 January	7 February		17 April
SEMESTER 1	24 February	6 March	13 April – 24 April	5 June
TRIMESTER 2	11 May	22 May		31 July
SEMESTER 2	20 July	31 July	28 September – 9 October	30 October
TRIMESTER 3	24 August	4 September		13 November

\*Last day to add a course through MyHub without approval

2021	COMMENCES	LAST DAY TO ADD A COURSE*	RECESS	CONCLUDES
TRIMESTER 1	25 January	5 February		16 April
SEMESTER 1	22 February	5 March	5 April – 16 April	4 June
TRIMESTER 2	10 May	21 May		30 July
SEMESTER 2	19 July	30 July	20 September – 1 October	29 October
TRIMESTER 3	23 August	3 September		12 November

\*Last day to add a course through MyHub without approval

\*\* Dates as at 20 March 2020. Dates indicated do not factor in exam periods

# FACULTY OF BUSINESS AND LAW

We help prepare you for careers in: Accounting, Finance, Human Resources, International Business, Tourism, Marketing, Entrepreneurship and Innovation and Law.

Located at NUspace, our state-of-the-art facility in the heart of Newcastle's central business district, this dynamic learning community offers comprehensive degrees, real-world experiences and industry collaboration at a local, national and international level.

Our Business School is among the best in the world, recognised by employers globally for its high-quality teaching and accreditation with the Association to Advance Collegiate Schools of Business (AACSB).

We partner with many business and organisations, including the Hunter Water Corporation, Greater Bank, the Port of Newcastle and legal firm Sparke Helmore to provide students with Work Integrated Learning experiences with some of the region's largest employers. A range of free legal clinics offer our students the chance to begin by offering advice to members of the public, under the supervision of

qualified legal experts. Our 'Law on the Beach' clinics, located at Newcastle's main beaches are a popular option for young people to get free legal advice. Real cases, real people and real experience for students.



**AACSB  
ACCREDITED**

Our Business School holds AACSB Accreditation, earned by fewer than 5% of the world's business programs



Scan to learn more about the Faculty of Business and Law.



**TOP 175**

in the world  
Business and Economics<sup>1</sup>



**TOP 150**

in the world Business and  
Business Administration<sup>2</sup>



**No 1.**

in Australia for overall  
experience in Law<sup>3</sup>

## INDUSTRY PARTNERSHIPS



GreaterBank



sparke  
HELMORE  
LAWYERS

<sup>1</sup> Times Higher Education Subject Rankings 2020

<sup>2</sup> Shanghai Ranking's global ranking of academic subjects 2019

<sup>3</sup> QILT Student Experience Survey 2019





“Teaching students from a diverse range of countries is one of the most exciting aspects of being an academic. I strongly believe that we have to be engaged with the communities that we serve in both teaching and research.”

**Professor Jamie Carlson**  
Assistant Dean, Research and Engagement

## PROFESSOR JAMIE CARLSON

### Assistant Dean, Research and Engagement

Professor Jamie Carlson is the principal supervisor of PhD and Honours programs. He is a leading voice on customer behaviour and the use of digital technology to enhance the customer experience.

Professor Carlson is fascinated by the pace at which technology is changing consumer behaviour so he enrolled in a PhD to pursue research into this rapidly evolving field. He believes in solving research problems that are meaningful and drive impact. His research has contributed to a range of academic journals including the *European Journal of Marketing*, *Journal of Retailing and Consumer Services*, *Journal of Consumer Marketing*, *Journal of Services Marketing*, and many others.

Prior to joining the University of Newcastle, Professor Carlson worked as a Marketing Manager for IBM. He is a co-author of the *Consumer Behaviour (2014)* textbook for Australia, New Zealand and Singapore, has presented at international conferences, and been a guest academic at leading universities around the world.

## BACHELOR OF BUSINESS

<b>CRICOS CODE</b>	001133A
<b>DURATION</b>	3 yrs FT
<b>LOCATIONS</b>	Newcastle – City Central Coast Singapore
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$29,260 2021 A\$30,723
<b>IELTS</b>	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Our Bachelor of Business is dynamic, flexible and industry-engaged and can unlock opportunities across Australia and the world. Gain an in-depth knowledge of contemporary Australian and global business environments. You could work as a marketing manager, sales manager, research analyst or a people leader, within the sports or tourism industry or become an entrepreneur and start your own successful company.

### WHAT YOU WILL STUDY

Choose to major in one or two of the following areas:

- Entrepreneurship and Innovation
- Governance, Policy and Political Economy
- Human Resource Management
- International Business
- Leadership and Management
- Marketing
- Sports Management
- Tourism Management

### PROFESSIONAL RECOGNITION

Accredited through the Australian Marketing Institute (Marketing major) and the Australian Human Resource Institute (Human Resource Management major). The Newcastle Business School is accredited by the Association to Advance Collegiate Schools of Business (AACSB), earned by less than five per cent of the world's business programs.

### CAREER OPPORTUNITES/OUTCOMES

Our graduates go on to have exciting and lucrative careers in the private, government and not-for-profit sectors in Australia and internationally.

Some typical positions include:

- Business Development Manager
- Digital Marketing Analyst
- Employee Relations Manager
- Entrepreneur
- Human Resources Assistant
- International Affairs Officer
- Marketing Coordinator
- Product and Brand Manager
- Project Manager
- Tourism and Events Agent



Scan for more information about this degree. See pages 86-92 for available honours and combined degree options.

## BACHELOR OF COMMERCE

<b>CRICOS CODE</b>	001603J
<b>DURATION</b>	3 yrs FT
<b>LOCATIONS</b>	Newcastle – City Central Coast Singapore
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$29,225 2021 A\$30,686
<b>IELTS</b>	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

From working in a global consultancy, providing economic forecasts for the Reserve Bank or managing finances in the corporate sector, there are so many opportunities offered by a Bachelor of Commerce. Learn about the interplay between the financial, legal, political and economic systems and how these factors influence contemporary business in Australia and around the world.

### WHAT YOU WILL STUDY

You may choose to study one major or two majors from the following:

- Accounting
- Economics
- Finance

### PROFESSIONAL RECOGNITION

Our Accounting major is accredited through CPA Australia (CPA), Chartered Accountants Australia and New Zealand (CA ANZ), Association of Chartered Certified Accountants (ACCA) the Association of International Accountants (AIA) and the Association to Advance Collegiate Schools of Business (AACSB).

### CAREER OPPORTUNITES/OUTCOMES

Our graduates enjoy great employment prospects with 93.8% securing jobs upon completion of their degree<sup>1</sup>. If you find working with numbers stimulating, you could have a lucrative career in a variety of roles such as:

- Accountant
- Auditor
- Economic Analyst
- Financial Analyst
- Investment Banker
- Mortgage Broker
- Policy Analyst
- Risk Analyst
- Stockbroker.



Scan for more information about this degree. See pages 86-92 for available honours and combined degree options.

## BACHELOR OF LAWS (HONOURS)/ DIPLOMA OF LEGAL PRACTICE\*

<b>CRICOS CODE</b>	032798C
<b>DURATION</b>	5 yrs FT
<b>LOCATIONS</b>	Newcastle – City
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$30,290 2021 A\$31,805
<b>IELTS</b>	IELTS overall minimum - 7.0 IELTS section minimum - 6.0
<b>INTAKE</b>	S1
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Would you like to be a lawyer, or join a range of other professions where a passion for justice and attention to detail are key? This course program combines academic studies with hands-on experience working with actual clients at Australia's leading clinical law school, the University of Newcastle Legal Centre. You can combine this with another degree and receive two qualifications in just five years of study.

### WHAT YOU WILL STUDY

When you study at the University of Newcastle, you will graduate with a Bachelor of Laws (Honours)/Diploma of Legal Practice and a second bachelor level degree. You can also do the Diploma of Legal Practice - a compulsory requirement for admission to legal practice - as part of the degree.

You will graduate with skills and experience in:

- advanced legal research
- advocacy
- analytical problem solving
- high-level task management
- negotiation and dispute resolution
- oral and written communication.

### PROFESSIONAL RECOGNITION

Students who choose to complete the Diploma of Legal Practice while studying their combined law degree are able to apply to the Legal Profession Admission Board to practise law in New South Wales without additional further study.

### CAREER OPPORTUNITES/OUTCOMES

Our graduates go on to jobs in a diverse range of areas. Studying law not only prepares graduates for a career in the legal profession, but a huge variety of other roles in sectors ranging from government and business to media and the arts. Some positions include:

- Barrister
- Corporate Lawyer
- Law Clerk/Paralegal
- Legal Aid Lawyer
- Political Advisor
- Solicitor.



Scan for more information about this degree. See pages 86-92 for available honours and combined degree options.

<sup>1</sup> QILT Graduates Outcomes Survey 2017-2019

\* There is no direct entry into this program. Entry is via transfer from Bachelor of Law (Honours) combined degree after completion of the non-law part of your degree.



<b>JURIS DOCTOR/GRADUATE DIPLOMA IN LEGAL PRACTICE</b>	
<b>CRICOS CODE</b>	079631E
<b>DURATION</b>	3 yrs FT
<b>LOCATIONS</b>	Newcastle – City
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$31,785 2021 A\$33,374
<b>IELTS</b>	IELTS overall minimum - 7.0 IELTS section minimum - 6.5
<b>INTAKE</b>	T1, Winter
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
<p>Taught by Australia's premier clinical law school, this course is your entry into becoming a lawyer and provides professional skills that are in high demand across many industries.</p> <p>You will gain the required practical legal training and we arrange the required supervised legal workplace experience for you. This means you can be ready to practise law and start your legal career after three years of full-time study.</p>	

### WHAT YOU WILL STUDY

Through the program you will complete 105 hours of supervised workplace experience within our own legal centre and an additional 180 hours supervised workplace experience through external legal firms.

You will also gain core skills in:

- legal systems
- international law
- torts.

### PROFESSIONAL RECOGNITION

Accredited by the Legal Profession Admission Board (LPAB) of New South Wales, you will gain all of the academic study, practical legal training and supervised workplace experience necessary to apply to practice as a lawyer, subject to the 'fit and proper person' test.

The JD/GDLP is not only accredited in Australia; with some further study it can help qualify you to practise law in a number of other common law countries, including Canada, New Zealand and the United Kingdom.

### CAREER OPPORTUNITIES/ OUTCOMES

Whether you choose to follow a career in the legal system or apply your skills outside the field of law, there are many rewarding career options. Some typical positions include:

- Barrister
- Compliance Officer
- Lawyer (Corporate, Criminal, Environmental, Family, Human Rights, Industrial Relations, Legal Aid, Personal Injury)
- Foreign Affairs and Trade Officer
- Parliamentarian/Member of Parliament/ Politician.



Scan for more information about this degree.

<b>MASTER OF APPLIED FINANCE</b>	
<b>CRICOS CODE</b>	083518E
<b>DURATION</b>	1.5 yrs FT
<b>LOCATIONS</b>	Newcastle – City
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$38,520 2021 A\$40,446
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	T1, T2, T3
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
<p>This program focuses on developing high-level analytical skills that are relevant across the finance sector and also important in other areas of business. Students are armed with the technical skills required to succeed in finance and to become a leader in the global business environment.</p>	

### WHAT YOU WILL STUDY

You will develop a deep knowledge of the operation of financial markets, financial risk management and corporate treasury strategies. You will acquire knowledge of the key institutions within the finance industry, develop analytical skills for the evaluation of investment opportunities, and gain an understanding of financial markets and instruments.

Core courses include but are not limited to:

- Foundations of Business Analysis
- Corporate Finance
- Investment Analysis
- Derivatives and Risk Management
- Applied Portfolio Management
- Financial Statement Analysis.

### PROFESSIONAL RECOGNITION

The Master of Applied Finance is part of the CFA Institute University Affiliation Program, considered the investment profession's prestigious credentialed program.

The Newcastle Business School is accredited by the Association to Advance Collegiate Schools of Business (AACSB), earned by less than five per cent of the world's business programs.

### CAREER OPPORTUNITIES/ OUTCOMES

The theory and financial management skills you will have acquired through the Master of Applied Finance will equip you with the ability to handle complex situations and fast-track your career progression and salary potential in roles such as:

- Finance Manager
- Financial Analyst
- Investment Banker
- Management Consultant
- Portfolio Analyst.



Scan for more information about this degree. See page 94 for available combined degree options.

<b>MASTER OF BUSINESS ADMINISTRATION</b>	
<b>CRICOS CODE</b>	083519D
<b>DURATION</b>	1.5 yrs FT
<b>LOCATIONS</b>	Newcastle – City Sydney Singapore Online
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$38,300 2021 A\$40,215
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	T1, T2, T3
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
<p>Our Master of Business Administration equips professionals with the high level skills and competencies to succeed in senior management roles. It focuses on developing a higher understanding and skills in business management, decision marketing, organisational behaviour, accounting and finance, strategic management and international business.</p>	

### WHAT YOU WILL STUDY

By studying our MBA program you have the opportunity to specialise in one of the following areas:

- Human Resource Management
- Marketing
- Applied Finance
- International Business
- Health Services Management.

Not all specialisations are available at our Sydney campus.

### PROFESSIONAL RECOGNITION

The Newcastle Business School is accredited by the Association to Advance Collegiate Schools of Business (AACSB), earned by less than five per cent of the world's business programs.

AACSB is the premier and longest-standing international accrediting body for business programs and is the international benchmark for excellence in business education.

### CAREER OPPORTUNITIES/ OUTCOMES

Our graduates range from company executives, entrepreneurs and public sector leaders.

The range of opportunities are limitless and include:

- Account Executive
- Business Consultant
- Business Development Manager
- Entrepreneur
- Financial Advisor
- Industry Specialist Manager
- Marketing Manager
- Operations Manager.



Scan for more information about this degree. See page 94 for combined degree options.

## MASTER OF BUSINESS ADMINISTRATION (GLOBAL)

<b>CRICOS CODE</b>	096747G
<b>DURATION</b>	2 yrs FT
<b>LOCATIONS</b>	Newcastle – City Sydney
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$29,770 2021 A\$31,259
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2 - NC T1, T2, T3 - S
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

This program will develop your global mindset and improve skills in business management, decision making, marketing, organisational behaviour, accounting and finance, strategic management and international business. You will gain work experience and build employable skills through a blend of theory and active learning with a compulsory internship. You could reduce your study load by up to a third with prior learning credits.

### WHAT YOU WILL STUDY

You will gain an in-depth understanding of business globalisation and its complex effect on stakeholders, societies and economies and the interpersonal skills to operate across different countries, cultures and contexts. In addition to your core courses you will also have the opportunity to study elective courses in cutting edge areas of interest, including:

- Innovation and Entrepreneurship
- Behavioural Economics
- Change Management
- Business and Climate Change.

### PROFESSIONAL RECOGNITION

The Newcastle Business School is accredited by the Association to Advance Collegiate Schools of Business (AACSB), earned by less than five per cent of the world's business programs.

AACSB is the premier and longest-standing international accrediting body for business programs and is the international benchmark for excellence in business education.

### CAREER OPPORTUNITES/OUTCOMES

You will be prepared to apply your skills in roles such as:

- Account Executive
- Business Consultant
- Business Development Manager
- Entrepreneur
- Industry Specialist Manager
- Marketing Manager
- Operations Manager.

## MASTER OF BUSINESS ADMINISTRATION (GLOBAL)/MASTER OF SCIENCE (DATA ANALYTICS)

<b>CRICOS CODE</b>	0101396
<b>DURATION</b>	2 yrs FT
<b>LOCATIONS</b>	Sydney
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$32,635 2021 A\$34,267
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	T1, T2, T3
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Gain two master's degrees in two years with intensive, practical education to prepare you for a career in a high growth industry.

This program will provide you with the essential knowledge and professional skills to understand and employ appropriate analytics on big data generated from different business processes, across different types of organisations and industries.

### WHAT YOU WILL STUDY

You will develop a global mindset through an in-depth understanding of business globalisation and its complex effect on stakeholders, societies and economies. You will also gain the ability to model real-world situations, to think abstractly and to manipulate, analyse and interpret data.

Enhance your interpersonal skills and learn how to effectively communicate information and insights extracted from data and how to conduct business across countries, cultures and contexts supported on data-driven decision-making strategies. Throughout the degree, you will be provided with important business networking opportunities that expose you to experiences while you study, which could lead to remarkable workplace prospects on graduation.

Your studies will include the following areas:

- globalisation and business
- global financial management
- managing across cultures
- data wrangling and visualisation
- predictive analytics
- data analytics for business intelligence.

### CAREER OPPORTUNITES/OUTCOMES

Through a combined degree in the Master of Business Administration (Global) and Master of Science (Data Analytics) you will gain a diverse skillset in high global demand allowing you to work across borders, industries and boardrooms around the world. Where you take this qualification is up to you.

Potential roles include:

- Global Management Consultant
- Multinational Marketing Manager
- Data Manager
- Data Analyst
- Business Intelligence Analyst
- Data and Insights Expert.

## MASTER OF DISPUTE RESOLUTION

<b>CRICOS CODE</b>	098481A
<b>DURATION</b>	1 yr FT
<b>LOCATIONS</b>	Newcastle – City
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$31,785 2021 A\$33,374
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

The Master of Dispute Resolution will equip you with the techniques and strategies to work in courts, government sector and private sector. Graduates are equipped with advanced knowledge and skills, positioning them at the forefront of a range of industries and government where there is a growing demand for staff with complaint handling and dispute system design skills.

### WHAT YOU WILL STUDY

Choose from eight courses from the following:

- Advocacy Skills
- Advanced Legal Research Project
- Commercial Dispute Resolution
- International Arbitration
- Expert Evidence
- Advanced Communication Skills
- Mediation Skills and Theory
- Conciliation
- Dispute Resolution
- Negotiation in a Legal Context.

### CAREER OPPORTUNITES/OUTCOMES

Our graduates gain specialised skills and knowledge valuable to a variety of career paths including consulting firms, community organisations, educational institutions and government agencies.

Some typical positions include:

- Complaints Expert
- Human Resource Manager
- Independent Dispute Resolution Scheme Manager and senior staff
- Government dispute resolution expert
- Arbitrator
- Mediator
- Conciliator
- Negotiator.



Scan for more information about this degree.



Scan for more information about this degree.



Scan for more information about this degree.



MASTER OF ENVIRONMENTAL LAW	
<b>CRICOS CODE</b>	0100471
<b>DURATION</b>	1 yr FT
<b>LOCATIONS</b>	Newcastle – City
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$34,115 2021 A\$35,821
<b>IELTS</b>	IELTS overall minimum - 7.0 IELTS section minimum - 6.5
<b>INTAKE</b>	T1
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
<p>This program is designed to equip legal and non-legal professionals with specialised knowledge of environmental law, through a unique, professionally-focused and interdisciplinary program.</p> <p>This program equips students with advanced knowledge and skills, positioning them to engage in further education, research and professional development in Australia and across the world.</p>	

### WHAT YOU WILL STUDY

Choose from a range of courses such as:

- Environmental Law
- Law and Economics of Climate Change
- International Environmental Law and Policy
- Sustainable Development and the United Nations (UN) 2030 Development Agenda
- Property Law and Planning Legislation
- Human Rights and Climate Change-Induced Human Displacement
- Disaster Management Policy/Social Considerations
- Government and Disaster Risk Reduction
- Sustainability and Ecosystem Health
- Applied Natural Resources Management.

### PROFESSIONAL RECOGNITION

Our Master of Environmental Law is the only legal postgraduate program in Australia that offers you the opportunity to obtain certification by the United Nations Institute for Training and Research (UNITAR) and/or the United Nations Office for Disaster Risk Reduction (UNDRR).

To obtain co-certification, students must complete specific courses on Government Approaches to Disaster Risk Reduction and Sustainable Development and the UN 2030 Development Agenda.

### CAREER OPPORTUNITIES/ OUTCOMES

Upon graduating you will be able to advance your career and work in various areas including:

- environmental and resources sectors
- public policy
- government and non-government sectors
- private sector, e.g. sustainability consulting
- legal practice or advice (for legal professionals only)
- in-house counsel (for legal professionals only).



Scan for more information about this degree.

MASTER OF HUMAN RESOURCE MANAGEMENT	
<b>CRICOS CODE</b>	083520M
<b>DURATION</b>	1.5 yrs FT
<b>LOCATIONS</b>	Newcastle – City Online
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$37,945 2021 A\$39,842
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	T1, T2, T3
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
<p>Become a leader in the field of human resources with specialised knowledge and skills for managing people within an organisation. Our program develops your knowledge and practical skills to become an effective, ethical and successful practitioner in human resource management or employment relations within business, government, consulting or community sector organisations.</p>	

### WHAT YOU WILL STUDY

You will have the ability shape your degree around your interest with core courses focusing on:

- Human Resource Management and Strategy
- Human Resource and Organisation Development
- Managing People in International Contexts
- Employment Relations
- Negotiation and Conflict Resolution.

### PROFESSIONAL RECOGNITION

Our Master of Human Resource management is accredited by the Australian Human Resources Institute AACSB Accreditation.

The Newcastle Business School is accredited by the Association to Advance Collegiate Schools of Business (AACSB), earned by less than five per cent of the world's business programs.

### CAREER OPPORTUNITIES/ OUTCOMES

Our graduates find employment in some of the following roles:

- Human Resource Advisor or Manager
- Learning and Development/Training and Development Advisor or Manager
- Organisation Development or Effectiveness Manager
- Employment Relations or Industrial Relations Manager
- Human Resources Director
- Senior Union Official or Senior Employer Association Advisor
- Policy Advisor to government organisations.



Scan for more information about this degree. See page 94 for available combined degree options.

MASTER OF INTERNATIONAL BUSINESS	
<b>CRICOS CODE</b>	083521K
<b>DURATION</b>	1.5 yrs FT
<b>LOCATIONS</b>	Newcastle – City
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$38,520 2021 A\$40,446
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	T1, T2, T3
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
<p>As business becomes increasingly global, organisations are looking for people with an international perspective to their qualifications. This program provides graduates with superior knowledge and skills to operate in the global business environment. You will understand the complex dynamics of multinational firms and gain skills in international economics, strategy, marketing, human resources management and cross-cultural negotiation.</p>	

### WHAT YOU WILL STUDY

You will have the opportunity to complete courses in:

- Managing Under Uncertainty
- Foundations of Business Analysis
- Accounting and Financial Management
- Organisational Behaviour and Design
- Globalisation
- Global Business Management
- Entrepreneurship and Innovation
- Cross-Cultural Management
- International Business Strategy.

### PROFESSIONAL RECOGNITION

The Newcastle Business School is accredited by the Association to Advance Collegiate Schools of Business (AACSB), earned by less than five per cent of the world's business programs.

### CAREER OPPORTUNITIES/ OUTCOMES

You will gain relevant knowledge and skills that apply to many senior roles including but not limited to:

- Account Executive
- Business Consultant
- Business Development Manager
- Entrepreneur
- Finance Advisor
- Industry Specialist Manager
- Marketing Manager
- Operations Manager
- Management Analyst/Consultant
- Policy Analyst.



Scan for more information about this degree. See page 94 for available combined degree options.

## MASTER OF LAWS (LLM)

<b>CRICOS CODE</b>	079533G
<b>DURATION</b>	1 yr FT
<b>LOCATIONS</b>	Newcastle – City
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$31,785 2021 A\$33,374
<b>IELTS</b>	IELTS overall minimum - 7.0 IELTS section minimum - 6.5
<b>INTAKE</b>	S1, S2, Winter
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

The Master of Laws program (LLM) is designed to expand your knowledge and deepen your understanding of a specialist area of law. All courses offered within the LLM program are developed for advanced study, contain a significant research component and focus on critical thinking and analysis of complex legal issues. You will learn from leading academics in their fields, with particular expertise in the areas of Dispute Resolution, Environmental Law, Employment and Labour Relations Law and International Law. Study at our A\$95 million facility, NUspace, in the heart of the City of Newcastle.

### WHAT YOU WILL STUDY

Expand your knowledge and skills by picking individual courses that appeal to you, or choose one of our specialities:

- Dispute Resolution
- Employment and Labour Relations Law
- Environmental Law
- International Law
- Law in Practice.

Individual courses cover topics such as mediation, international arbitration, equal opportunity law, legal innovation and design and more.

### PROFESSIONAL RECOGNITION

If you already have a law degree from a country outside of Australia, the Law in Practice specialisation in our LLM may help you to meet qualification requirements to practice law in Australia.

### CAREER OPPORTUNITES/OUTCOMES

Advance your career in various areas including:

- legal practice
- in-house counsel
- public policy
- government sector
- private sector (e.g. finance, business)
- human rights advocacy.

## MASTER OF MARKETING

<b>CRICOS CODE</b>	083522J
<b>DURATION</b>	1.5 yrs FT
<b>LOCATIONS</b>	Newcastle – City Online
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$38,420 2021 A\$40,341
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	T1, T2, T3
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Become a leader in the industry with contemporary and practical marketing knowledge and skills. You will learn to plan and execute marketing strategies for organisations in the non-profit, government and private sectors, under the guidance of our research-led academic staff. Study in our A\$95 million facility in the centre of Newcastle, and graduate with a valuable skill set ready for a rewarding career.

### WHAT YOU WILL STUDY

The Master of Marketing focuses on developing greater understanding of marketing principles theory, concepts, and strategy. The program offers students the opportunity to learn from a blend of cutting-edge academic research and the latest insights from industry. Specialisation in particular aspects of marketing is also offered which draw upon the research strengths of the academics, with focus placed on:

- Marketing Communications
- Brand Management
- Services and Relationship Marketing
- Global Marketing
- Digital Marketing
- Marketing Research
- Consumer Behaviour.

### PROFESSIONAL RECOGNITION

This program is accredited through the Australian Marketing Institute (AMI).

The Newcastle Business School is accredited by the Association to Advance Collegiate Schools of Business (AACSB), earned by less than five per cent of the world's business programs.

### CAREER OPPORTUNITES/OUTCOMES

Marketing career opportunities exist across all industries with exciting and challenging areas like marketing strategy and planning, brand management, marketing communications, marketing research, social marketing, digital marketing and sustainability.

Specific roles include:

- Marketing Coordinator
- Market Research Officer
- Media Analyst
- Marketing Manager
- Brand Manager.

## MASTER OF PROFESSIONAL ACCOUNTING

<b>CRICOS CODE</b>	059999E
<b>DURATION</b>	1.5 yrs FT
<b>LOCATIONS</b>	Sydney
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$31,980 2021 A\$33,579
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	T1, T2, T3
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Do you have a non-accounting educational background, but want to get into the professional accounting bodies' membership program? Then this course is for you. You will learn the fundamentals of accounting, finance, taxation, and auditing all under the guidance of high-quality, research-led academics. Graduate with the key skills for a career in accounting, which are highly transferrable to the banking and finance industry. With our nationally and internationally recognised program, you can work anywhere in the world.

### WHAT YOU WILL STUDY

This program encompasses study in a broad range of areas including:

- management accounting
- financial accounting
- taxation
- auditing
- finance
- law
- economics
- business decision making (statistics).

### PROFESSIONAL RECOGNITION

The Master of Professional Accounting is accredited by CPA Australia (CPA), Chartered Accountants Australia and New Zealand (CA ANZ) and The Association of Chartered Certified Accountants.

The Newcastle Business School is accredited by the Association to Advance Collegiate Schools of Business (AACSB), earned by less than five per cent of the world's business programs.

### CAREER OPPORTUNITES/OUTCOMES

Accounting skills provide graduates with opportunities to work in roles such as:

- Forensic Accountant
- Internal Auditor
- Financial Analyst
- Chief Financial Officer
- Financial Advisor.



Scan for more information about this degree.



Scan for more information about this degree. See page 94 for available combined degree options.



Scan for more information about this degree. See page 94 for advanced and combined study options.





Charmaine, India

Master of Business Administration (Global)

# FACULTY OF ENGINEERING AND BUILT ENVIRONMENT

We help prepare you for careers in: Architecture, Computing, Construction Management, Engineering and Information Technology.

Embrace cutting-edge technology and modern facilities. Be trained by leading professionals and researchers in the engineering and built environment sector. Study sustainable development and disaster management with the only United Nation's research centre in the Asia Pacific, CIFAL Newcastle.

Ranked above Harvard, Stanford and Cambridge universities, the University of Newcastle is a global leader in the field of Automation and Control Engineering<sup>1</sup>. From driverless cars to artificial human organs and smarter electricity networks, automation and control is a field of application, limited only by our imagination.

Our University is one of only three in Australia with membership to the Global Engineering Education Exchange (GE3) program so you can gain professional

recognition of your qualification through our alliance with leading accreditation bodies. We also partner with world-leading construction software provider, Buildsoft, allowing you exclusive access to mentoring and real-world experience with this industry leader.



Scan to learn more about the Master of Disaster Resilience and Sustainable Development, delivered through CIFAL Newcastle.



**GROUP  
OF EIGHT  
AUSTRALIA**  
ENGINEERING  
ASSOCIATE



**RANKED  
8**

in the world  
for Automation and Control<sup>1</sup>



**RANKED  
30**

in the world for Mineral  
and Mining Engineering<sup>2</sup>



**No. 1**

in Australia for overall  
experience in engineering<sup>3</sup>

## INDUSTRY PARTNERSHIPS




<sup>1</sup> Shanghai Rankings Global ranking of academic subjects 2019

<sup>2</sup> QS World University Rankings by Subject 2020

<sup>3</sup> QILT Student Experience Survey 2019



A photograph of Professor Vijay Varadharajan, a middle-aged man with glasses, wearing a dark suit jacket over a light blue button-down shirt. He is smiling and has his hands clasped in front of him. The background is a dark room with a large screen displaying a network diagram of pink nodes and lines.

“Cybersecurity is important in all walks of life and every day there are new evolving threats. The work we do at the University of Newcastle is at the forefront of research, providing leadership that has national and international impact.”

**Professor Vijay Varadharajan**  
Global Innovation Chair in Cybersecurity  
Director of Advanced Cybersecurity  
Engineering Research Centre

## PROFESSOR VIJAY VARADHARAJAN

**Global Innovation Chair in Cybersecurity  
Director of Advanced Cybersecurity Engineering  
Research Centre**

The ever-changing world of technology makes cybersecurity a dynamic discipline critical for future careers in a range of sectors including telecommunications, finance, healthcare, manufacturing aerospace and defence. As the Global Innovation Chair in Cybersecurity at the University of Newcastle, Professor Vijay Varadharajan’s work tackles research and projects in a range of areas to stay ahead of growing types of cyberattacks on systems, data and networks.

With the imminent arrival of quantum computing and ongoing advances in technology, there are big changes to cybersecurity approaches on the way. It will be cybersecurity researchers that help develop new techniques to continue to maintain the security of our digital information.

With an impressive track record, Professor Varadharajan has 30 years of experience in research and strategy gained in the UK, USA and Australia. He has worked with major companies like Hewlett-Packard, Microsoft, SAP and several SMEs in various business sectors as well as different government agencies. His areas of expertise include cybersecurity and trust, cloud computing, the Internet of Things and malware, just to name a few.

## BACHELOR OF CHEMICAL ENGINEERING (HONOURS)

<b>CRICOS CODE</b>	018788M
<b>DURATION</b>	4 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$36,195 2021 A\$38,005
<b>IELTS</b>	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Want to use mathematics, science and creativity to overcome challenges and find solutions? Chemical engineers help develop everyday products like toothpaste, chocolate, lipstick, paracetamol and petrol. You could work as part of a team developing high efficiency insulation products that improve heating and cooling. You could work on biofuel production in remote communities. You might work in the food industry. The possibilities are diverse and exciting.

### WHAT YOU WILL STUDY

Become job-ready through four professional practice courses and diversify your skills with four elective pathways. Build critical technical engineering skills in:

- heat transfer and the design of energy systems
- thermodynamics
- mass transfer and separation processes
- fluid mechanics
- kinetics and reaction engineering
- green engineering and sustainability processes.

### PROFESSIONAL RECOGNITION

Our degree is accredited through Engineers Australia and the Institution of Chemical Engineers (UK), meaning graduates can work almost anywhere in the world.

### CAREER OPPORTUNITES/OUTCOMES

Some typical positions include:

- Biotechnology Engineer
- Chemical Safety Manager
- Engineer
- Environmental Remediation
- Mineral Processing Engineer
- Nuclear Engineer
- Water Treatment Designer.

Complete one extra year of study and broaden your options with the Master of Professional Engineering (pages 61 to 63).



Scan for more information about this degree. See pages 86-92 for available combined degree options.

## BACHELOR OF CIVIL ENGINEERING (HONOURS)

<b>CRICOS CODE</b>	018786B
<b>DURATION</b>	4 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan Singapore*
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$36,480 2021 A\$38,304
<b>IELTS</b>	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Civil engineers are responsible for the physical infrastructure that enables modern societies to function. Buildings, highways and railways, tunnels, airports, power generation facilities and harbour facilities are all designed, built and managed by civil engineers. We educate our engineers to meet the global challenges of the future. With a Bachelor of Civil Engineering (Honours), you could engineer energy efficient buildings, or help develop sustainable and resilient infrastructure in developing countries.

### WHAT YOU WILL STUDY

All of our Civil Bachelor of Engineering students complete courses in the three core civil specialisations of structural, water and geotechnical engineering, making them highly employable upon graduation. Become job-ready through four professional practice courses and diversify your skills with four elective pathways:

- Structural Engineering
- Water Engineering
- Geomechanics
- Fluid Dynamics
- Civil Engineering Materials
- Steel Design.

### PROFESSIONAL RECOGNITION

Professional recognition through Engineers Australia qualifies you as a professional engineer who can work almost anywhere in the world.

### CAREER OPPORTUNITES/OUTCOMES

Civil engineers work for construction companies, consulting firms, project management companies, transport companies and governments.

Some typical positions include:

- Civil Engineering Designer
- Geotechnical Engineer
- Stormwater Engineer
- Structural Engineer
- Transport Systems Engineer
- Urban Development Engineer.

Complete one extra year of study and broaden your options with the Master of Professional Engineering (pages 61 to 63).



Scan for more information about this degree. See pages 86-92 for available combined degree options.

## BACHELOR OF COMPUTER SCIENCE

<b>CRICOS CODE</b>	001604G
<b>DURATION</b>	3 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$34,510 2021 A\$36,236
<b>IELTS</b>	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Computer scientists develop software, online systems and work on many everyday technologies like mobile phones, learning systems, online shopping, navigation systems, social media, computer games and smart appliances. This course will suit you if you are interested in complex problem solving and working in fields such as artificial intelligence, robotics, computer graphics, digital forensics, bioinformatics, web development, cryptography and data security.

### WHAT YOU WILL STUDY

Choose to specialise in one of the following majors:

- Data Science
- Computer Systems and Robotics
- Software Development
- Cyber Security.

### PROFESSIONAL RECOGNITION

Accredited by the Australian Computer Society.

### CAREER OPPORTUNITES/OUTCOMES

Computer science is a high-growth industry with a myriad of career opportunities. Jobs exist all over the world in almost every industry, from IT to business, manufacturing, defence and many more.

Some typical positions include:

- Application Development Manager
- Business Intelligence Director
- Computer Software Program Manager
- Cyber Security Advisor
- Data Scientist
- Games Developer
- Security Architect
- Software Architect.



Scan for more information about this degree. See pages 86-92 for available honours and combined degree options.



## BACHELOR OF COMPUTER SYSTEMS ENGINEERING (HONOURS)

<b>CRICOS CODE</b>	092848A
<b>DURATION</b>	4 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$36,400 2021 A\$38,220
<b>IELTS</b>	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Computer systems engineers combine creativity with technology to develop solutions to some of the world's greatest challenges. They are essential in a wide range of industries like computer design, defence applications, communication networks and internet development. With a Bachelor of Computer Systems Engineering (Honours), you might find yourself developing advanced computing equipment for industrial or business systems. Or, you could design and maintain a banking data centre to run internet banking services.

### WHAT YOU WILL STUDY

Become job-ready through four professional practice courses and diversify your skills with four elective pathway courses.

Build critical technical engineering skills in:

- advanced computer systems and embedded systems
- communication networks
- computer and electrical engineering
- programmable logic design
- electronics design
- signals and systems.

### PROFESSIONAL RECOGNITION

Professional recognition through Engineers Australia. You will be qualified as a professional engineer who can work almost anywhere in the world.

### CAREER OPPORTUNITES/OUTCOMES

Computer systems engineering is flexible and diverse. Graduates might choose to focus on hands-on fieldwork, design and development, or pursue a leadership role managing people and projects.

Some typical positions include:

- Computer Systems Analyst
- Computer Systems Specialist
- Information and Communications Engineer
- Information Technology Manager
- Network Engineer
- Web Developer.

Complete one extra year of study and broaden your options with the Master of Professional Engineering (pages 61 to 63).



Scan for more information about this degree. See pages 86-92 for available combined degree options.

## BACHELOR OF CONSTRUCTION MANAGEMENT (BUILDING) (HONOURS)

<b>CRICOS CODE</b>	003693G
<b>DURATION</b>	4 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan Singapore Online
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$30,890 2021 A\$32,435
<b>IELTS</b>	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

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.

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

### CAREER OPPORTUNITES/OUTCOMES

Career examples include:

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



Scan for more information about this degree.

## BACHELOR OF DESIGN (ARCHITECTURE)

<b>CRICOS CODE</b>	001600A
<b>DURATION</b>	3 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$30,890 2021 A\$32,435
<b>IELTS</b>	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Architecture is more than just art and technology. Our students are challenged to explore their potential as agents for change and to 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, while learning in the state's newest creative innovation centre, Newcastle.

### 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 OPPORTUNITES/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 59).



Scan for more information about this degree.

## BACHELOR OF ELECTRICAL AND ELECTRONIC ENGINEERING (HONOURS)

<b>CRICOS CODE</b>	092849M
<b>DURATION</b>	4 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan Singapore
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$36,600 2021 A\$38,430
<b>IELTS</b>	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2 – Callaghan T1, T2, T3 – Singapore
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Electrical and electronic engineers design and build power systems and renewable energy technologies, industrial electronics, robotics, control systems, and telecommunications. You might develop agriculture technology to increase food productivity and even build smart grid systems to help manage alternative energy resources. Or, follow in the footsteps of our team of researchers and develop lifechanging medical technology - like the artificial pancreas.

### WHAT YOU WILL STUDY

Take on real-world challenges through professional practice courses and diversify your skills through four elective pathway courses. You will build critical technical and engineering skills in:

- machines, power systems and renewables
- communications systems and internet of things
- electrical and electronic engineering design
- embedded computing and procedural programming
- systems control and processing.

### PROFESSIONAL RECOGNITION

Professional recognition through Engineers Australia means graduates will be qualified as professional engineers who can work almost anywhere in the world.

### CAREER OPPORTUNITES/OUTCOMES

Some typical positions include:

- Automatic Systems Designer
- Biomedical Instrumentation Designer
- Electrical Design Engineer
- Embedded System Designer
- Renewable Energy Systems Engineer
- Robotics Engineer
- Telecommunications Equipment Designer.

Complete one extra year of study and broaden your options with the Master of Professional Engineering (pages 61 to 63).



Scan for more information about this degree. See pages 86-92 for available combined degree options.

## BACHELOR OF ENVIRONMENTAL ENGINEERING (HONOURS)

<b>CRICOS CODE</b>	011012E
<b>DURATION</b>	4 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$37,025 2021 A\$38,876
<b>IELTS</b>	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Environmental engineers help rehabilitate land impacted by mining or work on the clean-up of an oil spill that threatens ecosystems. You could even help prevent flooding of some of the world's fast-growing cities. Environmental engineers apply their knowledge to find solutions for complex environmental problems.

### WHAT YOU WILL STUDY

Become job-ready through professional practice courses and diversify your skills through four elective pathways. Build critical technical and engineering skills in:

- environmental chemistry
- environmental legislation and planning
- fluid mechanics
- hydrobiological modelling
- land surface process and management
- water engineering.

### PROFESSIONAL RECOGNITION

Professional recognition through Engineers Australia qualifies you as a professional engineer who can work almost anywhere in the world.

### CAREER OPPORTUNITES/OUTCOMES

This degree is flexible and diverse. You may prefer hands-on fieldwork, design and development, or a leadership role managing people and projects.

Some typical positions include:

- Environmental Impact Consultant
- Environmental Remediation Technician
- Sustainable Fisheries Consultant
- Toxic Materials Control Engineer
- Water Reclamation Project Designer.

Complete one extra year of study and broaden your options with the Master of Professional Engineering (pages 61 to 63).



Scan for more information about this degree. See pages 86-92 for available combined degree options.

## BACHELOR OF INFORMATION TECHNOLOGY

<b>CRICOS CODE</b>	044439E
<b>DURATION</b>	3 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan Singapore
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$34,105 2021 A\$35,810
<b>IELTS</b>	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2 – Callaghan T2, T3 – Singapore
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Information technology (IT) involves developing, building and maintaining software systems to meet the challenges faced by society and seizing the opportunities that new technology creates. The Bachelor of Information Technology prepares you for a diverse career, you could specialise in business technologies and manage complex systems for big corporations and government. If you are passionate about media and entertainment, you could even create exciting games, animations and digital content.

### WHAT YOU WILL STUDY

You will develop skills in:

- web technologies
- programming
- databases
- management
- computer-human interaction
- systems analysis and design
- business analysis.

Plus, you will choose from one of the following majors, designed to meet industry's evolving IT needs:

- Interactive Media
- Business Technology
- Systems Development.

### PROFESSIONAL RECOGNITION

Graduates are eligible to apply for membership with the Australian Computer Society.

### CAREER OPPORTUNITES/OUTCOMES

IT graduates work in a wide range of industries including cloud architecture, software, mobile and application development. You could go on to work for organisations like Google, Amazon, Facebook or Apple.

Some typical positions include:

- Games Designer/Animator
- Infrastructure Business Analyst
- Mobile App Designer
- Software Developer
- Systems Analyst
- Web Developer.



Scan for more information about this degree. See pages 86-92 for available combined degree options.



<b>BACHELOR OF MECHANICAL ENGINEERING (HONOURS)</b>	
<b>CRICOS CODE</b>	018795A
<b>DURATION</b>	4 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan Singapore
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$36,070 2021 A\$37,874
<b>IELTS</b>	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2 – Callaghan T1, T2, T3 – Singapore
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
Mechanical engineers design, manufacture and optimise specialist machines and processes. They solve important problems using robotics, advanced materials, and the laws of energy generation and transmission. They work on everything from power plants, to air conditioners, aircraft engines and race cars. You could design self-driving farm machinery for ultra-efficient food production, or build revolutionary biomechanical solutions for people living with disability.	

### WHAT YOU WILL STUDY

Mechanical engineering is the broadest of all engineering disciplines. You will gain essential workplace skills with professional practice courses and diversify your skills through four elective pathway courses. Build critical technical and engineering skills in:

- mathematics, physics, design and mechanics
- advanced materials and manufacturing
- bulk solids handling
- fluid dynamics
- thermodynamics
- computer-aided engineering.

### PROFESSIONAL RECOGNITION

Professional recognition through Engineers Australia qualifies you as a professional engineer who can work almost anywhere in the world.

### CAREER OPPORTUNITES/OUTCOMES

Almost all industries need mechanical engineers, such as medical, transport, aerospace, electronics, mining, renewable energy, robotics, automation and advanced manufacturing industries.

Some typical positions include:

- Engineering Project Manager
- Mechanical Engineering Designer
- Operating Plant Manager
- Mechanical Systems Supervisor
- Mechanical Technology Engineer.

Complete one extra year of study and broaden your options with the Master of Professional Engineering (pages 61 to 63).



Scan for more information about this degree. See pages 86-92 for available combined degree options.

<b>BACHELOR OF MECHATRONICS ENGINEERING (HONOURS)</b>	
<b>CRICOS CODE</b>	032765A
<b>DURATION</b>	4 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$36,395 2021 A\$38,215
<b>IELTS</b>	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
The Bachelor of Mechatronics Engineering (Honours) focuses on the connection between electrical, computer and mechanical technologies that lead to new solutions to industrial problems. You might build robots or unmanned aircraft, design bionic implants or even energy harvesting equipment. Mechatronics engineers are involved in the technical design, automation and operational performance of the electromechanical systems used in industries such as defence, advanced manufacturing, mining and health.	

### WHAT YOU WILL STUDY

Gain essential workplace skills with professional practice courses and diversify your skills through four elective pathway courses. Build critical technical and engineering skills in:

- computer-integrated manufacturing
- electronic design
- mechatronics design
- microprocessor systems
- modelling and simulation
- sensors and actuators.

### PROFESSIONAL RECOGNITION

Professional recognition through Engineers Australia qualifies you as a professional engineer who can work almost anywhere in the world.

### CAREER OPPORTUNITES/OUTCOMES

Mechatronic engineers play an essential role in a growing number of fields such as robotics, aerospace, chemical, defence, automotive, marine, manufacturing, mining or finance industries.

Some typical positions include:

- Avionics Engineer
- Industrial Automation Engineer
- Robotics Designer
- Smart Infrastructure Designer.

Complete one extra year of study and broaden your options with the Master of Professional Engineering (pages 61 to 63).



Scan for more information about this degree. See pages 86-92 for available combined degree options.

<b>BACHELOR OF MEDICAL ENGINEERING (HONOURS)</b>	
<b>CRICOS CODE</b>	096509K
<b>DURATION</b>	4 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$37,030 2021 A\$38,882
<b>IELTS</b>	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
Medical engineers use new technology and apply engineering principles and design processes to find solutions to healthcare problems. As a medical engineer, you will work to make medical innovations more effective, efficient, safer and affordable. Combine your creativity, critical thinking and complex problem-solving skills to improve technology and human systems in medical settings. We offer the only medical engineering degree in NSW, so our graduates are uniquely placed to improve lives both locally and around the world.	

### WHAT YOU WILL STUDY

Build critical medical and engineering skills through courses in:

- Human Pathophysiology
- Analog and Digital Communications
- Programming and Computing
- Pharmacology
- Engineering Design
- Neurobiology.

Choose one of the following majors:

- Medical Biomechanics
- Medical Computing
- Medical Devices
- Medical Signal Analysis.

### CAREER OPPORTUNITES/OUTCOMES

Depending on your area of specialisation, you could work with:

- app-based health detection and diagnostic tools
- artificial organs
- biomechanical devices
- digital medical records
- electrical and computing systems for radiotherapy, respiration or dialysis
- nanotechnology drugs and tests
- prosthetic limbs
- surgical equipment.



Scan for more information about this degree.

## BACHELOR OF RENEWABLE ENERGY ENGINEERING (HONOURS)

CRICOS CODE	099293G
DURATION	4 yrs FT
LOCATIONS	Newcastle – Callaghan
INDICATIVE ANNUAL FEE	2020 A\$36,315 2021 A\$38,131
IELTS	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
INTAKE	S1, S2
PRACTICAL EXPERIENCE	Opportunities available

### COURSE OVERVIEW

One of the biggest challenges we all face is the transition to a renewable energy economy. The success of this evolution depends on the creative solutions of a new generation of renewable energy engineers with specialised skills. This includes disciplines of chemical, electrical and mechanical engineering. This program will prepare you to work across the whole spectrum of technologies for renewable energy capture, conversion, storage, delivery and management. You will also choose courses in related areas of climate change policy, law and economics and environmental sciences.

### WHAT YOU WILL STUDY

Build critical technical skills in:

- solar and wind
- geothermal, hydro, ocean and hybrid systems
- carbon accounting and energy auditing
- power electronics and renewable energy systems
- bioenergy
- energy storage systems.

Become job-ready through four professional practice courses and diversify your skills with four elective pathway courses.

### PROFESSIONAL RECOGNITION

This program has been granted provisional accreditation through Engineers Australia.

### CAREER OPPORTUNITES/OUTCOMES

Career examples include:

- Energy Accounting/Auditing
- Energy Management Consultant
- Energy Policy Development Officer
- Renewable Energy Engineer
- Renewable Energy Innovation
- Renewable Energy Systems Design.

## BACHELOR OF SOFTWARE ENGINEERING (HONOURS)

CRICOS CODE	021335C
DURATION	4 yrs FT
LOCATIONS	Newcastle – Callaghan
INDICATIVE ANNUAL FEE	2020 A\$35,505 2021 A\$37,081
IELTS	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
INTAKE	S1, S2
PRACTICAL EXPERIENCE	Opportunities available

### COURSE OVERVIEW

Software engineering is behind much of the everyday technology we take for granted – from our tablets, computer software and mobile phones through to digital televisions, computer games and online banking. With the Bachelor of Software Engineering (Honours) you might develop software for digital forensics analysis to help fight crime, or work in defence and combat cyber attacks. You could design wearable health management devices or write the software that powers e-commerce websites.

### WHAT YOU WILL STUDY

Become job-ready through professional practice courses and diversify your skills with four elective pathways. Build critical technical and engineering skills in:

- database management systems
- enterprise software
- computer architecture
- formal languages and automation
- programming languages and paradigms
- software architecture and quality management
- software development.

### PROFESSIONAL RECOGNITION

Professional recognition through Engineers Australia and the Australian Computer Society means graduates will be qualified as professional engineers who can work almost anywhere in the world.

### CAREER OPPORTUNITES/OUTCOMES

Software engineers play a vital role in a wide range of industries such as defence and security, aerospace, computer games and entertainment as well as government and commerce.

Some typical positions include:

- Applications Software Developer
- Software Engineer
- Internet and Web Engineer
- Software Development Manager
- Telecommunications Engineer.

Complete one extra year of study and broaden your options with the Master of Professional Engineering.



Scan for more information about this degree.



Scan for more information about this degree.



MASTER OF ARCHITECTURE	
<b>CRICOS CODE</b>	062019J
<b>DURATION</b>	2 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$33,960 2021 A\$35,658
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
<p>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.</p> <p>Our students work on international scale projects that solve real design problems, work side-by-side with communities and have the opportunity to showcase their work to industry and through public exhibitions.</p>	

### 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

This program is accredited by:

- Architects Accreditation Council of Australia (AACA)
- Australian Institute of Architects

These qualifications are also internationally recognised and reciprocal arrangements exist with many countries.

### CAREER OPPORTUNITES/OUTCOMES

Career examples include:

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



Scan for more information about this degree.

MASTER OF CYBER SECURITY	
<b>CRICOS CODE</b>	0100135
<b>DURATION</b>	2 yrs FT Accelerated options available
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$38,315 2021 A\$40,231
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
<p>Develop the in-demand skills needed to protect and defend organisational networks in almost any field. Cyberspace has transformed the way we live and do business. Securing cyberspace from attacks has become a critical need in the 21st century to enable people, enterprises and governments to interact and conduct their business. There is a significant shortage of cyber security expertise throughout the world. This program is designed to provide you with a working knowledge of important security standards, techniques to exploit the current systems and networks, and expertise in the design of secure systems and their application to real-world problems</p>	

### WHAT YOU WILL STUDY

You will gain extensive knowledge in the areas of cyber systems and infrastructures and their applications. Develop skills in:

- data security
- system and network security
- security attacks – analysis and mitigation strategies
- security standards and practices in industry
- engineering complexity.

### CAREER OPPORTUNITES/OUTCOMES

There is currently a major shortage of cyber security workers, with leading independent and not-for-profit organisation AustCyber estimating that Australia could need almost 18,000 additional cyber security workers by 2026 (Australian Cyber Security Growth Network's Sector Competitiveness Plan 2018).

Career examples include:

- Cryptographer
- IT Security Engineer
- Security Analyst
- Security Consultant
- Security System Developer
- Security System Manager.



Scan for more information about this degree.

MASTER OF DISASTER RESILIENCE AND SUSTAINABLE DEVELOPMENT	
<b>CRICOS CODE</b>	095159B
<b>DURATION</b>	2 yrs FT Accelerated options available
<b>LOCATIONS</b>	Newcastle – Callaghan Online
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$34,790 2021 A\$36,530
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	T1, T2, T3
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
<p>Learn how to identify, mitigate and manage business, safety or environmental risks. 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 a good 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 develop the best practice knowledge and skills needed to implement the new UN Sustainable Development Goals (UN-SDGs) and the Sendai framework for Disaster Risk Reduction.</p>	

### 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 OPPORTUNITES/OUTCOMES

Career examples include:

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



Scan for more information about this degree.

## MASTER OF INFORMATION TECHNOLOGY (MIT)

<b>CRICOS CODE</b>	083517F
<b>DURATION</b>	2 yrs FT Accelerated options available
<b>LOCATIONS</b>	Newcastle – Callaghan Sydney Online
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$38,340 2021 A\$40,257
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	T1, T2, T3
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Develop the critical knowledge and skills required to work as an IT professional. As well as providing foundational IT skills for entrants with limited IT experience, the Master of Information Technology (MIT) provides opportunities for experienced IT professionals to enhance their skills. Apply your learning to technology-driven areas including communications, management, and business and entrepreneurship. This broad, flexible and technical program will offer you exciting and diverse career opportunities and challenges. Choose to specialise in either Business Analytics, Management Information Systems, IT Research or a combination of all three areas.

Those with a degree in a cognate area can apply for credit and take this degree in accelerated mode (1-1.5 years).

### WHAT YOU WILL STUDY

With the flexibility to tailor your degree to best suit your career development needs, you will graduate ready for the workplace.

Develop skills in:

- database management
- systems analysis and design
- process analysis and problem solving
- object orientated programming
- project planning and management
- professional practice in IT.

### PROFESSIONAL RECOGNITION

This degree is accredited by the Australian Computer Society.

### CAREER OPPORTUNITES/OUTCOMES

Career examples include:

- Business Analyst
- Database Developer
- Software Developer
- Systems Analyst
- Web Developer.

## MASTER OF MATERIALS SCIENCE AND ENGINEERING

<b>CRICOS CODE</b>	0100265
<b>DURATION</b>	2 yrs FT Accelerated options available
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$39,995 2021 A\$41,995
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

With a focus on the fast-growing field of advanced nanomaterials, you will learn how the processing of a material influences its structure, properties and performance. Delivered through the Global Innovative Centre for Advanced Nanomaterials (GICAN) and in collaboration with industry partner CSIRO, the Master of Materials Science and Engineering will develop your skills and prepare you to meet the global demand of this growing industry. Graduate with the knowledge, skills, and industry connections needed to address key challenges in fields like education, medicine, information technology, energy and environmental technologies, and space science.

### WHAT YOU WILL STUDY

This unique program focuses on the expanding field of advanced nanomaterials for use in energy, environment, biology and life science industries.

Through this program you will deepen your skills in:

- nanomaterials
- functional materials
- biomaterials
- drug carriers
- photovoltaics
- soft materials
- useful metal alloys.

### CAREER OPPORTUNITES/OUTCOMES

Career examples include:

- Forensic Scientist
- Formulation Chemist
- Industrial Chemist
- Laboratory Technician
- Market Researcher/Analyst
- Materials Scientist
- Metallurgist
- Product Analyst/Developer
- Quality Assurance Specialist
- Research Officer.



Scan for more information  
about this degree.



Scan for more information  
about this degree.



<b>MASTER OF PROFESSIONAL ENGINEERING (CHEMICAL)</b>	
<b>CRICOS CODE</b>	098282G
<b>DURATION</b>	3 yrs FT Accelerated options available
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$39,790 2021 A\$41,780
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
<p>If you are looking to start or advance your career in chemical engineering, the Master of Professional Engineering (Chemical) at the University of Newcastle will help you develop management expertise, specialise and deepen your technical skills and be ready to lead projects and move into more senior roles. If you have a background in a related area, such as science or mathematics, the three-year MPE provides an opportunity to gain a professionally recognised qualification in engineering. For those with an engineering degree, you can apply for credit and take this program in accelerated mode (1-2 years) to gain professional recognition in Australia and advance your career.</p>	

### WHAT YOU WILL STUDY

You will take advanced courses in chemical engineering, thermodynamics, energy transfer and technologies, sustainable engineering practice, particle and resources engineering, chemical reactor design, process modelling and separation, mass transfer processes, safety and risk management and chemical engineering design and advanced mineral processing. You will develop project management and complex problem-solving skills and learn how to apply design thinking and systems engineering principles. Plus, you can choose a major project that is focused on design and research.

### PROFESSIONAL RECOGNITION

This program has been granted provisional accreditation through Engineers Australia.

### CAREER OPPORTUNITES/OUTCOMES

Chemical engineers are involved in creating products like plastics, fertilisers, consumables, pharmaceuticals and paints. They also work in fields such as environmental control, resource utilisation, minerals processing, renewable energy, waste management and recycling. Engineering is one of the most in-demand qualifications in the world, with many countries experiencing a skills shortage in this field. A Master of Professional Engineering will open up even more varied career opportunities, empowering you to take on a leadership role, start your own business or manage major engineering projects.



Scan for more information about this degree.

<b>MASTER OF PROFESSIONAL ENGINEERING (CIVIL)</b>	
<b>CRICOS CODE</b>	098283G
<b>DURATION</b>	3 yrs FT Accelerated options available
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$38,670 2021 A\$40,604
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
<p>This degree will help you develop the strategic and technical skills required to help build the physical infrastructure that enables our societies to thrive and grow. You will develop project management and complex problem-solving skills and learn how to apply design thinking and systems engineering principles. If you have a background in a related area, such as science or mathematics, the three-year MPE provides an opportunity to gain a professionally recognised qualification in engineering. For those with an engineering degree, you can apply for credit and take this program in accelerated mode (1-2 years) to gain professional recognition in Australia and advance your career.</p>	

### WHAT YOU WILL STUDY

You will deepen your skills through advanced civil engineering courses in areas such as hydrology, land surface process and management, and geotechnical and geo-environmental engineering. Plus you can broaden your skill base with complementary courses in management, disaster preparedness, business and the environment as well as project planning, entrepreneurship and innovation. You will also complete a year-long advanced civil engineering project (design-based or theoretical).

### PROFESSIONAL RECOGNITION

This program has been granted provisional accreditation through Engineers Australia.

### CAREER OPPORTUNITES/OUTCOMES

Civil engineers work for construction companies, consulting firms, project management companies, transport companies and governments. You could specialise in engineering, water, transport or geotechnical engineering. Engineering is one of the most in-demand qualifications in the world, with many countries desperate to fill a skills shortage in this field. A Master of Professional Engineering will open up even more varied career opportunities, empowering you to take on a leadership role, start your own business or manage major engineering projects.



Scan for more information about this degree.

<b>MASTER OF PROFESSIONAL ENGINEERING (COMPUTER SYSTEMS)</b>	
<b>CRICOS CODE</b>	092857M
<b>DURATION</b>	2 yrs FT Accelerated options available
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$39,845 2021 A\$41,837
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
<p>This program explores the theoretical and practical knowledge required for software development, electronic hardware design and networking frameworks. The degree focuses on fundamental industry principles and techniques so that graduates are able to apply what they learn to new technologies as they emerge in the future. If you already have an engineering degree from an overseas university but are seeking professional recognition, this two-year MPE will give you an advanced, accredited qualification, preparing you for practice in Australia and around the world. Those with a recognised degree can apply for credit and take this program in accelerated mode to advance their career.</p>	

### WHAT YOU WILL STUDY

You will expand your engineering expertise with courses in electrical and software engineering, such as data security, programmable logic design, machine intelligence, electronics design, signal processing, wireless communication, web technologies, data structures and distributed computing. You will develop project management and complex problem-solving skills. You will have the chance to diversify your skill base through elective courses in areas such as business, design and innovation. You will also complete an advanced engineering project (design-based or theoretical).

### PROFESSIONAL RECOGNITION

This program has been granted provisional accreditation through Engineers Australia

### CAREER OPPORTUNITES/OUTCOMES

Computer systems engineers find employment in computer design and development, instrumentation and control, ICT infrastructure, defence applications, healthcare systems and communication networks/internet development. Engineering continues to be one of the most in-demand qualifications in the world, with many countries needing to fill a shortage of professional skills in this field. A Master of Professional Engineering will open up even more varied career opportunities, empowering you to take on a leadership role, start your own business or manage major engineering projects.



Scan for more information about this degree.

## MASTER OF PROFESSIONAL ENGINEERING (ELECTRICAL AND ELECTRONIC)

<b>CRICOS CODE</b>	098284F
<b>DURATION</b>	3 yrs FT Accelerated options available
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$39,920 2021 A\$41,916
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Gain advanced capabilities in emerging electrical engineering technologies, which are currently transforming modern society. Diversify your skills base in an area such as business and management, entrepreneurship or design. Be globally recognised – we are ranked at No.8 in the World and No. 1 in Australia for Automation and Control\*. If you have a background in a related area, such as science or mathematics, the three-year MPE provides an opportunity to gain a professionally recognised qualification in engineering. For those with an engineering degree, you can apply for credit and take this program in accelerated mode (1-2 years) to gain professional recognition in Australia and advance your career.

### WHAT YOU WILL STUDY

You will have the opportunity to diversify your engineering expertise with courses in specialised areas including renewable energy integration, control systems design and automation, digital and electronic design, advanced telecommunication and power electronics, drives and highly efficient power utilisation. Plus, you can choose a major project that's focused on design or research. Our professional practice and leadership courses will help you develop skills in project management, complex problem solving, innovation and communications.

### PROFESSIONAL RECOGNITION

This program has been granted provisional accreditation through Engineers Australia.

### CAREER OPPORTUNITES/OUTCOMES

Electrical engineers are employed in utilities, industry, manufacturing, consulting services and electronic design and development. You could specialise in electronics engineering, automation and control, robotics or power generation and distribution. Engineering is one of the most in-demand qualifications in the world, with many countries desperate to fill a skills shortage in this field. A Master of Professional Engineering will open up even more varied career opportunities, empowering you to take on a leadership role, start your own business or manage major engineering projects.



Scan for more information about this degree.

## MASTER OF PROFESSIONAL ENGINEERING (ENVIRONMENTAL)

<b>CRICOS CODE</b>	092855B
<b>DURATION</b>	2 yrs FT Accelerated options available
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$38,500 2021 A\$40,425
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

When studying a Master of Professional Engineering (Environmental), you will explore advanced skills in assessing and mitigating the impacts of human activity on the environment, with particular emphasis on water and land. You will also develop project management and complex problem-solving skills and learn how to apply design thinking and systems engineering principles. If you already have an engineering degree from an overseas university but are seeking professional recognition, this two-year MPE will give you an advanced, accredited qualification, preparing you for practice in Australia and around the world. Those with a recognised degree can apply for credit and take this program in accelerated mode to advance their career.

### WHAT YOU WILL STUDY

You will deepen your skills through advanced environmental engineering courses in areas such as hydrology, land surface process and management, spatial data systems and remote sensing, and geotechnical and geo-environmental engineering. You could also broaden your knowledge base with complementary management courses in disaster preparedness, business and the environment as well as project planning, entrepreneurship and innovation. You will also complete a year-long advanced environmental engineering project (design-based or theoretical).

### PROFESSIONAL RECOGNITION

This program has been granted provisional accreditation through Engineers Australia.

### CAREER OPPORTUNITES/OUTCOMES

Environmental engineers work with consultancies, contracting firms, universities, research and development organisations, technology transfer companies or large manufacturers.

Engineering continues to be one of the most in-demand qualifications in the world, with many countries needing to fill a shortage of professional skills in this field. A Master of Professional Engineering will open up even more varied career opportunities, empowering you to take on a leadership role, start your own business or manage major engineering projects.



Scan for more information about this degree.

## MASTER OF PROFESSIONAL ENGINEERING (GEOSPATIAL ENGINEERING AND SURVEYING)

<b>CRICOS CODE</b>	092850G
<b>DURATION</b>	2 yrs FT Accelerated options available
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$39,000 2021 A\$40,950
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

If you are looking to start or advance your career in the field of surveying and spatial information, the Master of Professional Engineering (Geospatial Engineering and Surveying) at the University of Newcastle will help you develop management expertise, specialise and deepen your technical skills and be ready to lead projects and move into more senior roles. Those with a recognised degree in a cognate area can apply for credit and take this program in accelerated mode to advance their career.

### WHAT YOU WILL STUDY

This flexible degree allows you to fast-track your career in surveying and geospatial engineering. You will have the opportunity to expand your expertise with courses in specialised spatial data collection, industrial surveying, remote sensing, photogrammetry, astronomy and satellite positioning, analysis and management, or complementary areas such as business and management, entrepreneurship and innovation, or design. Plus, you can choose a major project focused on design or research.

### CAREER OPPORTUNITES/OUTCOMES

Surveyors and geospatial engineers work on different projects across different environments, including industries like land surveying, mining surveying, remote sensing, geodesy and space research, construction, environmental management and transportation. Surveying and geospatial engineering continues to be one of the most in-demand qualifications in the world, with many countries needing to fill a shortage of professional skills in this field.



Scan for more information about this degree.



<b>MASTER OF PROFESSIONAL ENGINEERING (MECHANICAL)</b>	
<b>CRICOS CODE</b>	098285E
<b>DURATION</b>	3 yrs FT Accelerated options available
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$39,825 2021 A\$41,816
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
<p>Diversify your career with this degree. Specialise your technical skills and develop the professional attributes to provide innovative solutions to society's needs now and into the future. You will gain project management and complex problem-solving skills and learn how to apply design thinking and systems engineering principles. If you have a background in a related area, such as science or mathematics, the three-year MPE provides an opportunity to gain a professionally recognised qualification in engineering. For those with an engineering degree, you can apply for credit and take this program in accelerated mode (1-2 years) to gain professional recognition in Australia and advance your career.</p>	

### WHAT YOU WILL STUDY

You will take advanced mechanical engineering courses in fluid mechanics, mechanical engineering design, materials science and engineering, engineering computations, dynamics of machines, mechanics of solids and heat transfer. You will also choose from courses in areas such as computer aided engineering and manufacturing, bulk materials handling and transport, renewable energy conversion and engineering economic analysis. Plus, you can choose a major project that's focused on design or research.

### PROFESSIONAL RECOGNITION

This program has been granted provisional accreditation through Engineers Australia.

### CAREER OPPORTUNITES/OUTCOMES

Almost all industries need mechanical engineers. They work in medical, transport, automotive, aerospace, electronics, and mining industries, and in growth sectors like renewable energy, robotics, automation and advanced manufacturing. Engineering continues to be one of the most in-demand qualifications in the world, with many countries experiencing a skills shortage in this field. An MPE will open up even more varied career opportunities, empowering you to take on a leadership role, start your own business or manage major engineering projects.



Scan for more information about this degree.

<b>MASTER OF PROFESSIONAL ENGINEERING (MECHATRONICS)</b>	
<b>CRICOS CODE</b>	092852E
<b>DURATION</b>	2 yrs FT Accelerated options available
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$40,000 2021 A\$42,000
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
<p>This is a flexible degree that will allow you to fast-track your career in engineering. The program includes courses in advanced mechatronics engineering courses in mechatronics design, real-time estimation for embedded systems and advanced estimation, as well as project management and engineering complexity. If you already have an engineering degree from an overseas university but are seeking professional recognition, this two-year MPE will give you an advanced, accredited qualification, preparing you for practice in Australia and around the world. Those with a recognised degree can apply for credit and take this program in accelerated mode to advance their career.</p>	

### WHAT YOU WILL STUDY

In addition to your core courses in mechatronics, you will choose from a range of mechanical and electrical engineering courses in areas like renewable energy systems, bulk materials handling and transportation, computer aided engineering and manufacturing, signal processing, control systems design, and drives and power electronics. You can also broaden your skills base in a complementary area such as business and management, entrepreneurship and innovation, or design. You will also complete a major engineering project.

### PROFESSIONAL RECOGNITION

This program has been granted provisional accreditation through Engineers Australia.

### CAREER OPPORTUNITES/OUTCOMES

Mechatronics engineers work in robotics, aerospace, smart infrastructure, defence, industrial automation, automotive, marine, manufacturing, mining or finance industries. Engineering continues to be one of the most in-demand qualifications in the world, with many countries needing to fill a shortage of professional skills in this field. A Master of Professional Engineering will open up even more varied career opportunities, empowering you to take on a leadership role, start your own business or manage major engineering projects.



Scan for more information about this degree.

<b>MASTER OF PROFESSIONAL ENGINEERING (SOFTWARE)</b>	
<b>CRICOS CODE</b>	098286D
<b>DURATION</b>	3 yrs FT Accelerated options available
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$39,460 2021 A\$41,433
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
<p>The Master of Professional Engineering (Software) is designed to provide a broader and deeper approach to software engineering – and specialise your technical skills. You will also develop project management and complex problem-solving skills and learn how to apply design thinking and systems engineering principles. If you have a background in a related area, such as science or mathematics, the three-year MPE provides an opportunity to gain a professionally recognised qualification in engineering. For those with an engineering degree, you can apply for credit and take this program in accelerated mode (1-2 years) to gain professional recognition in Australia and advance your career.</p>	

### WHAT YOU WILL STUDY

You will deepen your skills through advanced courses in software architecture, databases and information management, web engineering, system security, analysis and design. You can also choose courses in data mining and security, machine intelligence, human-computer interaction, programming languages and computer graphics. You can also take complementary electives in areas such as business and management, entrepreneurship and innovation, design or multimedia. Plus you can choose a major project that's focused on design or research.

### PROFESSIONAL RECOGNITION

This program has been granted provisional accreditation through Engineers Australia.

### CAREER OPPORTUNITES/OUTCOMES

Software engineers play a vital role in a wide range of industries. They work in mining and manufacturing, banking and finance, defence and security, aerospace, power generation and distribution, communications, computer games and other entertainment-related industries. Engineering is one of the most in-demand qualifications in the world, with many countries needing to fill a skills shortage in this field. An MPE will open up even more career opportunities, empowering you to take on a leadership role, start your own business or manage major engineering projects.



Scan for more information about this degree.

# FACULTY OF EDUCATION AND ARTS

We help prepare you for careers in: Communication, Creative Industries, Design, Education, Humanities, Music, Social Work and Speech Pathology.

Become a global citizen and join a vibrant community working to inspire, enrich and transform humanity. Our diverse approaches to learning include outreach experiences, Work Integrated Learning and industry engagement. Our teaching staff come from across the world to prepare our students to be exceptional graduates and to conduct important research in the field.

We are improving the lives of school students through our pioneering research program to enhance the quality of teaching in Australian Schools. We lead a world-first initiative empowering fathers to be better

role models for healthy living. We run a social work practical experience, which addresses the needs of the local community. We are also home to Newcastle's Conservatorium of Music, an Indigenous record label, broadcast studio and radio station. We have industry partnerships with NBN Television, Newcastle Herald, ABC local radio and the Newcastle Writers Festival.



Scan to learn more from some of our students studying communication.




**TOP 100**  
in the world – Education<sup>1</sup>



**TOP 150**  
in the world – Sociology<sup>1</sup>



A portrait of Dr Deborah Wise, a woman with shoulder-length wavy blonde hair, wearing a dark blue long-sleeved top. She is standing in front of a blurred background of vertical light-colored panels.

“Meeting people from an array of cultures and backgrounds has always been fascinating to me. As a lifelong learner, I firmly believe that the learning experience when teaching international students is a two-way street.”

**Dr Deborah Wise**  
Lecturer, School of Creative Industries

## DR DEBORAH WISE

### Lecturer, School of Creative Industries

Dr Deborah Wise is a teacher, researcher and public relations specialist with an impressive track record both in Australia and internationally. Her research interests are in the area of strategic communication with a focus on how words and images influence how people think, feel and act.

Dr Wise received the Faculty of Education and Arts Excellence Award for International Engagement in 2019 and was awarded \$60,000 in New Colombo Plan funding by the Australian Department of Foreign Affairs and Trade to take 18 communication students to Indonesia for a two-week educational and professional development program.

Prior to her current role at the University of Newcastle, Dr Wise was the National Public Relations Officer for Australia's largest community service organisation. Her career move to academia was driven by her passion to pursue research, which contributes to better understanding complex social issues. Deborah currently coordinates several public relations courses at the University of Newcastle's Callaghan and Singapore campuses.

## BACHELOR OF ARTS

<b>CRICOS CODE</b>	001602K
<b>DURATION</b>	3 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan Central Coast Online
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$28,865 2021 A\$30,308
<b>IELTS</b>	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

If you want to expand your knowledge of the past and present world, hone your critical thinking and communication skills, and be inspired, then a Bachelor of Arts is for you. You will be guided by scholars of international standing as you delve into your passions and develop your transferrable skills to prepare you for the workplace. With a broad range of majors, minors and learning streams, this degree allows you to test out your interests and design a program best suited to what you want to study and where you want to go in life.

### WHAT YOU WILL STUDY

Explore diverse areas of study and tailor your degree to suit your interests and ambitions. Choose from the following majors:

- Creative and Performing Arts
- Education
- English and Writing
- Film, Media and Cultural Studies
- French Studies
- German
- Global Indigenous Studies
- History
- Human Geography and the Environment
- Japanese Studies
- Linguistics
- Politics and International Relations
- Psychology Studies
- Sociology and Anthropology.

We offer additional study areas as minors which can be viewed on our website.

### CAREER OPPORTUNITES/OUTCOMES

Our graduates enjoy great employment prospects with over 80% securing jobs within four months of completing their degree<sup>1</sup>. Employment options for graduates are linked with your chosen areas of specialisation and may include roles in local, state and commonwealth public service, non-government organisations, higher education, media and communications, arts and cultural organisations, as well as other diverse sectors which are increasingly calling for employees possessing transferrable skills developed by the Bachelor of Arts.



Scan for more information about this degree. See pages 86-92 for available honours and combined degree options.

## BACHELOR OF COMMUNICATION

<b>CRICOS CODE</b>	000326M
<b>DURATION</b>	3 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan Singapore
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$33,955 2021 A\$35,653
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2 – Callaghan T2 and T3 – Singapore
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

When you study a Bachelor of Communication, you will develop the cutting-edge skills needed to produce groundbreaking and engaging work in diverse media industries. Learn from passionate staff and push your individual creative boundaries while embracing the changing nature of today's communication landscape. Choose your major and develop work-ready skills – from critical thinking and writing, to creating content for television, film, radio and gaming.

### WHAT YOU WILL STUDY

The Bachelor of Communication will provide you with a broad understanding of the discipline of communication and prepare you to work creatively and analytically in the communication and media industries. You can specialise in one or two of the following majors:

- Experience Creation
- Media Production
- News and Digital Media
- Public Relations and Strategic Communication.

Additional major options are available to study alongside one Communication major. Choose from Visual Communication Design majors of Animation or User Experience (UX) Design.

### PROFESSIONAL RECOGNITION

Students who complete this degree with the Public Relations and Strategic Communication major will graduate with a degree accredited by the Public Relations Institute of Australia (PRIA).

### CAREER OPPORTUNITES/OUTCOMES

Graduates can find employment in a variety of roles across many different types of organisations. Some example jobs include:

- AR/VR Specialist
- Camera Operator
- Copywriter
- Digital Producer
- Director
- Editor
- Festival/Events Coordinator
- Film and Documentary Maker
- Film/Television Production Assistant
- Games Designer
- News and Specialist Reporters
- Radio Producer
- Scriptwriter
- Web Designer.



Scan for more information about this degree. See pages 86-92 for available honours and combined degree options.

## BACHELOR OF SOCIAL SCIENCE

<b>CRICOS CODE</b>	014637C
<b>DURATION</b>	3 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan Central Coast
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$28,415 2021 A\$29,836
<b>IELTS</b>	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Explore the complexities of the social world in which we live through the Bachelor of Social Science. Analyse the social structures, issues and relationships that are at the core of society to develop your cultural knowledge, problem-solving abilities and other transferrable skills. Make your mark by crafting strategies and solutions to various social challenges, with specialised knowledge in an area you choose as a major. This degree empowers you to design and determine your own future.

### WHAT YOU WILL STUDY

Pursue what interests you and choose your specialisation from 11 diverse areas of study.

- Criminology
- Global Indigenous Studies
- History
- Human Geography and the Environment
- Human Resource Management and Industrial Relations
- Human Services
- Leisure and Tourism Management
- Linguistics
- Politics and International Relations
- Psychology Studies
- Sociology and Anthropology.

### CAREER OPPORTUNITES/OUTCOMES

Whatever your preferred path, you will graduate with work-ready skills for a career such as:

- Aboriginal Cultural Educational Officer
- Case Manager/Worker
- Corrections Officer
- Criminologist
- Cultural Development Officer
- Demographer
- Foreign Affairs and Trade Officer
- Health Promotion Officer
- Historian
- Linguist
- Police Officer
- Social Scientist
- Tourist Information Officer.



Scan for more information about this degree. See pages 86-92 for available honours and combined degree options.

<b>BACHELOR OF SOCIAL WORK (HONOURS)</b>	
<b>CRICOS CODE</b>	027437D
<b>DURATION</b>	4 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan Central Coast
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$31,600 2021 A\$33,180
<b>IELTS</b>	IELTS overall minimum - 7.0 IELTS section minimum - 7.0
<b>INTAKE</b>	S1
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
The Bachelor of Social Work (Honours) will prepare you for a professional career as a social worker. You will learn about supporting and resolving personal and social relationship issues, encouraging social change, tackling structural disadvantage and creating opportunities for others to achieve their goals. Put your learnings into practice with 1,000 hours of supervised placement, and graduate ready to meet the strong demand for qualified social workers in an ever-expanding field.	

### WHAT YOU WILL STUDY

The Bachelor of Social Work (Honours) program integrates theory and evidence with social work values and skills for practice. You will undertake a combination of workshop-based teaching, small group and hands-on, active Work Integrated Learning. Core units of study in the program include:

- Social work
- Aboriginal studies
- Sociology
- Law for Social Work
- Psychology
- Social Policy and Planning
- Social Work Ethics.

### PROFESSIONAL RECOGNITION

Accredited by the Australian Association of Social Workers (AASW).

### CAREER OPPORTUNITES/OUTCOMES

Social work graduates work in a variety of rewarding careers across health, welfare, policy and advocacy, making a difference to individuals, families, groups, organisations and communities. 94% of our graduates are employed within four months of graduating<sup>1</sup> and Australian graduates are highly sought after internationally. In Australia, social workers practice in a number of fields including:

- aged care
- child protection
- community development
- disability and health
- education
- family and relationship counselling
- housing and income support
- mental health and substance use
- refugees and asylum seekers
- social policy.



Scan for more information about this degree

<b>BACHELOR OF SPEECH PATHOLOGY (HONOURS)</b>	
<b>CRICOS CODE</b>	029748F
<b>DURATION</b>	4 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$36,160 2021 A\$37,968
<b>IELTS</b>	IELTS overall minimum - 7.0 IELTS section minimum - 7.0
<b>INTAKE</b>	S1
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
Speech pathologists are allied health professionals responsible for the assessment and treatment of children and adults with communication and swallowing disorders. This is used across a range of practice areas including speech, language, voice, fluency, swallowing and multimodal communication. You will have the opportunity to study with award-winning researchers and gain an understanding of the profession through substantial clinical experience.	

### WHAT YOU WILL STUDY

This is an interdisciplinary program, covering linguistics, human bioscience, statistics, psychology as well as speech pathology specific courses. You will develop competencies and skills to confidently assess, diagnose and treat a range of conditions including speech, language, fluency, voice and swallowing disorders across the lifespan, and working to assist people with a range of communication and swallowing disorders resulting from stroke, head injury, developmental and/or progressive neurological disorders such as cerebral palsy or Parkinson's disease.

### PROFESSIONAL RECOGNITION

Accredited by the Speech Pathology Association of Australia. Accreditation is recognised in Canada, the United Kingdom, New Zealand and the United States of America. This degree is also recognised by Ministry of Health, Singapore.

### CAREER OPPORTUNITES/OUTCOMES

Our speech pathology graduates are highly employable with 87% securing employment within four months of completing their degree<sup>1</sup>. This degree, and professional accreditation, prepares graduates for immediate professional employment. Diverse work opportunities exist in hospitals, community health centres, schools, private practice and aged care facilities. There are opportunities in health promotion, research and health services. Fluency in other languages enriches the skills and services provided by professional speech pathologists.



Scan for more information about this degree

<b>BACHELOR OF VISUAL COMMUNICATION DESIGN</b>	
<b>CRICOS CODE</b>	0100759
<b>DURATION</b>	3 yrs FT
<b>LOCATIONS</b>	Newcastle – City
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$34,425 2021 A\$36,146
<b>IELTS</b>	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
In today's increasingly digital environment, the demand for visual communication specialists is high. You will learn to create visual material across a variety of formats and channels including broadcast, web, film, television, advertising, publishing, and industry. Develop your skills in our state-of-the-art creative facilities, and learn from a range of specialists with expertise covering graphic design, user experience design, design thinking and more. Graduate with a professional portfolio, ready to use visual design to shape the world.	

### WHAT YOU WILL STUDY

Our core courses give you a strong foundation in the fundamentals of visual communication while the majors enable you to focus on more specialised areas that inspire you. You will have the option to major in one of four areas:

- Animation
- Graphic Communication and Typography
- Illustration
- Interaction and User Experience Design.

Other major options are available alongside your Visual Communication major, such as Experience Creation or Media Production.

### PROFESSIONAL RECOGNITION

Upon graduation, students can seek accreditation independently with the Australian Graphic Design Association, Design Institute of Australia and Illustrators Institute of Australia.

### CAREER OPPORTUNITES/OUTCOMES

There are a broad range of career options for graduates of this program, including:

- Art Director
- Brand and Identity Specialist
- Concept Artist
- Creative Director
- Data Designer
- Design Production Manager.



Scan for more information about this degree. See pages 86-92 for available honours degree options.



## MASTER OF CREATIVE INDUSTRIES

<b>CRICOS CODE</b>	096166F
<b>DURATION</b>	1.5 yrs FT
<b>LOCATIONS</b>	Newcastle – City Online
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$35,870 2021 A\$37,664
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	T1, T3
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

The Master of Creative Industries will engage your creativity, develop your professional skills and prepare you for a broad range of creative jobs upon graduation. You will use our state-of-the-art facilities and our Innovation Labs to explore your ideas and collaborate in an interdisciplinary learning environment. Learn how to transform your passions into viable commercial endeavours under the guidance of industry experts, and graduate ready to take the next step in your career.

### WHAT YOU WILL STUDY

This program will provide you with a strong basis in research, entrepreneurship, and innovative practices, while also allowing you to select subjects in areas that interest you. Disciplines offered include:

- Interactive Design
- Digital Marketing
- Literature
- Project Management
- Music
- Digital Media
- Consumer Behaviour.

You can also complement your interests with electives from across the university.

### CAREER OPPORTUNITES/OUTCOMES

The Master of Creative Industries opens the door to a broad range of career paths, including work in:

- advertising and marketing
- architecture and interior design
- audio visual design
- communication and media studies
- creative arts
- creative writing and publishing
- digital content and software
- drama and theatre studies
- fine arts
- graphic arts and design studies
- graphic and design studies
- graphic and electronic design
- journalism
- language and literature
- music and performing arts
- television, print and radio production
- visual arts, film and cinematics.

## MASTER OF EDUCATION

<b>CRICOS CODE</b>	096748F
<b>DURATION</b>	1 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan Online
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$33,090 2021 A\$34,745
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

If you are a practising education professional looking to increase your qualifications, come and study with a School of Education ranked in the top 100 in the world. This program will enhance your knowledge of education theory and practice, explore contemporary education issues, and connect you with the latest developments in the field. Upon graduation you will be positioned as an educational leader with diverse career opportunities that will see you excel within the classroom or beyond.

### WHAT YOU WILL STUDY

Shape your own learning within the Master of Education by choosing one of our two streams – professional learning or teacher retraining. Professional learning is available in the following areas:

- Advanced Studies in Education
- Comparative Education
- Instructional Leadership
- ICT and Digital Education
- Early Childhood Teaching
- STEM Education.

Retraining is provided in the areas of:

- Aboriginal Studies
- Mathematics
- Engineering
- L2 (Second Language Teaching)
- Teaching English to Speakers of Other Languages.

### CAREER OPPORTUNITES/OUTCOMES

You can work anywhere in the world with this program being recognised internationally. 100% of our graduates find employment within four months of completing the Masters program<sup>1</sup>. There are a range of career paths including:

- Higher Education Teacher within TAFEs and university sectors
- Education Consultant or Advisor within TAFEs, universities or schools
- specialist teacher in areas such as language, geography, computing and history, secondary maths, physics and chemistry
- leadership, coordination, specialist or professional development positions in school systems.



Scan for more information about this degree.



Scan for more information about this degree.

<b>MASTER OF LEADERSHIP AND MANAGEMENT IN EDUCATION</b>	
<b>CRICOS CODE</b>	023082C
<b>DURATION</b>	1 yr FT
<b>LOCATIONS</b>	Newcastle – Callaghan Online
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$32,400 2021 A\$34,020
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
<p>The Master of Leadership and Management in Education is a powerful and applicable program which will expand your skills in people management, education strategy, and policy. You will be mentored by knowledgeable and passionate staff as you gain expertise in research-based and data driven decision-making and explore your leadership potential. Study at a School of Education ranked in the top 100 in the world and graduate ready to step into new leadership challenges and improve the lives and learning of all students in your school community.</p>	

### WHAT YOU WILL STUDY

You will complete core courses to give you a strong foundation in strategic leadership and transformation, with the freedom to tailor the rest of your program. You can undertake a minor research project, or develop skills in change management, mentoring, ICT and more. You could even complement your studies with an industry project.

### CAREER OPPORTUNITES/OUTCOMES

The Master of Leadership and Management in Education prepares graduates for roles such as:

- School Principal, Deputy or Assistant Principal
- Head Teacher or Leading Teacher
- organisational leaders
- educational administrators
- curriculum development and leaders
- education policy and advisory roles.



Scan for more information about this degree.

<b>MASTER OF SOCIAL CHANGE AND DEVELOPMENT</b>	
<b>CRICOS CODE</b>	088342F
<b>DURATION</b>	1.5 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan Online
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$29,755 2021 A\$31,243
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
<p>Develop an in-depth understanding of social change in the rapidly changing global environment, and graduate ready to make your mark on the world. You will be prepared with advanced theoretical and applied knowledge, allowing you to work within funded development projects, aid organisations and government departments. You will undertake a small research project at the University of Newcastle which is ranked eight in Australia for research.</p>	

### WHAT YOU WILL STUDY

You will learn the basics of development and social change, including recognising the implications of global changes on local communities. Complement your coursework with a small research project on a topic of interest to you. You can also choose electives from a broad range of areas including community development, environmental justice, international health, Aboriginal studies, disaster risk reduction and more.

### CAREER OPPORTUNITES/OUTCOMES

The Master of Social Change and Development will enable you to take on high-level roles within funded development projects, aid organisations and government departments. Graduate ready to work anywhere you choose with our nationally and internationally recognised degree. The following list provides some typical examples of jobs available to graduates:

- Policy Analyst
- Community and Social Developer
- Advocacy and Public Policy Coordinators
- Overseas Aid Officer
- Ministry of Finance in developing countries.



Scan for more information about this degree.

<b>MASTER OF SPECIAL AND INCLUSIVE EDUCATION</b>	
<b>CRICOS CODE</b>	096167E
<b>DURATION</b>	1 yr FT
<b>LOCATIONS</b>	Newcastle – Callaghan Online
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$32,400 2021 A\$34,020
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
<p>The Master of Special and Inclusive Education is a coursework program which will position you as an industry expert in the area of inclusive practices and special needs learning outcomes. You will be equipped with the skills and knowledge to assess student needs and abilities, and to address identified learning difficulties or challenge-specific areas. Study in a School of Education ranked in the top 100 in the world, and graduate with a qualification that is globally in demand.</p>	

### WHAT YOU WILL STUDY

You will complete core courses to provide a grounding in special education, teaching techniques, and research, complemented by a specialisation in one of the following areas:

- Deaf Studies and Deaf Education
- Early Childhood
- Emotional Disturbance/Behavioural Problems
- General Special Education.

Students wishing to gain practical experience can undertake a practicum course.

### CAREER OPPORTUNITES/OUTCOMES

Upon completion of the program, qualified teachers will have the opportunity to embark on career pathways in special or inclusive education settings or early childhood intervention services. For qualified teachers currently working in special or inclusive education settings, the qualification has the potential to enhance your leadership and career prospects. Career pathways for those with an allied health degree include special care worker, developmental support worker, community/disability support worker, or therapeutic support staff. Please note the program does not provide a pre-service teaching qualification.



Scan for more information about this degree.

# FACULTY OF HEALTH AND MEDICINE

We help prepare you for careers in: Medical Radiation Science, Nursing, Occupational Therapy, Oral Health, Pharmacy, Physiotherapy, Podiatry and Public Health.

Our pioneering research contributes to better healthcare for local and global communities, while advanced learning technologies like virtual reality simulations, provide you with a hands-on learning experience. With high-quality teaching and state-of-the-art facilities, our faculty will enrich your experience of studying in Australia.

Benefit from up-to-date industry knowledge from teachers that also work in the healthcare and medical industry. Our key research and education partnerships include the Hunter Medical Research Institute, Calvary Mater Hospital Newcastle and the Central Coast, Hunter New England and Mid North Coast Local Health Districts.



**RANKED  
38**

in the world – Nursing<sup>1</sup>



**TOP  
150**

in the world – Medicine<sup>1</sup>



**12**

Medical and Health Sciences areas rated 'well above world standard'<sup>2</sup>



**94%**

of our Nursing graduates found employment within four months<sup>3</sup>



**99.1%**

of our Medicine graduates found employment within four months<sup>3</sup>



**97.1%**

of our Physiotherapy graduates found employment within four months<sup>3</sup>





“Nursing is the most rewarding, diverse and flexible career and most importantly makes a difference in people’s lives. As an educator, I enjoy empowering students, patients and their families to take better care of themselves.”

**Professor Regina Lee**  
Professor, School of Nursing and Midwifery

## PROFESSOR REGINA LEE

**Professor, School of Nursing and Midwifery**

With a Master of Science and doctoral degree in nursing, Professor Regina Lee has practised nursing across the globe in areas such as neonatal intensive care, paediatrics, school health and public health. Her recent research projects explored unstructured play and mindfulness-based intervention in early childhood development and the impact of social isolation in the wider community.

Professor Lee is the founder and President of the Hong Kong School Nurses Association and convener of the Asia Pacific Child and Adolescent Health Research Network at the University of Newcastle.

Professor Lee is currently collaborating with the World Health Organisation (WHO) and regional experts to conduct research on healthy lifestyle behaviours and adolescent quality of life. She has been working with local and international experts to address the health needs of school children with developmental disabilities as well as setting up health promotion initiatives in schools.

## BACHELOR OF BIOMEDICAL SCIENCE

<b>CRICOS CODE</b>	023110D
<b>DURATION</b>	3 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$37,475 2021 A\$39,349
<b>IELTS</b>	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
<b>INTAKE</b>	S1
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

You will develop the knowledge and skills to contribute to the global advancement of medical research, practice and policy. Your degree can be tailored to suit your career goals. As a medical researcher, you can help develop life-saving advancements against disease, or contribute to science using groundbreaking medical innovations to solve real-world problems. Hone your skills using the highest quality equipment in our purpose-built A\$17.3 million medical sciences precinct, including innovative laboratories.

### WHAT YOU WILL STUDY

Opportunities to study a wide range of courses are available through face-to-face and online learning. Choose from one of the following majors:

- Medical/Health Professional
- Advanced Medical Research
- Industry and Education.

Core courses provide advanced theoretical knowledge in:

- physiology
- anatomy
- biochemistry
- medical genetics
- immunology.

### CAREER OPPORTUNITES/OUTCOMES

Graduates from the Bachelor of Biomedical Science can complete further studies in health and medicine, or work in a variety of industries including allied health, pharmaceutical, biotechnology industries, research or academia.

Some typical roles include:

- Biotechnologist
- Clinical Research Coordinator
- Geneticist
- Pharmaceutical Scientist
- Reproductive Medicine/IVF Specialist
- Science Educator.

## BACHELOR OF MEDICAL RADIATION SCIENCE (HONOURS) (DIAGNOSTIC RADIOGRAPHY)

<b>CRICOS CODE</b>	088060E
<b>DURATION</b>	4 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$34,030 2021 A\$35,732
<b>IELTS</b>	IELTS overall minimum - 7.0 IELTS section minimum - 7.0
<b>INTAKE</b>	S1
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Diagnostic radiography is an important first step to diagnosing, treating and managing injuries and disease. Through the Bachelor of Medical Radiation Science (Honours) (Diagnostic Radiography), you will learn how to use advanced technology to create medical images and analyse and manage patient health. Diagnostic radiographers work in public and private settings in metropolitan, regional and rural areas. The medical images you produce will help to make accurate diagnosis and play an important role in improving patient outcomes.

### WHAT YOU WILL STUDY

This degree has a strong foundation in physical, biomedical and behavioural sciences. You will build essential patient management skills and use cutting-edge technologies, including 2D and 3D imaging – developing your skills in our world-class facilities. All students gain hands-on radiography experience, completing up to 42 weeks of professional practice over the duration of the program, starting in first year. Placements will be in metropolitan and regional settings along with a mandatory rural placement.

Areas of study include:

- anatomy and physiology
- clinical education
- instrumentation
- physics
- radiation protection
- statistics and research methodology.

### PROFESSIONAL RECOGNITION

Once you graduate, you are eligible to apply for registration with the Medical Radiation Practice Board of Australia under the Australian Health Practitioner Regulation Agency (AHPRA).

### CAREER OPPORTUNITES/OUTCOMES

Our graduates enjoy great employment prospects, with 96% finding work soon after finishing their studies.

Some typical roles include:

- Chief Radiographer
- CT Radiographer
- Diagnostic Radiographer
- Medical Imaging Technologist
- MR Radiographer
- Sonographer.

## BACHELOR OF MEDICAL RADIATION SCIENCE (HONOURS) (NUCLEAR MEDICINE)

<b>CRICOS CODE</b>	088061D
<b>DURATION</b>	4 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$34,030 2021 A\$35,732
<b>IELTS</b>	IELTS overall minimum - 7.0 IELTS section minimum - 7.0
<b>INTAKE</b>	S1
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Nuclear medicine graduates from the University of Newcastle are sought after worldwide. As a nuclear medicine scientist, you'll apply medical imaging technologies and radioactive chemical compounds (called radiopharmaceuticals) to image the function or physiology of the body. Nuclear medicine scientists use this knowledge to diagnose, treat and prevent disease, providing support to a wide range of patients, from professional athletes with sports injuries, to young children and the elderly with cancer.

### WHAT YOU WILL STUDY

You will refine your skills using cutting-edge technology in our world-class facilities, such as our on-campus radiopharmacy laboratory – the largest of its kind in the southern hemisphere. All students will complete 42 weeks of clinical placement, supervised and mentored by qualified nuclear medicine scientists in both public and private centres, preparing you for a successful career in nuclear medicine.

Areas of study include:

- anatomy
- molecular imaging
- nuclear medicine theory
- patient care
- nuclear medicine instrumentation and radiopharmacy
- statistics and research methodology.

### PROFESSIONAL RECOGNITION

Once you graduate, you are eligible to apply for registration with the Medical Radiation Practice Board of Australia under the Australian Health Practitioner Regulation Agency (AHPRA).

### CAREER OPPORTUNITES/OUTCOMES

Our graduates enjoy great job prospects with 88% finding work within four months of completing their degree<sup>1</sup>.

Some typical roles include:

- Nuclear Medicine Technologist
- Nuclear Medicine Technician
- PET Technologist.



Scan for more information about this degree. See page 90 for available honours degree options.



Scan for more information about this degree.



Scan for more information about this degree.

## BACHELOR OF MEDICAL RADIATION SCIENCE (HONOURS) (RADIATION THERAPY)

<b>CRICOS CODE</b>	088062C
<b>DURATION</b>	4 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$34,030 2021 A\$35,732
<b>IELTS</b>	IELTS overall minimum - 7.0 IELTS section minimum - 7.0
<b>INTAKE</b>	S1
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Radiation therapy uses advanced radiation technology to target, shrink and destroy cancer cells. As a radiation therapist, you might help discover a radiology treatment that cures melanoma or develop a new technique that reduces radiation exposure. Studying a Bachelor of Medical Radiation Science (Honours) (Radiation Therapy) will set you on a path to make your mark on the world.

### WHAT YOU WILL STUDY

You will complete 42 weeks of a professional placement in metropolitan, regional and rural settings under the guidance of a mentor. You will also have access to world-class facilities such as our 3D radiation therapy simulation laboratory, the first of its kind in Australia. You will gain professional radiation therapy skills through case-based training and interactive teamwork activities, integrating learning into real-life situations.

Areas of study include:

- anatomy
- behavioural science
- clinical methods
- imaging and treatment technologies
- oncology
- statistics and research methodology.

### PROFESSIONAL RECOGNITION

Once you graduate, you are eligible to apply for registration with the Medical Radiation Practice Board of Australia under the Australian Health Practitioner Regulation Agency (AHPRA).

### CAREER OPPORTUNITES/OUTCOMES

Our graduates enjoy great job prospects, with 93% finding work within four months of completing their degree<sup>1</sup>.

Some typical roles include:

- Chief Radiation Therapist
- Dosimetrist
- Radiation Therapist
- Medical Physicist.



Scan for more information about this degree.

## BACHELOR OF MEDICAL SCIENCE AND DOCTOR OF MEDICINE (JOINT MEDICAL PROGRAM)

<b>CRICOS CODE</b>	082394J
<b>DURATION</b>	5 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$74,446 2021 A\$76,328
<b>IELTS</b>	IELTS overall minimum - 7.0 IELTS section minimum - 7.0
<b>INTAKE</b>	S1
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Launch your medical career in a world-class medical degree program. This program has been designed to ensure it is and remains relevant to a rapidly changing health care environment. You will graduate having learned the medical expertise and skills to help maintain and promote individual and community health in Australia and around the world.

Gain your qualification with support from medical education experts and medical and inter-professional health care practitioners. The Bachelor of Medical Science degree and Doctor of Medicine – Joint Medical Program (MD-JMP) undertaken over five years is offered by the University of Newcastle in partnership with the University of New England and Hunter New England Local Health District and Central Coast Local Health District.

### WHAT YOU WILL STUDY

This five-year program combines the Bachelor of Medical Science and Doctor of Medicine, studied in that order. A Bachelor of Medical Science must be completed before progressing. This program is designed to be a staged transition from campus-based learning to practical learning in clinical settings. In the first two years, which is focused on campus-based learning, we use an integrated problem-based curriculum involving self-directed learning and tutorial participation. The last three years of this program focus on applying biomedical knowledge and clinical skills in placements within hospitals, community health services and general practice.

### PROFESSIONAL RECOGNITION

On successful completion of the Joint Medical Program, graduates are eligible for provisional registration with the Medical Board of Australia under the Australian Health Practitioner Regulation Agency (AHPRA). A period of accredited intern training is then required before general registration as a medical practitioner can be approved.

### CAREER OPPORTUNITES/OUTCOMES

Our graduates enjoy great job prospects. Following completion of an intern year, a wide range of roles are possible with further postgraduate training. Typical graduate roles include:

- Diagnostic specialist, e.g. Radiologist, Pathologist
- Medical Researcher
- Emergency Doctor
- Medical Specialist, e.g. Obstetrician and Gynecologist, Paediatrician, Psychiatrist, Public Health Physician, Surgeon.
- General Practitioner (GP)
- Medical Administrator

### ADMISSION REQUIREMENTS AND PATHWAYS

There are targeted international student cohorts who are eligible to apply for direct admission to this program. Additional selection requirements apply including a face-to-face interview. Scan the QR code below to enquire about eligibility and how to apply.

Note: Applications are now open to International students currently studying final secondary exams in Australia.

If students do not meet eligibility requirements for direct admission, Newcastle International College (NIC) does offer an alternate pathway into this program. See page 30 for more details about NIC.



Scan to enquire about this degree.



## BACHELOR OF NURSING

CRICOS CODE	072609D
DURATION	3 yrs FT
LOCATIONS	Newcastle – Callaghan Central Coast
INDICATIVE ANNUAL FEE	2020 A\$34,355 2021 A\$36,073
IELTS	IELTS overall minimum - 7.0 IELTS section minimum - 7.0
INTAKE	S1
PRACTICAL EXPERIENCE	Opportunities available

### COURSE OVERVIEW

As one of the most trusted professions, nurses make a real difference to the health and wellbeing of the community and are essential within any healthcare system or facility. Nurses work in fast-paced environments, providing quality healthcare to individuals, families and communities and are highly employable across Australia and around the world. When you study a Bachelor of Nursing, you will develop the skills needed to make an important and meaningful contribution to society, no matter the direction you choose for your career.

### WHAT YOU WILL STUDY

The Bachelor of Nursing mixes face-to-face and online learning with plenty of hands-on nursing experience in simulated learning environments and professional clinical placements. You will complete 800 hours of compulsory clinical placements in a variety of settings from medical-surgical facilities, acute care, mental health settings to aged care and rural and remote health facilities. Clinical placements occur in two five-week blocks and involve morning and evening shifts. Night duty is introduced in your final year. You will be inspired by our enthusiastic and experienced educators and internationally ranked researchers who bring courses to life and share their love of learning. You will study nursing theory and practice in:

- primary, secondary and tertiary nursing
- aged care
- mental health
- human bioscience.

### PROFESSIONAL RECOGNITION

Nursing graduates are eligible to apply for registration with the Nursing and Midwifery Board of Australia, under the Australian Health Practitioner Regulation Agency (AHPRA).

### CAREER OPPORTUNITES/OUTCOMES

Our graduates enjoy great job prospects with 94% securing work within four months of completing their degree<sup>1</sup>. Registered Nurses can have careers in diverse areas such as aged care, mental health, community health, critical care, intensive care, oncology, operating theatres and paediatrics.

Career progression roles include:

- Registered Nurse
- Clinical Nurse Consultant/Specialist
- Nurse Educator
- Manager
- Practitioner
- Researcher.



Scan for more information about this degree.  
See page 90 for available honours degree options.

## BACHELOR OF NUTRITION AND DIETETICS (HONOURS)

CRICOS CODE	001131C
DURATION	4 yrs FT
LOCATIONS	Newcastle – Callaghan
INDICATIVE ANNUAL FEE	2020 A\$35,330 2021 A\$37,097
IELTS	IELTS overall minimum - 7.0 IELTS section minimum - 7.0
INTAKE	S1
PRACTICAL EXPERIENCE	Opportunities available

### COURSE OVERVIEW

There is growing demand for graduates of this degree as diet and nutrition-related diseases – such as heart disease, diabetes and obesity – become more common worldwide. You will have access to world-class researchers and educators, and learn how to manage patient health and discover the powerful science of human nutrition. A career in nutrition and dietetics is very rewarding, as you help people learn how nutrition and health are intertwined. You could help prevent disease, or improve the overall health in your community and worldwide.

### WHAT YOU WILL STUDY

Students will gain valuable hands-on experience by completing approximately 800 hours of supervised professional practice in a variety of settings including hospitals, outpatient clinics, community health centres and within rural communities. This degree combines theoretical and scientific knowledge with practical learning to ensure you are prepared for a successful career in nutrition and dietetics. Areas of study include:

- basic and applied sciences
- social sciences
- medical nutrition therapy
- public health nutrition
- food service and management
- professional practice
- dietetic practice
- paediatric nutrition and dietetics
- statistics and research methodology.

### PROFESSIONAL RECOGNITION

Once you graduate, you are eligible to apply for Accredited Practising Dietitian status as well as full membership with the Dietitians Association of Australia.

### CAREER OPPORTUNITES/OUTCOMES

The field of nutrition and dietetics continues to grow and offers varied career options.

Typical roles include:

- Clinical Dietitian
- Food Service Dietitian/Manager
- Health Administrator
- Health Educator
- Health Promotion Officer
- Health Writer
- Nutritionist
- Public Health Dietitian
- Sports Dietitian
- Researcher.



Scan for more information about this degree.

<b>BACHELOR OF OCCUPATIONAL THERAPY (HONOURS)</b>	
<b>CRICOS CODE</b>	001132B
<b>DURATION</b>	4 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$34,540 2021 A\$36,267
<b>IELTS</b>	IELTS overall minimum - 7.0 IELTS section minimum - 7.0
<b>INTAKE</b>	S1
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
Do you want to work with people and communities to overcome challenges? The work of an occupational therapist is incredibly broad. With the Bachelor of Occupational Therapy (Honours), you can help children reach developmental milestones. You could assist people in returning to their daily lives after a stroke or hip replacement, or design programs that allow people to return to their jobs after workplace injuries. Graduates complete more than 1,000 hours of clinical placements in public and private centres over the course of the degree.	

### WHAT YOU WILL STUDY

You will gain theoretical knowledge in biomedical, behavioural and occupational sciences and participate in practical, case-based training and interactive teamwork activities. Areas of study include:

- anatomy and physiology
- biomedical, behavioural, and occupational sciences and therapy
- mental health
- psychology
- sociology and community development
- statistics and research methodology.

### PROFESSIONAL RECOGNITION

The University of Newcastle's Occupational Therapy (Honours) is accredited by the Occupational Therapy Board of Australia (OTB) under the Australian Health Practitioner Regulation Agency (AHPRA).

### CAREER OPPORTUNITES/OUTCOMES

Our graduates enjoy great job prospects with 97% securing work within four months of completing their degree<sup>1</sup>.

Some typical roles include:

- Injury Management Advisor
- Lifestyle Coordinator
- Occupational Therapist
- Rehabilitation Consultant.



Scan for more information about this degree.

<b>BACHELOR OF ORAL HEALTH THERAPY</b>	
<b>CRICOS CODE</b>	084069F
<b>DURATION</b>	3 yrs FT
<b>LOCATIONS</b>	Central Coast
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$38,500 2021 A\$40,425
<b>IELTS</b>	IELTS overall minimum - 7.0 IELTS section minimum - 7.0
<b>INTAKE</b>	S1
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
The Bachelor of Oral Health Therapy provides graduates with dual qualifications in dental hygiene and dental therapy and is the only program in NSW that qualifies you to treat both children and adults – broadening your career options and boosting your employability. You will work closely with professional dental practitioners and learn to perform a range of preventative and minor restorative tasks, educate your community on best practices and discover better ways for controlling and treating disease.	

### WHAT YOU WILL STUDY

This degree will build your scientific knowledge and clinical skills, using a population-based approach to oral health care. Discover how oral health and general health are intertwined and develop the skills needed to help improve overall individual and community wellbeing. Students complete a minimum of 500 hours of hands-on practice throughout their degree. This includes specialist dental departments and community dental clinics across NSW and in our on-campus oral health clinic.

Areas of study include:

- clinical treatment for children, the elderly, Indigenous Australians and special needs groups
- communication
- dental therapy
- health promotion
- human bioscience and anatomy
- oral pathology
- periodontology
- radiography.

### PROFESSIONAL RECOGNITION

Tick the boxes for professional registration - with the Australian Health Practitioner Regulation Agency (AHPRA).

### CAREER OPPORTUNITES/OUTCOMES

With dual qualifications, many University of Newcastle graduates are quickly employed in dental hygiene or dental therapy roles. This degree will not qualify a student to become a Dentist but allows graduates to work with practitioners in clinics and perform a range of specialist tasks. Typical roles include:

- Dental Assistant
- Dental Hygienist
- Dental Prosthetist
- Dental Technician
- Health Promotion Officer
- Oral Health/Dental Therapist.



Scan for more information about this degree.

<b>BACHELOR OF PHARMACY (HONOURS)</b>	
<b>CRICOS CODE</b>	079931D
<b>DURATION</b>	4 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$38,710 2021 A\$40,646
<b>IELTS</b>	IELTS overall minimum - 7.0 IELTS section minimum - 7.0
<b>INTAKE</b>	S1
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
Pharmacists play an important role in the delivery of healthcare services. As a pharmacist, you will work directly with the community in pharmacies and hospitals, informing people and other health professionals on the best use and management of medications. When you study a Bachelor of Pharmacy (Honours), you will learn how to provide advice on the symptoms and management of common conditions, prepare medications, and educate patients and customers on a wide range of health and wellbeing matters.	

### WHAT YOU WILL STUDY

You will develop an extensive knowledge of the essential sciences, pharmacotherapeutics and pharmaceutical sciences that are required to practice as a pharmacist. You will also complete over 420 hours of clinical placement in a variety of settings both locally and nationally. Areas of study include:

- core biomedical sciences, including anatomy and physiology
- dosage formulations
- chemistry
- drug design and discovery
- epidemiology
- pharmacotherapeutics
- pharmacy practice.

### PROFESSIONAL RECOGNITION

Once you graduate, you will need to complete a one-year internship before being registered with the Pharmacy Board of Australia under the Australian Health Practitioner Regulation Agency (AHPRA) requirements. This degree is accredited by the Australian Pharmacy Council.

### CAREER OPPORTUNITES/OUTCOMES

A career in pharmacy is diverse, you could work in drug design, discovery and formulation development, pharmacy practice, or personalised healthcare and health technologies assessment.

Typical roles include:

- Community Pharmacist
- Hospital Pharmacist
- Industrial Pharmacist
- Pharmaceutical Policy Officer.



Scan for more information about this degree.

## BACHELOR OF PHYSIOTHERAPY (HONOURS)

<b>CRICOS CODE</b>	039298M
<b>DURATION</b>	4 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$36,610 2021 A\$38,441
<b>IELTS</b>	IELTS overall minimum - 7.0 IELTS section minimum - 7.0
<b>INTAKE</b>	S1
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Graduates of Physiotherapy (Honours) work with people of all ages to help them stay well and maintain independence and quality of life. You will have the chance to learn from research leaders and enhance your skills in our world-class facilities including laboratories featuring modern physiotherapy equipment. This degree combines academic theory with extensive practical experience to produce graduates who are ready to meet the needs of community and the changing healthcare system.

### WHAT YOU WILL STUDY

You will develop your physiotherapy professional skills and graduate work-ready through the study of theoretical courses in clinical physiotherapy, biomedical and behavioural sciences. Real-world experience is gained while completing multiple high quality supervised clinical placements in both public and private healthcare services.

Your areas of study will include:

- biomedical subjects including advanced anatomy, physiology and pathophysiology and exercise science
- clinical physiotherapy
- health promotion and public health
- statistics and research methodology.

### PROFESSIONAL RECOGNITION

This degree has full accreditation awarded by the Australian Physiotherapy Council. Graduates are eligible to apply for registration with the Physiotherapy Board of Australia under the Australian Health Practitioner Regulation Agency (AHPRA).

### CAREER OPPORTUNITES/OUTCOMES

Our graduates have great job prospects with 97% securing work within four months of finishing their degree<sup>1</sup>, a physiotherapy qualification from the University of Newcastle will ensure you have the vital skills required to excel as a health professional. Physiotherapy graduates work in various public and private settings including hospitals, rehabilitation and community centres, aged care, with sporting teams and in private practice.



Scan for more information about this degree.

## BACHELOR OF PODIATRY

<b>CRICOS CODE</b>	058964B
<b>DURATION</b>	3 yrs FT
<b>LOCATIONS</b>	Central Coast
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$36,960 2021 A\$38,808
<b>IELTS</b>	IELTS overall minimum - 7.0 IELTS section minimum - 7.0
<b>INTAKE</b>	S1
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

The Bachelor of Podiatry is the only three-year, accelerated, undergraduate podiatry degree in Australia. As a podiatrist, you will help patients with their mobility by diagnosing, treating and preventing lower leg and foot problems and promoting good health. You could find yourself managing sports injuries, addressing developmental issues in children or helping restore a person's independence and mobility. University of Newcastle podiatry graduates are highly employable thanks to our world-class podiatry clinic.

### WHAT YOU WILL STUDY

You will gain real-world experience completing more than 1,000 hours of practical hands-on training and work alongside qualified podiatrists. You will discover how to identify and analyse complex health problems within podiatry practice and develop solutions to patient concerns.

Your course topics will include:

- anatomy
- physiology and biomechanics
- podiatric medicine.

### PROFESSIONAL RECOGNITION

After graduating, you will be eligible to apply for registration with the Podiatry Registration Board of Australia.

### CAREER OPPORTUNITES/OUTCOMES

Our graduates enjoy great job prospects with 88% securing work within four months of finishing their degree<sup>1</sup>.

Typical roles include:

- General or specialised podiatry practice e.g. sports podiatry
- Health Promotion Officer
- Podiatric Surgeon
- Researcher.



Scan for more information about this degree.

## BACHELOR OF PUBLIC AND COMMUNITY HEALTH

<b>CRICOS CODE</b>	0100480
<b>DURATION</b>	3 yrs FT
<b>LOCATIONS</b>	Central Coast
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$31,450 2021 A\$33,023
<b>IELTS</b>	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
<b>INTAKE</b>	S1
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Public health professionals work to improve the health of communities around the world. They develop policies and programs to address infectious disease, homelessness, poverty, lifestyle behaviours, and to improve the environments we live in. This is the first bachelor's degree in the world to be underpinned by the 'Big Picture' Learning Design strategy which lets you choose what, how and when you learn. With opportunities to engage in work experience, leadership programs and volunteer work.

### WHAT YOU WILL STUDY

You will have the option of enrolling in the general pathway (no major) or one of the following interdisciplinary majors:

- Social Justice and Health Inequity
- Global Health.

You will complete a semester-long work experience program in your final year of study. This means you will gain valuable practical experience, be able to build professional networks and graduate industry ready.

### CAREER OPPORTUNITES/OUTCOMES

Graduates are employed in non-government organisations, primary care organisations, local and state government, Indigenous health and more.

Typical roles include:

- Community Development Worker
- Community Educator
- Community Health Officer
- Environmental Health Officer
- Epidemiologist
- Health Administrator
- Health Educator
- Health Promotion Officer
- Project Officer
- Public Health Officer
- Public Health Program Manager.



Scan for more information about this degree.



MASTER OF CLINICAL EPIDEMIOLOGY	
<b>CRICOS CODE</b>	095234G
<b>DURATION</b>	1.5 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan Online
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$34,890 2021 A\$36,635
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	S1
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
Through the Master of Clinical Epidemiology at the University of Newcastle, you will learn how to understand, design and carry out healthcare research. You will develop an advanced understanding and practical application of theoretical frameworks, which will prepare you for a career in clinical epidemiology or evidence-based healthcare. Continue to expand your knowledge and expertise with courses that can be claimed as part of the Continuing Professional Development (CPD) required by most health practitioners.	

MASTER OF NURSING	
<b>CRICOS CODE</b>	097897G
<b>DURATION</b>	1 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan Online
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$36,865 2021 A\$38,708
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	T1, T2, T3
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
The Master of Nursing will enhance your skills in professional leadership, clinical education, healthcare improvement, research, and evidence-based practice. You'll learn from some of the best in the field – our industry experts will deliver clinical theory and practical applications to help you strengthen your existing knowledge. You'll engage in discussions with nurses from all around the world to share strategies, change practice and help improve global healthcare. With a high demand for qualified nursing professionals, this degree will enhance your advanced nursing knowledge and help progress your career.	

MASTER OF PUBLIC HEALTH	
<b>CRICOS CODE</b>	064408B
<b>DURATION</b>	1 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan Online
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$33,725 2021 A\$35,411
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
The Master of Public Health is designed for professionals in a variety of roles, including in health departments and community organisations. You'll gain an understanding of contemporary public health issues and learn techniques for analysing problems. You'll learn from some of the best in the field – our academic staff include experienced public health practitioners, health promotion professionals, epidemiologists, biostatisticians and researchers. With over 25 courses to choose from, this degree is designed to give you a broad introduction and provide the skills and knowledge to define, assess and resolve public health issues.	

### WHAT YOU WILL STUDY

The Master of Clinical Epidemiology is a 120-unit program that will provide you with the advanced knowledge base needed to begin your career as an epidemiologist. You will study six core courses and two directed courses before your chosen specialisation, enabling you to tailor your study to suit your career goals.

- **Coursework Specialisation** – in this specialisation, you will study an additional 40 units of directed courses.
- **Research Specialisation** – in this specialisation, you will complete one 40-unit Research Project course.

Key areas of study include:

- biostatistics
- clinical statistics
- epidemiology
- health economics
- randomised control trials
- research protocol design
- applied research.

### CAREER OPPORTUNITES/OUTCOMES

As a clinical epidemiologist, you will work to find ways to reduce the burden of disease and control communicable disease epidemics.

Possible career paths may include:

- academia
- epidemiology
- health and medical research
- health related industries
- policy advocacy.

### WHAT YOU WILL STUDY

You will study contemporary issues in nursing, research methods, and using this knowledge in healthcare settings. Key study areas include:

- contemporary nursing
- introduction to research in healthcare
- knowledge translation in healthcare.

To help you achieve your best career outcome, you can choose to do a generic Master of Nursing or focus your learning by choosing from one of seven specialisations:

- Healthcare Improvement
- Research
- Child Youth and Family
- Chronic Disease and Ageing
- Acute And Critical Care
- Advanced Practice
- Clinical Education.

### CAREER OPPORTUNITES/OUTCOMES

By studying the social, cultural, economic and political influences surrounding nursing and healthcare in general, Master of Nursing graduates will be ready to provide advanced clinical knowledge and advice across the full spectrum of healthcare settings.

Prospective career paths may include:

- Clinical Nurse Specialist
- Clinical Research Nurse
- Clinical Nurse Consultant
- Clinical Nurse Educator
- Nurse Unit Manager.

### WHAT YOU WILL STUDY

The Master of Public Health is designed for individuals who have already successfully completed a bachelor's degree in an approved public health related discipline, key areas of study include:

- professional public health practice
- disease prevention and control
- health promotion
- health systems, policy and health economics.

### PROFESSIONAL RECOGNITION

Our curriculum is aligned with the recommendations of the Council of Academic Public Health Institutions Australasia (CAPHIA) and as such our graduates are eligible to apply for membership with the Public Health Association of Australia.

### CAREER OPPORTUNITES/OUTCOMES

Graduates are ready to work in a range of public health roles in government or private sectors, as well as in not-for-profit organisations, in disciplines such as:

- environmental health
- epidemiology
- health education
- health policy
- health promotion.



Scan for more information about this degree.



Scan for more information about this degree.



Scan for more information about this degree.

# FACULTY OF SCIENCE

We help prepare you for careers in: Biotechnology, Chemistry, Coastal and Marine Science, Data Science, Environmental Science, Exercise and Sports Science, Food Science, Human Geography, Maths, Physics, Psychology and STEM.

A world-class centre for scientific research and education, our Faculty of Science has 20 science disciplines ranked 'well above world standard'<sup>1</sup>

We ensure students are in the lab and out in the field from day one with our connections to Hunter Water Corporation, the NSW Environmental Protection Authority, the Ledman Newcastle United Jets Football Club and the NSW Department of Primary Industries. Students have access to industry-standard facilities such as a testing kitchen for food science and nutrition students, and a fully equipped gym for exercise and sport science.

Psychology degrees are accredited by the Australian Psychology Accreditation Council (APAC) ensuring students receive the highest quality education and can employ their psychological knowledge and skills in the community.



Scan to learn more about the faculty.



## 86.6%

of Computing and Information Systems graduates found employment within four months<sup>2</sup>



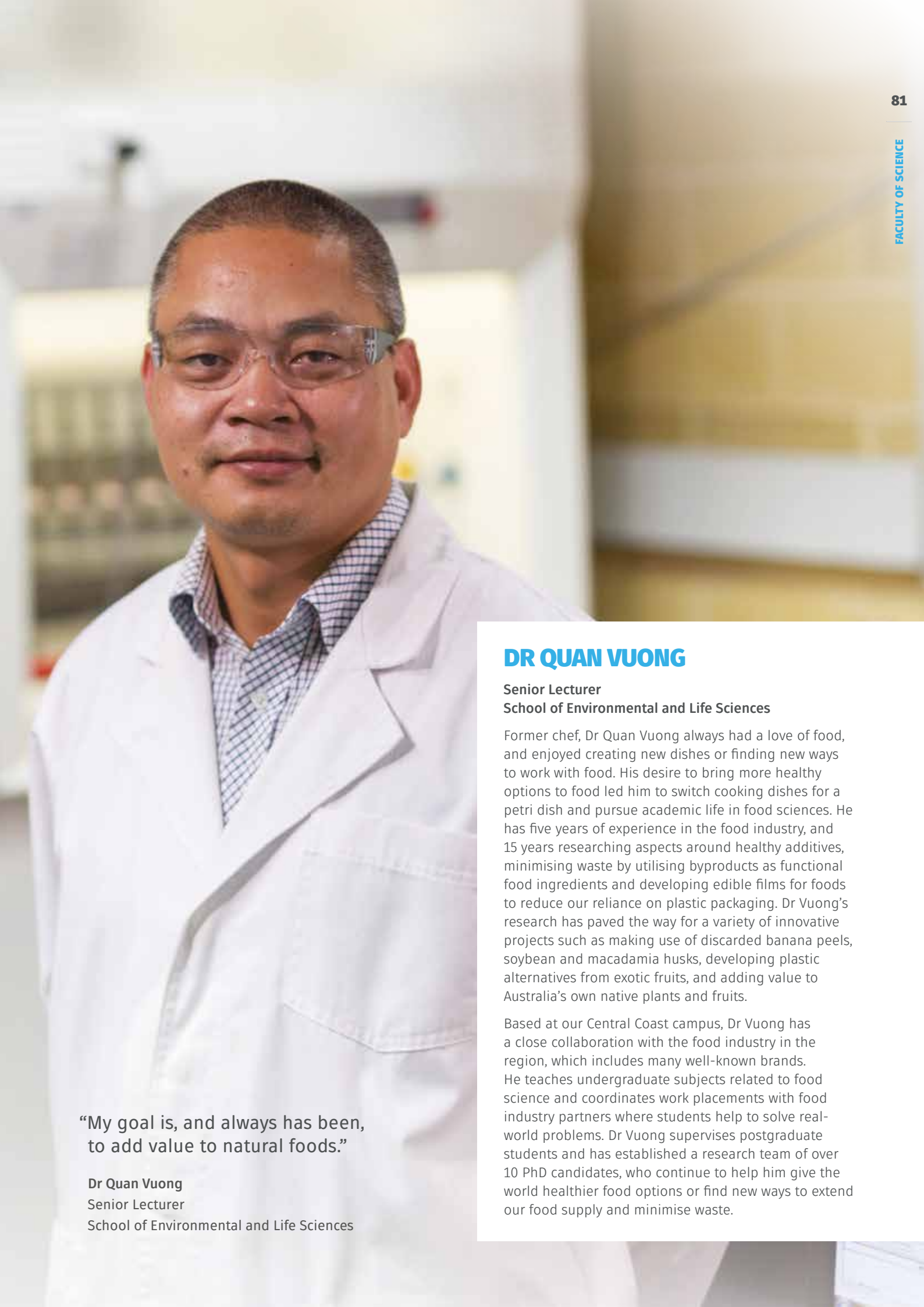
## RANKED 38

in the world  
– Sports Science<sup>3</sup>



## TOP 200

in the world  
– Psychology<sup>4</sup>



“My goal is, and always has been, to add value to natural foods.”

**Dr Quan Vuong**  
Senior Lecturer  
School of Environmental and Life Sciences

## DR QUAN VUONG

**Senior Lecturer**  
**School of Environmental and Life Sciences**

Former chef, Dr Quan Vuong always had a love of food, and enjoyed creating new dishes or finding new ways to work with food. His desire to bring more healthy options to food led him to switch cooking dishes for a petri dish and pursue academic life in food sciences. He has five years of experience in the food industry, and 15 years researching aspects around healthy additives, minimising waste by utilising byproducts as functional food ingredients and developing edible films for foods to reduce our reliance on plastic packaging. Dr Vuong's research has paved the way for a variety of innovative projects such as making use of discarded banana peels, soybean and macadamia husks, developing plastic alternatives from exotic fruits, and adding value to Australia's own native plants and fruits.

Based at our Central Coast campus, Dr Vuong has a close collaboration with the food industry in the region, which includes many well-known brands. He teaches undergraduate subjects related to food science and coordinates work placements with food industry partners where students help to solve real-world problems. Dr Vuong supervises postgraduate students and has established a research team of over 10 PhD candidates, who continue to help him give the world healthier food options or find new ways to extend our food supply and minimise waste.



## BACHELOR OF BIOTECHNOLOGY

<b>CRICOS CODE</b>	059879B
<b>DURATION</b>	3 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$38,165 2021 A\$40,073
<b>IELTS</b>	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
<b>INTAKE</b>	S1
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Imagine using living organisms to modify products for the better – like creating a new vaccine to save millions of lives. When you study a Bachelor of Biotechnology, you will help to develop technologies that improve our communities and the health of our planet. The products of biotechnology are all around us and you can be at the forefront of scientific development and discovery. Students have the opportunity to apply to undertake a 10-week full-time industrial placement, the longest placement available to biotechnology students in Australia.

### WHAT YOU WILL STUDY

Our academics are internationally recognised leaders in their fields and are working to solve real-world problems. Under their leadership, you will apply DNA and cell technologies to enhance human health, plant and animal agriculture and environmental wellbeing.

Core studies include:

- biochemistry
- molecular genetics
- biomolecules
- molecular biology.

### PROFESSIONAL RECOGNITION

Our graduates can apply for membership to AusBiotech and specialist societies such as the Australian Society of Biochemistry and Molecular Biology. Membership provides access to a large network of biologists who have regular events to help members share knowledge and collaborate.

### CAREER OPPORTUNITES/OUTCOMES

Biotechnology is predicted to be a key for solving global issues in the future, such as human and animal diseases, climate change, fuel alternatives and food security.

You could enter an exciting career as a:

- Biochemist
- Biotechnologist
- Clinical Research Coordinator
- Geneticist
- Laboratory Analyst
- Microbiologist
- Product Developer.



Scan for more information about this degree. See page 91 for available honours degree options.

## BACHELOR OF COASTAL AND MARINE SCIENCE

<b>CRICOS CODE</b>	0100479
<b>DURATION</b>	3 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan Central Coast
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$35,800 2021 A\$37,590
<b>IELTS</b>	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Are you a passionate marine conservationist? Australia has some of the world's most diverse coastlines and marine ecosystems and we need to make sure they remain protected. By understanding conservation and management issues; such as climate change, pollution and overfishing, we can help find solutions. In this degree you will learn from marine, coastal and ecological experts, giving you practical skills to make a difference in our world. Students are able to tailor their program to suit their career goals. Access world-class facilities, innovative technologies and participate in field and laboratory work to help develop your analytical, research and communication skills.

### WHAT YOU WILL STUDY

Students will investigate concepts such as ecosystems, coastal processes, marine flora and fauna, and spatial science. Students can also choose to complete a minor study area such as:

- Indigenous environmental and community practices
- scientific communication
- animal biology
- geography
- water and resource management.

### PROFESSIONAL RECOGNITION

Graduates can apply for membership to a range of professional bodies including the Australian Marine Sciences Association and the Australian Coral Reef Society.

### CAREER OPPORTUNITES/OUTCOMES

The flexible structure of this degree can lead to careers such as:

- Animal Biologist
- Botanist
- Conservationist/Ecologist
- Geographer
- Marine Biologist
- Oceanographer.



Scan for more information about this degree.

## BACHELOR OF ENVIRONMENTAL SCIENCE AND MANAGEMENT

<b>CRICOS CODE</b>	059877D
<b>DURATION</b>	3 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan Central Coast
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$37,800 2021 A\$39,690
<b>IELTS</b>	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

If you want to help solve the environmental problems facing our society, and have a passion for sustainability, then the Bachelor of Environmental Science and Management is for you. The University is centrally situated to give you hands-on experience in areas of vast environmental diversity, from terrestrial landscapes, to wetlands and coastal zones. Here you will gain an understanding of the critical issues placing a growing strain on the Earth's natural resources and develop tactics to combat them. Our industry partnerships allow you the chance to take part in exciting work placements and research opportunities, giving you a competitive edge when entering the career market.

### WHAT YOU WILL STUDY

Students will explore concepts such as environmental systems and practices, and related ethics, values and legislation. Students will also choose one of the following major study areas to specialise in:

- natural resources and hazards
- ecosystems and biodiversity
- coastal and marine science
- sustainability.

### PROFESSIONAL RECOGNITION

Depending on your area of study you can gain professional recognition with the Hunter Environmental Institute, Australian Ecology Society, Australian Wildlife Management Society, Birds Australia, Australian Mammal Society or Australian Society of Herpetology.

### CAREER OPPORTUNITES/OUTCOMES

Graduates of the Bachelor of Environmental Science and Management go on to work in a diverse range of areas, including conservation and ecology, environmental science, laboratory and research work, or urban and regional planning.

Typical employment opportunities include:

- Botanist/Plant Scientist
- Climatologist
- Coastal Management Officer
- Environmental Health/Sustainability Officer
- Marine Scientist
- Environmental Consultant
- Water Resource Management Specialist.



Scan for more information about this degree. See page 91 for available honours and combined degree options.

<b>BACHELOR OF FOOD SCIENCE AND HUMAN NUTRITION</b>	
<b>CRICOS CODE</b>	055918K
<b>DURATION</b>	3 yrs FT
<b>LOCATIONS</b>	Central Coast
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$38,345 2021 A\$40,262
<b>IELTS</b>	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Eating well and maintaining a healthy lifestyle are important to our quality of life. The food science and human nutrition specialities require people with a passion for innovative thinking. As a food scientist, you could develop new products for consumers, ensuring the foods we eat are desirable, nutritious, balanced and safe to eat.

With this qualification you will stay up-to-date on scientific developments, learn specialist knowledge and be equipped with skills needed for a successful career. Learn in purpose-built facilities including a commercial testing kitchen and sensory lab, allowing you to design and test concepts as part of the product development process.

<b>BACHELOR OF PSYCHOLOGICAL SCIENCE</b>	
<b>CRICOS CODE</b>	095149D
<b>DURATION</b>	3 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan Central Coast
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$38,350 2021 A\$40,268
<b>IELTS</b>	IELTS overall minimum - 7.0 IELTS section minimum - 7.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Psychological science is a fascinating area which examines the cause of human behaviour. This understanding is then used to solve practical problems that will positively impact the lives of others. The need for psychology expertise is growing in popularity, with demand for psychologists predicted to increase by 140% over the next 10 years. Learn from renowned researchers in the field and have the opportunity to undertake Work Integrated Learning.

<b>BACHELOR OF PSYCHOLOGICAL SCIENCE (ADVANCED)</b>	
<b>CRICOS CODE</b>	0100474
<b>DURATION</b>	3 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan Central Coast
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$38,400 2021 A\$40,320
<b>IELTS</b>	IELTS overall minimum - 7.0 IELTS section minimum - 7.0
<b>INTAKE</b>	S1
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Understanding the science behind human behaviour, the human brain and its effect on the way we act and why form the foundation of psychological science. The Bachelor of Psychological Science (Advanced) will not only help you deepen your understanding of theoretical methodologies – but you will have the opportunity to participate in Work Integrated Learning, you will develop valuable connections with industry and other professionals to improve employment outcomes when you graduate.

### WHAT YOU WILL STUDY

Graduates develop a strong foundation of the principles underlying the sciences of food technology and human nutrition. This includes basic sciences, chemistry and biology of nutrients, and the attributes of foods including food commodities and functional foods.

You will study topics including:

- biomedical science
- chemistry
- food product development
- macronutrients
- micronutrients
- nutrition in health and disease.

### PROFESSIONAL RECOGNITION

Graduates are eligible to apply for membership with the Australian Institute of Food Science and Technology (AIFST) and the Nutrition Society of Australia (NSA).

### CAREER OPPORTUNITES/OUTCOMES

The experience, specialist knowledge and skills you learn will prepare you for a successful career in the food science, health and nutrition industries.

Some typical roles after you graduate include:

- Catering Manager
- Flavourist
- Food Scientist, Technologist or Chemist
- Health Promotion Officer
- Nutritionist or Dietician
- Quality Assurance Technician.

### WHAT YOU WILL STUDY

You will cover a broad range of study areas such as mental illness, interventions, the biology of the brain, memory, decision making, as well as developmental, social and personality studies. In addition to these study areas, you will also undertake courses that teach research skills such as methodology and statistics.

### PROFESSIONAL RECOGNITION

This course is currently accredited by the Australian Psychology Accreditation Council (APAC) and approved by the Psychology Board of Australia. Upon completion of an APAC accredited undergraduate degree, students who go on to complete either the honours or postgraduate study in psychology will be eligible for provisional registration as a psychologist with the Psychology Board of Australia. Please note that after completion of an APAC accredited undergraduate degree, a further minimum of three years education and training in psychology is required to register as a psychologist in Australia.

### CAREER OPPORTUNITES/OUTCOMES

Examples of roles that your degree could apply to include:

- Practicing Psychologist
- Case Worker
- Mediator
- Case Manager
- Careers Counsellor
- Market Researcher
- Juvenile Justice Officer.

### WHAT YOU WILL STUDY

The Bachelor of Psychological Science (Advanced) offers additional work and research-integrated learning, as you will apply your studies to complete a major transdisciplinary capstone project throughout your third year. You will cover a broad range of study areas such as mental illness, interventions, the biology of the brain, memory, decision making, as well as developmental, social and personality studies. You will also learn research skills such as methodology and statistics.

### PROFESSIONAL RECOGNITION

This course is currently accredited by the Australian Psychology Accreditation Council (APAC) and approved by the Psychology Board of Australia. Students who go on to complete either the Honours or postgraduate study in psychology will be eligible for provisional registration as a psychologist with the Psychology Board of Australia. On completing this degree, a further minimum of three years education and training in psychology is required to register as a psychologist in Australia.

### CAREER OPPORTUNITES/OUTCOMES

Examples of roles that your degree could apply to include:

- Practicing Psychologist
- Case Worker
- Mediator
- Case Manager.
- Careers Counsellor
- Market Researcher
- Juvenile Justice Officer.



Scan for more information about this degree. See page 92 for available honours degree options.



Scan for more information about this degree. See page 92 for available honours and combined degree options.



Scan for more information about this degree. See page 92 for available honours degree options.

## BACHELOR OF SCIENCE

<b>CRICOS CODE</b>	098539K
<b>DURATION</b>	3 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan Central Coast
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$37,740 2021 A\$39,627
<b>IELTS</b>	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
<b>INTAKE</b>	S1, S2
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

The immense field of science is exciting and always evolving. It underpins areas such as technology, industry, business, agriculture, environment, research and development, health, and the information revolution. The Bachelor of Science will provide you with a new way of learning and new path to discovery. Learn from leading science researchers who will guide you through a tailored program, specifically designed to make you a highly-skilled and employable science graduate. You will gain hands-on experience in our world-class facilities while building your professional network with 12 weeks of practical experience within research or industry. The Bachelor of Science will prepare you to contribute solutions to the scientific challenges we are facing.

### WHAT YOU WILL STUDY

Choose from 22 majors across eight disciplines to shape your study experience to suit your interests. You can combine a mix of majors and electives to suit your study direction.

You can choose to study in areas such as:

- biological science
- chemistry
- earth science
- environmental science
- geography
- mathematics and statistics
- physics
- psychology.

### PROFESSIONAL RECOGNITION

Graduates who complete the accredited Physics major are eligible for accreditation through The Australian Institute of Physics (AIP). Graduates who complete the accredited Statistics major are eligible for accreditation on becoming a member of the Statistical Society of Australia. Graduates who complete the Geology major will be eligible for entry into the graduate category of the Australasian Institute of Minerals and Metallurgy.

### CAREER OPPORTUNITES/OUTCOMES

The flexible structure of this degree can lead to careers such as:

- Animal Biologist
- Botanist
- Chemist
- Climatologist
- Conservationist/Ecologist
- Geographer
- Geologist
- Mathematician
- Marine Biologist
- Microbiologist
- Neuroscientist
- Oceanographer
- Physicist
- Statistician.

## BACHELOR OF SCIENCE (ADVANCED)

<b>CRICOS CODE</b>	0100473
<b>DURATION</b>	3 yrs FT
<b>LOCATIONS</b>	Newcastle – City Central Coast
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$35,750 2021 A\$37,538
<b>IELTS</b>	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
<b>INTAKE</b>	S1
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

### COURSE OVERVIEW

Gone are the days of the stereotypical scientist – in today's society, scientists need to work across research, industry and discipline boundaries to create solutions to the world's most complex issues. You might work in a lab, discovering life-changing scientific breakthroughs, or use science to shape government policy. The Bachelor of Science (Advanced) will allow you to join a high achieving cohort and create your own academic adventure. Tailor your majors and professional pathways to achieve your career goals. You'll have access to specialised mentoring, exposure to the wider Faculty of Science community and opportunities to participate in Work Integrated Learning (WIL) and industry engagement.

### WHAT YOU WILL STUDY

Choose from 22 majors across eight disciplines to shape your study experience to suit your interests. You can combine a mix of majors and electives to suit your study direction.

You can choose to study in areas such as:

- biological science
- chemistry
- earth science
- environmental science
- geography
- mathematics and statistics
- physics
- psychology.

### PROFESSIONAL RECOGNITION

Graduates who complete the accredited Physics major are eligible for accreditation through The Australian Institute of Physics (AIP). Graduates who complete the accredited Statistics major are eligible for accreditation on becoming a member of the Statistical Society of Australia. Graduates who complete the Geology major will be eligible for entry into the graduate category of the Australasian Institute of Minerals and Metallurgy.

### CAREER OPPORTUNITES/OUTCOMES

The flexible structure of this degree can lead to careers such as:

- Animal Biologist
- Botanist
- Chemist
- Climatologist
- Conservationist/Ecologist
- Geographer
- Geologist
- Mathematician
- Marine Biologist
- Microbiologist
- Neuroscientist
- Oceanographer
- Physicist
- Statistician
- Physicist
- Statistician.



Scan for more information about this degree.  
See pages 86-92 for available advanced, honours  
and combined degree options.



Scan for more information about this degree.  
See pages 86-98 for available honours and  
combined degree options.



<b>MASTER OF BUSINESS ADMINISTRATION (GLOBAL)/ MASTER OF SCIENCE (DATA ANALYTICS)</b>	
<b>CRICOS CODE</b>	0101396
<b>DURATION</b>	2 yrs FT
<b>LOCATIONS</b>	Sydney
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$32,635 2021 A\$34,267
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	T1, T2, T3
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
<p>Driven by the changing requirements of businesses and government and the skills gap for employees with both business and data analytics qualifications, the University of Newcastle has introduced the Master of Business Administration (Global) and Master of Science (Data Analytics) combined degree.</p> <p>Gain two master's degrees in two years with intensive, practical education to prepare you for a career in a high growth industry. This program will provide you with the essential knowledge and professional skills to understand and employ appropriate analytics on big data generated from different business processes, across different types of organisations and industries.</p>	

### WHAT YOU WILL STUDY

You will develop a global mindset through an in-depth understanding of business globalisation and its complex effect on stakeholders, societies and economies. You'll also gain the ability to model real-world situations, to think abstractly and to manipulate, analyse and interpret data.

Enhance your interpersonal skills and learn how to effectively communicate information and insights extracted from data and how to conduct business across countries, cultures and contexts supported on data-driven decision-making strategies. Throughout the degree, you will be provided with important business networking opportunities that expose you to experiences while you study, which could lead to remarkable workplace prospects on graduation.

Your studies will include the following areas:

- globalisation and business
- global financial management
- managing across cultures
- data wrangling and visualisation
- predictive analytics
- data analytics for business intelligence.

### CAREER OPPORTUNITIES/OUTCOMES

Through a combined degree in the Master of Business Administration (Global) and Master of Science (Data Analytics) you will gain a diverse skillset in high global demand allowing you to work across borders, oceans, industries and boardrooms around the world. Where you take this qualification is up to you.

Potential career paths include:

- Global Management Consultant
- Multinational Marketing Manager
- Data Manager
- Data Analyst
- Business Intelligence Analyst
- Data and Insights Expert.



Scan for more information about this degree.

<b>MASTER OF BUSINESS PSYCHOLOGY</b>	
<b>CRICOS CODE</b>	0100761
<b>DURATION</b>	2 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan Online
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$40,845 2021 A\$42,887
<b>IELTS</b>	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
<b>INTAKE</b>	S2, T3 – Callaghan S1, S2, T1, T2, T3 – Online
<b>PRACTICAL EXPERIENCE</b>	Opportunities available
<b>COURSE OVERVIEW</b>	
<p>This qualification is designed for professionals or recent psychology graduates looking to advance their management skills from a psychological perspective. You will develop an advanced understanding of human behaviour and how this applies to workplace relationships, specialised skills in applied psychology and organisational behaviour. We offer an exceptional learning experience for students with postgraduate psychology students ranking us number one in Australia for overall educational experience.<sup>1</sup></p>	

### WHAT YOU WILL STUDY

The University of Newcastle's Master of Business Psychology offers professionals a specialised program that challenges your approach to leadership and enhances your ability to think from a business psychology perspective.

Courses to support your drive and direction include:

- leadership and organisational change
- psychology skills in the workplace
- organisational interventions
- understanding people in organisations.

There are opportunities to exit the Master's program with a Graduate Certificate, depending on the number of units completed.

### CAREER OPPORTUNITIES/OUTCOMES

The Master of Business Psychology will prepare individuals for diverse career opportunities that require specialised interpersonal and advanced communication skills. Graduates may be employed in mid to senior management positions across the public and not-for-profit sectors.

Other prospective career paths include:

- Consultant for human services, recruitment, change management and communications
- HR Specialist
- Case management and managing a multi-disciplinary team
- Program Manager for community work or health
- Organisational Trainer/Training Manager
- Customer Service Manager.



Scan for more information about this degree.

**MASTER OF CLINICAL PSYCHOLOGY**

<b>CRICOS CODE</b>	098562M
<b>DURATION</b>	2 yrs FT
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$42,390 2021 A\$44,510
<b>IELTS</b>	IELTS overall minimum - 7.0 IELTS section minimum - 7.0
<b>INTAKE</b>	S1
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

**COURSE OVERVIEW**

With expert supervision in our clinic and community settings, this course helps you work in the prevention, diagnosis, and treatment of many psychological disorders. You will learn to; enhance conceptual and interpersonal skills; apply advanced knowledge and methods to procedures, technologies and techniques; collaborate effectively with clients and health professionals; and conduct, evaluate and present systematic research. Our graduates adhere to the 'scientist-practitioner' model of practice.

**WHAT YOU WILL STUDY**

This program will help you gain comprehensive knowledge in professional and ethical practice, counselling and clinical interventions, clinical neuropsychology, health psychology, and the clinical psychology of adults, children, and people with intellectual disabilities.

Key areas of study include:

- advanced methodology
- critical issues and controversies in psychology
- counselling and clinical intervention
- professional and ethical practice.

**PROFESSIONAL RECOGNITION**

This program is accredited by the Australian Psychology Accreditation Council (APAC). The Psychology Board of Australia (PsyBA), through APAC, also recognises the program for the purposes of registration and endorsement of practice in clinical psychology.

**CAREER OPPORTUNITES/OUTCOMES**

The Master of Clinical Psychology will prepare graduates to professionally practice as clinical psychologists and provide a broad range of psychological services to long-term patients to treat mild to complex mental health conditions.

Other career prospects may include:

- promoting psychological health through public policy
- allied health professions management
- teaching and supervision
- research
- program development and evaluation.

**MASTER OF PROFESSIONAL PSYCHOLOGY**

<b>CRICOS CODE</b>	098563K
<b>DURATION</b>	1 yr FT
<b>LOCATIONS</b>	Newcastle – Callaghan
<b>INDICATIVE ANNUAL FEE</b>	2020 A\$42,390 2021 A\$44,510
<b>IELTS</b>	IELTS overall minimum - 7.0 IELTS section minimum - 7.0
<b>INTAKE</b>	S1
<b>PRACTICAL EXPERIENCE</b>	Opportunities available

**COURSE OVERVIEW**

If you want to be a registered psychologist, this degree is for you. With intensive training and education, you will learn to apply advanced techniques competently and ethically across broad professional settings. We help you develop your professional skills and career in psychology under the supervision of highly experienced registered psychologists. This supervision ensures you are experienced and prepared before seeking General Registration with the Psychology Board of Australia.

**WHAT YOU WILL STUDY**

You will enhance your theoretical skills and learn to use relevant principles and methods to assist people with a range of behavioural problems, taking into account social and cultural diversity, current relevant legal frameworks, mental health practice standards and codes of ethical practice.

Key areas of study include:

- psychological assessment
- psychological treatments and interventions
- professional and ethical practice
- clinical psychology of special groups: intellectual disabilities/older adults.

**PROFESSIONAL RECOGNITION**

This program has received provisional accreditation with conditions by the Australian Psychology Accreditation Council.

Accreditation ensures graduates receive a high quality education that will allow them to employ their psychological knowledge and skills in the community.

**CAREER OPPORTUNITES/OUTCOMES**

On successful completion of the program and an additional internship year under the supervision of a registered psychologist, graduates will be eligible for registration with the Psychology Board of Australia as a General Registered Psychologist. Other career prospects may include working in the following areas:

- private, public and non-government organisations
- schools
- human resources
- rehabilitation and disability services
- specialist psychological services
- teaching and supervision
- research customer service manager.



Scan for more information about this degree.



Scan for more information about this degree.

# HIGHER DEGREES BY RESEARCH

The University of Newcastle is a research-intensive university with a vibrant research culture. As a graduate researcher at the University you will be part of a dynamic community committed to making significant contributions to knowledge that impact our world.

You will join some of the very best researchers in the world, and be provided with the facilities, supervision, freedom and connections to flourish on the global stage.

## WORLD-CLASS RESEARCH

### GLOBAL IMPACT

The University is positioned at the forefront of the future economy, where rapid technological and societal changes demands research collaboration that reaches across specialisations and national boundaries.

Our Global Impact Clusters facilitate meaningful, collaborative research for staff and students on an international scale. They help researchers work across disciplines to solve the world's greatest challenges in the fields of Energy, Resources, Food and Water; Better Health, Healthcare and Treatment; Future Industries; and Strong Cities, Communities and Regions.

### HIGHER DEGREES BY RESEARCH

A Doctor of Philosophy (PhD) or Master of Philosophy (MPhil) degree at the University of Newcastle will connect you with the top tier of researchers, opening up incredible opportunities to advance your career, pursue breakthrough discoveries and solve the world's most formidable problems. The University offers over 170 Higher Degrees by Research for you to choose from.



Scan to view a full listing.

### EXPECTATIONS AND ELIGIBILITY

Scan for information on PhD and MPhil expectations and eligibility, including previous academic qualifications, English language proficiency requirements, time commitments and additional study information.



Scan to view the costs for an international PhD or Research.

### SCHOLARSHIPS

The University of Newcastle provides a wide range of generous scholarships to support students with a proven capacity for research.



Scan to view the available scholarships.

## HOW TO APPLY

### 1. FIND A RESEARCH DEGREE

Whatever your area of research interest, we have the right degree for you. Across our PhD and MPhil programs we have over 170 degrees to choose from.

### 2. FIND A SUPERVISOR

At the University of Newcastle you will be guided by world-class supervisors. They act as role models, encouraging a research culture of excellence, integrity, professionalism and mutual respect.

### 3. RESEARCH PROPOSAL

We have prepared a template to help you submit a clear statement describing your proposed area of research.

### 4. APPLY NOW

Apply online for admission any day of the year.



Scan to view a full listing.



# UNDERGRADUATE DEGREES

FACULTY OF BUSINESS AND LAW	CRICOS	DURATION (Years)	LOCATION	INTAKES	IELTS Overall Minimum/ Section Minimum	2020 INDICATIVE ANNUAL FEE A\$ <sup>^</sup>	2021 INDICATIVE ANNUAL FEE A\$ <sup>^</sup>
Bachelor of Arts/Bachelor of Laws (Honours)	023104B	5	NC	S1	7.0/6.0	\$30,045	\$31,547
Bachelor of Business	001133A	3	NC, CC, SG	S1, S2	6.0/6.0	\$29,260	\$30,723
Bachelor of Business (Honours)	030569K	1	NC	S1, S2	6.0/6.0	\$30,090	\$31,595
Bachelor of Business/Bachelor of Commerce	029749E	4	NC, CC	S1, S2	6.0/6.0	\$30,390	\$31,910
Bachelor of Business/Bachelor of Innovation and Entrepreneurship	088921J	4	NC	S1, S2	6.0/6.0	\$29,185	\$30,644
Bachelor of Business/Bachelor of Laws (Honours)	032796E	5	NC	S1	7.0/6.0	\$29,810	\$31,595
Bachelor of Commerce	001603J	3	NC, CC, SG	S1, S2	6.0/6.0	\$29,225	\$30,686
Bachelor of Commerce (Honours)	015700D	1	NC	S1, S2	6.0/6.0	\$29,960	\$31,458
Bachelor of Commerce/Bachelor of Innovation and Entrepreneurship	088922G	4	NC	S1, S2	6.0/6.0	\$29,080	\$30,534
Bachelor of Commerce/Bachelor of Laws (Honours)	023103C	5	NC	S1	7.0/6.0	\$30,015	\$31,516
Bachelor of Communication/Bachelor of Laws (Honours)	038697D	5	NC	S1	7.0/6.0	\$31,245	\$32,807
Bachelor of Development Studies/Bachelor of Laws (Honours)	095146G	5	NC	S1	7.0/6.0	\$31,105	\$32,660
Bachelor of Global Indigenous Studies/Bachelor of Laws (Honours)	098485G	5	NC	S1	7.0/6.0	\$29,520	\$30,996
Bachelor of Innovation and Entrepreneurship/Bachelor of Laws (Honours)	095147F	5	NC	S1	7.0/6.0	\$29,890	\$30,760
Bachelor of Laws (Honours)/Diploma of Legal Practice#	032798C	5	NC	S1	7.0/6.0	\$30,290	\$31,805
Bachelor of Science/Bachelor of Laws (Honours)	098543C	5	NC	S1	7.0/6.0	\$32,085	\$33,689
Bachelor of Social Science/Bachelor of Laws (Honours)	043947D	5	NC	S1	7.0/6.0	\$29,645	\$31,127

# There is no direct entry into this program. Entry is via transfer from Bachelor of Laws (Honours) combined degree after completion of the non-law part of your degree.

#### 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

<sup>^</sup> Please note: 2020 and 2021 indicative annual fees are subject to change as fees are reviewed and updated. Indicative annual fees for Bachelor and Master programs are based on a full year, full time load of 80 units. Fees shown are for our campuses located in Australia. For degrees offered at our Singapore campus please see our website.

# UNDERGRADUATE DEGREES

FACULTY OF ENGINEERING AND BUILT ENVIRONMENT	CRICOS	DURATION (Years)	LOCATION	INTAKES	IELTS Overall Minimum / Section Minimum	2020 INDICATIVE ANNUAL FEE A\$ <sup>^</sup>	2021 INDICATIVE ANNUAL FEE A\$ <sup>^</sup>
Bachelor of Chemical Engineering (Honours)	018788M	4	N	S1, S2	6.0/6.0	\$36,195	\$38,005
Bachelor of Chemical Engineering (Honours)/Bachelor of Business	093505E	5	N	S1	6.0/6.0	\$34,265	\$35,978
Bachelor of Chemical Engineering (Honours)/Bachelor of Mathematics	088924F	5	N	S1	6.0/6.0	\$35,480	\$37,254
Bachelor of Civil Engineering (Honours)	018786B	4	N, SG	S1, S2	6.0/6.0	\$36,480	\$38,304
Bachelor of Civil Engineering (Honours)/Bachelor of Business	093506D	5	N	S1	6.0/6.0	\$34,125	\$35,831
Bachelor of Civil Engineering (Honours)/Bachelor of Environmental Engineering (Honours)	088926D	5	N	S1	6.0/6.0	\$37,010	\$38,861
Bachelor of Civil Engineering (Honours)/Bachelor of Mathematics	088938M	5	N	S1	6.0/6.0	\$35,385	\$37,154
Bachelor of Civil Engineering (Honours)/Bachelor of Surveying (Honours)	088923G	5	N	S1	6.0/6.0	\$36,600	\$37,401
Bachelor of Computer Science	001604G	3	N	S1, S2	6.0/6.0	\$34,510	\$36,236
Bachelor of Computer Science (Honours)	000758J	1	N	S1, S2	6.0/6.0	\$32,755	\$34,393
Bachelor of Computer Systems Engineering (Honours)	092848A	4	N	S1, S2	6.0/6.0	\$36,400	\$38,220
Bachelor of Computer Systems Engineering (Honours)/Bachelor of Business	093511G	5	N	S1	6.0/6.0	\$34,415	\$36,136
Bachelor of Computer Systems Engineering (Honours)/Bachelor of Computer Science	088927C	5	N	S1	6.0/6.0	\$35,830	\$38,325
Bachelor of Computer Systems Engineering (Honours)/Bachelor of Mathematics	088928B	5	N	S1	6.0/6.0	\$35,400	\$37,170
Bachelor of Construction Management (Building) (Honours)	003693G	4	N, SG, Online	S1, S2	6.0/6.0	\$30,890	\$32,435
Bachelor of Design (Architecture)	001600A	3	N	S1, S2	6.0/6.0	\$30,890	\$32,435
Bachelor of Electrical and Electronic Engineering (Honours)	092849M	4	N, SG	S1, S2, T1, T2, T3	6.0/6.0	\$36,600	\$38,430
Bachelor of Electrical and Electronic Engineering (Honours)/Bachelor of Business	093507C	5	N	S1	6.0/6.0	\$33,870	\$35,564
Bachelor of Electrical and Electronic Engineering (Honours)/Bachelor of Computer Systems Engineering (Honours)	093503G	5	N	S1	6.0/6.0	\$36,570	\$38,399

## 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

<sup>^</sup> Please note: 2020 and 2021 indicative annual fees are subject to change as fees are reviewed and updated. Indicative annual fees for Bachelor and Master programs are based on a full year, full time load of 80 units. Fees shown are for our campuses located in Australia. For degrees offered at our Singapore campus please see our website.

# UNDERGRADUATE DEGREES

FACULTY OF ENGINEERING AND BUILT ENVIRONMENT	CRICOS	DURATION (Years)	LOCATION	INTAKES	IELTS Overall Minimum/ Section Minimum	2020 INDICATIVE ANNUAL FEE A\$ <sup>^</sup>	2021 INDICATIVE ANNUAL FEE A\$ <sup>^</sup>
Bachelor of Electrical and Electronic Engineering (Honours)/Bachelor of Mathematics	088931G	5	N	S1	6.0/6.0	\$35,555	\$37,333
Bachelor of Environmental Engineering (Honours)	011012E	4	N	S1, S2	6.0/6.0	\$37,025	\$38,876
Bachelor of Information Technology	044439E	3	N	S1, S2	6.0/6.0	\$34,105	\$35,810
			SG	T2, T3			
Bachelor of Information Technology (Honours)	055919J	1	N	S1, S2	6.0/6.0	\$32,495	\$34,120
Bachelor of Information Technology/Bachelor of Business	072216K	4	N	S1, S2	6.0/6.0	\$31,980	\$33,579
Bachelor of Mechanical Engineering (Honours)	018795A	4	N	S1, S2	6.0/6.0	\$36,070	\$37,874
			SG	T1, T2, T3			
Bachelor of Mechanical Engineering (Honours)/Bachelor of Business	093508B	5	N	S1	6.0/6.0	\$34,175	\$35,884
Bachelor of Mechanical Engineering (Honours)/Bachelor of Mathematics	088937A	5	N	S1	6.0/6.0	\$35,540	\$37,317
Bachelor of Mechanical Engineering (Honours)/Bachelor of Mechatronics Engineering (Honours)	088934D	5	N	S1	6.0/6.0	\$36,700	\$38,535
Bachelor of Mechatronics Engineering (Honours)	032765A	4	N	S1, S2	6.0/6.0	\$36,395	\$38,215
Bachelor of Mechatronics Engineering (Honours)/Bachelor of Business	093509A	5	N	S1	6.0/6.0	\$34,425	\$36,146
Bachelor of Mechatronics Engineering (Honours)/Bachelor of Electrical and Electronic Engineering (Honours)	093504F	5	N	S1	6.0/6.0	\$36,660	\$38,493
Bachelor of Mechatronics Engineering (Honours)/Bachelor of Mathematics	088936B	5	N	S1	6.0/6.0	\$35,070	\$36,824
Bachelor of Medical Engineering (Honours)	096509K	4	N	S1, S2	6.0/6.0	\$37,030	\$38,882
Bachelor of Renewable Energy Engineering (Honours)	099293G	4	N	S1, S2	6.0/6.0	\$36,315	\$38,131
Bachelor of Software Engineering (Honours)	021335C	4	N	S1, S2	6.0/6.0	\$35,505	\$37,081
Bachelor of Surveying (Honours)	077826K	4	N	S1, S2	6.0/6.0	\$36,540	\$38,152
Bachelor of Surveying (Honours)/Bachelor of Business	093510G	5	N	S1	6.0/6.0	\$34,045	\$35,747
Bachelor of Technology (Renewable Energy Systems) #	088615G	1	N	S1, S2	6.0/6.0	\$36,950	\$38,798

# International students will be eligible to apply for this program following successful completion of the AQF Level 6 Associate Degree of Engineering (Renewable Energy Technologies) or deemed overseas equivalent.

#### 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

<sup>^</sup> Please note: 2020 and 2021 indicative annual fees are subject to change as fees are reviewed and updated. Indicative annual fees for Bachelor and Master programs are based on a full year, full time load of 80 units. Fees shown are for our campuses located in Australia. For degrees offered at our Singapore campus please see our website.



# UNDERGRADUATE DEGREES

FACULTY OF EDUCATION AND ARTS	CRICOS	DURATION (Years)	LOCATION	INTAKES	IELTS Overall Minimum / Section Minimum	2020 INDICATIVE ANNUAL FEE A\$^	2021 INDICATIVE ANNUAL FEE A\$^
Bachelor of Arts	001602K	3	N, CC, Online	S1, S2	6.0/6.0	\$28,865	\$30,308
Bachelor of Arts (Honours)	0101397	1	N, CC	S1	6.0/6.0	\$28,065	\$29,468
Bachelor of Arts/Bachelor of Innovation and Entrepreneurship	095148E	4	N	S1, S2	6.0/6.0	\$28,940	\$30,387
Bachelor of Communication	000326M	3	N SG	S1, S2 T2, T3	6.5/6.0	\$33,955	\$35,653
Bachelor of Communication (Honours)	027449M	1	N	S1, S2	6.0/6.0	\$35,065	\$36,818
Bachelor of Creative Industries	092847B	3	NC	S1, S2	6.0/6.0	\$33,350	\$35,018
Bachelor of Creative Industries/Bachelor of Innovation and Entrepreneurship	095235F	4	NC	S1, S2	6.0/6.0	\$31,205	\$32,765
Bachelor of Education (Early Childhood and Primary)#	095151K	4	N, CC	S1	7.5/7.0 (R, W), 8.0 (L,S)	\$32,360	\$33,978
Bachelor of Education (Primary)#	095153G	4	N, CC	S1	7.5/7.0 (R, W), 8.0 (L,S)	\$32,420	\$34,041
Bachelor of Education (Secondary)#	095155F	4	N, CC	S1	7.5/7.0 (R, W), 8.0 (L,S)	\$32,085	\$33,689
Bachelor of Global Indigenous Studies	098484J	3	N, Online	S1	6.0/6.0	\$28,460	\$29,883
Bachelor of Music	0100758	3	NC	S1, S2	6.0/6.0	\$34,825	\$36,566
Bachelor of Music (Honours)	030186C	1	NC	S1, S2	6.0/6.0	\$34,920	\$36,666
Bachelor of Music/Bachelor of Arts	0100762	4	NC	S1, S2	6.0/6.0	\$32,775	\$34,414
Bachelor of Social Science	014637C	3	N, CC	S1, S2	6.0/6.0	\$28,415	\$29,836
Bachelor of Social Science (Honours)	014638B	1	N, CC	S1, S2	6.0/6.0	\$29,115	\$30,571
Bachelor of Social Work (Honours)	027437D	4	N, CC	S1	7.0/7.0	\$31,600	\$33,180
Bachelor of Speech Pathology (Honours)	029748F	4	N	S1	7.0/7.0	\$36,160	\$37,968
Bachelor of Visual Communication Design	0100759	3	NC	S1, S2	6.0/6.0	\$34,425	\$36,146
Bachelor of Visual Communication Design (Honours)	032730A	1	NC	S1, S2	6.0/6.0	\$34,265	\$35,978

# Graduates of Bachelor of Education programs are subject to the accreditation guidelines of your home country. Completing an Australian degree does not ensure employment as a teacher in Australia.

## 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

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# UNDERGRADUATE DEGREES

FACULTY OF HEALTH AND MEDICINE	CRICOS	DURATION (Years)	LOCATION	INTAKES	IELTS Overall Minimum/ Section Minimum	2020 INDICATIVE ANNUAL FEE A\$ <sup>^</sup>	2021 INDICATIVE ANNUAL FEE A\$ <sup>^</sup>
Bachelor of Biomedical Science	023110D	3	N	S1	6.0/6.0	\$37,475	\$39,349
Bachelor of Biomedical Science (Honours)	039702D	1	N	S1,S2	6.0/6.0	\$38,905	\$40,850
Bachelor of Health Science (Honours)	095697J	1	N	S1	6.0/6.0	\$34,265	\$35,978
Bachelor of Medical Radiation Science (Honours) (Diagnostic Radiography)	088060E	4	N	S1	7.0/7.0	\$34,030	\$35,732
Bachelor of Medical Radiation Science (Honours) (Nuclear Medicine)	088061D	4	N	S1	7.0/7.0	\$34,030	\$35,732
Bachelor of Medical Radiation Science (Honours) (Radiation Therapy)	088062C	4	N	S1	7.0/7.0	\$34,030	\$35,732
Bachelor of Medical Science and Doctor of Medicine (Joint Medical Program)	082394J	5	N	S1	7.0/7.0	\$74,446	\$76,328
Bachelor of Nursing	072609D	3	N, CC	S1	7.0/7.0	\$34,355	\$36,073
Bachelor of Nursing (Honours)	095696K	1	N	S1	7.0/7.0	\$34,100	\$35,805
Bachelor of Nutrition and Dietetics (Honours)	001131C	4	N	S1	7.0/7.0	\$35,330	\$37,097
Bachelor of Occupational Therapy (Honours)	001132B	4	N	S1	7.0/7.0	\$34,540	\$36,267
Bachelor of Oral Health Therapy	084069F	3	CC	S1	7.0/7.0	\$38,500	\$40,425
Bachelor of Pharmacy (Honours)	079931D	4	N	S1	7.0/7.0	\$38,710	\$40,646
Bachelor of Physiotherapy (Honours)	039298M	4	N	S1	7.0/7.0	\$36,610	\$38,441
Bachelor of Podiatry	058964B	3	CC	S1	7.0/7.0	\$36,960	\$38,808
Bachelor of Public and Community Health	0100480	3	CC	S1	6.0/6.0	\$31,450	\$33,023

#### KEY FOR LOCATIONS

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

#### KEY FOR INTAKES

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

<sup>^</sup> Please note: 2020 and 2021 indicative annual fees are subject to change as fees are reviewed and updated. Indicative annual fees for Bachelor and Master programs are based on a full year, full time load of 80 units. Fees shown are for our campuses located in Australia. For degrees offered at our Singapore campus please see our website.

# UNDERGRADUATE DEGREES

FACULTY OF SCIENCE	CRICOS	DURATION (Years)	LOCATION	INTAKES	IELTS Overall Minimum / Section Minimum	2020 INDICATIVE ANNUAL FEE A\$^	2021 INDICATIVE ANNUAL FEE A\$^
Bachelor of Arts/Bachelor of Science	098540F	4	N, CC	S1, S2	6.0/6.0	\$32,885	\$34,529
Bachelor of Biotechnology	059879B	3	N	S1	6.0/6.0	\$38,165	\$40,073
Bachelor of Biotechnology (Honours)	064596D	1	N	S1	6.0/6.0	\$38,905	\$40,850
Bachelor of Coastal and Marine Science	0100479	3	N, CC	S1, S2	6.0/6.0	\$35,800	\$37,590
Bachelor of Development Studies	031290F	3	N	S1, S2	6.0/6.0	\$30,440	\$31,962
Bachelor of Development Studies (Honours)	050541A	1	N	S1	6.0/6.0	\$36,790	\$38,630
Bachelor of Development Studies/Bachelor of Business	095145G	4	N	S1, S2	6.0/6.0	\$30,700	\$32,235
Bachelor of Development Studies/Bachelor of Global Indigenous Studies	0100760	4	N	S1, S2	6.0/6.0	\$30,645	\$32,177
Bachelor of Development Studies/Bachelor of Social Science	095143K	4	N	S1, S2	6.0/6.0	\$30,185	\$31,694
Bachelor of Environmental Science and Management	059877D	3	N, CC	S1, S2	6.0/6.0	\$37,800	\$39,690
Bachelor of Environmental Science and Management (Honours)	061922G	1	N, CC	S1, S2	6.0/6.0	\$38,905	\$40,850
Bachelor of Environmental Science Management / Bachelor of Business	098483K	4	N, CC	S1, S2	6.0/6.0	\$33,705	\$35,390
Bachelor of Exercise and Sport Science	062429B	3	CC	S1	7.0/7.0	\$34,565	\$36,293
Bachelor of Exercise and Sport Science (Honours)	070062F	1	CC	S1, S2	6.0/6.0	\$32,625	\$34,256
Bachelor of Food Science and Human Nutrition	055918K	3	CC	S1, S2	6.0/6.0	\$38,345	\$40,262
Bachelor of Food Science and Human Nutrition (Honours)	073274C	1	CC	S1, S2	6.0/6.0	\$38,905	\$40,850
Bachelor of Food Science and Human Nutrition/Bachelor of Business	095144J	4	CC	S1, S2	6.0/6.0	\$34,425	\$36,146

## 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

^ Please note: 2020 and 2021 indicative annual fees are subject to change as fees are reviewed and updated. Indicative annual fees for Bachelor and Master programs are based on a full year, full time load of 80 units. Fees shown are for our campuses located in Australia. For degrees offered at our Singapore campus please see our website.



# UNDERGRADUATE DEGREES

FACULTY OF SCIENCE	CRICOS	DURATION (Years)	LOCATION	INTAKES	IELTS Overall Minimum / Section Minimum	2020 INDICATIVE ANNUAL FEE A\$ <sup>^</sup>	2021 INDICATIVE ANNUAL FEE A\$ <sup>^</sup>
Bachelor of Mathematics	001608D	3	N	S1, S2	6.0/6.0	\$32,895	\$34,540
Bachelor of Mathematics (Advanced)	0100472	3	N	S1, S2	6.0/6.0	\$34,595	\$36,325
Bachelor of Mathematics (Honours)	000628G	1	N	S1, S2	6.0/6.0	\$32,625	\$34,256
Bachelor of Mathematics/Bachelor of Computer Science	090805F	4	N	S1, S2	6.0/6.0	\$34,025	\$35,726
Bachelor of Mathematics/Bachelor of Science	098541E	4	N	S1, S2	6.0/6.0	\$35,125	\$36,881
Bachelor of Psychological Science	095149D	3	N, CC	S1, S2	7.0/7.0	\$38,350	\$40,268
Bachelor of Psychological Science (Advanced)	0100474	3	N, CC	S1	7.0/7.0	\$38,400	\$40,320
Bachelor of Psychological Science (Honours)	095150M	1	N, CC	S1	7.0/7.0	\$39,640	\$41,622
Bachelor of Science	098539K	3	N, CC	S1, S2	6.0/6.0	\$37,740	\$39,627
Bachelor of Science (Advanced)	0100473	3	N, CC	S1	6.0/6.0	\$35,750	\$37,538
Bachelor of Science (Honours)	000738B	1	N, CC	S1, S2	6.0/6.0	\$38,515	\$40,441
Bachelor of Science/Bachelor of Innovation and Entrepreneurship	098542D	4	N	S1, S2	6.0/6.0	\$31,740	\$33,327

#### KEY FOR LOCATIONS


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

#### KEY FOR INTAKES

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

<sup>^</sup> Please note: 2020 and 2021 indicative annual fees are subject to change as fees are reviewed and updated. Indicative annual fees for Bachelor and Master programs are based on a full year, full time load of 80 units. Fees shown are for our campuses located in Australia. For degrees offered at our Singapore campus please see our website.



 NUspace, Newcastle City campus

# POSTGRADUATE DEGREES

FACULTY OF BUSINESS AND LAW	CRICOS	DURATION 1 year = 3 trimesters or 2 semesters	LOCATION	INTAKES	IELTS Overall Minimum/ Section Minimum	2020 INDICATIVE ANNUAL FEE A\$ <sup>^</sup>	2021 INDICATIVE ANNUAL FEE A\$ <sup>^</sup>
Graduate Certificate in Applied Finance	032749A	2 trimesters	NC	T1, T2, T3	6.5/6.0	\$19,260	\$20,223
Graduate Certificate in Business Administration	022956K	2 trimesters	NC, S, Online, SG	T1, T2, T3	6.5/6.0	\$19,260	\$20,223
Graduate Certificate in Human Resource Management	027432J	2 trimesters	NC, Online	T1, T2, T3	6.5/6.0	\$19,260	\$20,223
Graduate Certificate in Marketing	027423K	2 trimesters	NC, Online	T1, T2, T3	6.5/6.0	\$19,260	\$20,223
Graduate Certificate in Professional Accounting	065470K	2 trimesters	S	T1, T2, T3	6.5/6.0	\$15,690	\$16,475
Juris Doctor/Graduate Diploma in Legal Practice	079631E	6 semesters	NC	T1, W	7.0/6.5	\$31,785	\$33,374
Master of Applied Finance	083518E	4 trimesters	NC	T1, T2, T3	6.5/6.0	\$38,520	\$40,446
Master of Business Administration	083519D	4 trimesters	NC, Online, SG	T1, T2, T3	6.5/6.0	\$38,300	\$40,215
Master of Business Administration (Global)	096747G	4 semesters 6 Trimesters	NC S	S1, S2 T1, T2, T3	6.5/6.0	\$29,770	\$31,259
Master of Business Administration (Global)/ Master of Science (Data Analytics)	0101396	6 trimesters	S	T1, T2, T3	6.5/6.0	\$32,635	\$34,267
Master of Business Administration/Master of Applied Finance	084250J	6 trimesters	NC	T1, T2, T3	6.5/6.0	\$38,520	\$40,446
Master of Business Administration/Master of Human Resource Management	084247D	6 trimesters	NC, Online	T1, T2, T3	6.5/6.0	\$38,145	\$40,052
Master of Business Administration/Master of International Business	084248C	6 trimesters	NC	T1, T2, T3	6.5/6.0	\$38,520	\$40,446
Master of Business Administration/Master of Marketing	084249B	6 trimesters	NC, Online	T1, T2, T3	6.5/6.0	\$38,410	\$40,331
Master of Dispute Resolution	098481A	2 semesters	NC	S1, S2	6.5/6.0	\$31,785	\$33,374
Master of Environmental Law	0100471	3 trimesters	NC	T1	7.0/6.5	\$34,115	\$35,821
Master of Human Resource Management	083520M	4 trimesters	NC, Online	T1, T2, T3	6.5/6.0	\$37,945	\$39,842
Master of International Business	083521K	4 trimesters	NC	T1, T2, T3	6.5/6.0	\$38,520	\$40,446
Master of Laws (LLM)	079533G	2 semesters	NC	S1, S2, W	7.0/6.5	\$31,785	\$33,374
Master of Marketing	083522J	4 trimesters	NC, Online	T1, T2, T3	6.5/6.0	\$38,420	\$40,341
Master of Professional Accounting	059999E	4 trimesters	S	T1, T2, T3	6.5/6.0	\$31,980	\$33,579
Master of Professional Accounting (Advanced)	065471J	6 trimesters	S	T1, T2, T3	6.5/6.0	\$33,615	\$35,296
Master of Professional Accounting/Master of Business Administration	096750A	6 trimesters	S	T1, T2, T3	6.5/6.0	\$34,110	\$35,816

## KEY FOR LOCATIONS

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

## KEY FOR INTAKES

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

<sup>^</sup> Please note: 2020 and 2021 indicative annual fees are subject to change as fees are reviewed and updated. Indicative annual fees for Graduate Certificate programs are based on 40 units. Indicative annual fees for Doctor, Graduate Diploma and Masters programs are based on a full year full time load (80 units).



# POSTGRADUATE DEGREES

FACULTY OF ENGINEERING AND BUILT ENVIRONMENT	CRICOS	DURATION 1 year = 3 trimesters or 2 semesters	LOCATION	INTAKES	IELTS Overall Minimum/ Section Minimum	2020 INDICATIVE ANNUAL FEE A\$ <sup>^</sup>	2021 INDICATIVE ANNUAL FEE A\$ <sup>^</sup>
Graduate Certificate in Cyber Security		2 semesters	Online	S1, S2		\$19,440	\$20,412
Graduate Certificate in Disaster Risk Reduction	090807D	2 trimesters	N, Online	T1, T2, T3	6.5/ 6.0	\$16,980	\$17,829
Graduate Certificate in Information Technology	096443A	2 trimesters	N, S, Online	T1, T2, T3	6.5/ 6.0	\$19,315	\$20,281
Master of Architecture	062019J	4 semesters	N	S1, S2	6.5/ 6.0	\$33,960	\$35,658
Master of Cyber Security*	0100135	4 semesters	N	S1, S2	6.5/ 6.0	\$38,315	\$40,231
Master of Disaster Resilience and Sustainable Development*	095159B	6 trimesters	N, Online	T1, T2, T3	6.5/ 6.0	\$34,790	\$36,530
Master of Information Technology (MIT)*	083517F	6 trimesters	N, S, Online	T1, T2, T3	6.5/ 6.0	\$38,340	\$40,257
Master of Materials Science and Engineering	0100265	4 semesters	N	S1, S2	6.5/ 6.0	\$39,995	\$41,995
Master of Professional Engineering (Chemical)*	098282G	6 semesters	N	S1, S2	6.5/ 6.0	\$39,790	\$41,780
Master of Professional Engineering (Civil)*	098283G	6 semesters	N	S1, S2	6.5/ 6.0	\$38,670	\$40,604
Master of Professional Engineering (Computer Systems)*	092857M	4 semesters	N	S1, S2	6.5/ 6.0	\$39,845	\$41,837
Master of Professional Engineering (Electrical and Electronic)*	098284F	6 semesters	N	S1, S2	6.5/ 6.0	\$39,920	\$41,916
Master of Professional Engineering (Environmental)*	092855B	4 semesters	N	S1, S2	6.5/ 6.0	\$38,500	\$40,425
Master of Professional Engineering (Geospatial Engineering and Surveying)*	092850G	4 semesters	N	S1, S2	6.5/ 6.0	\$39,000	\$40,950
Master of Professional Engineering (Mechanical)*	098285E	6 semesters	N	S1, S2	6.5/ 6.0	\$39,825	\$41,816
Master of Professional Engineering (Mechatronics)*	092852E	4 semesters	N	S1, S2	6.5/ 6.0	\$40,000	\$42,000
Master of Professional Engineering (Software)*	098286D	6 semesters	N	S1, S2	6.5/ 6.0	\$39,460	\$41,433

\* Accelerated degree options available based on individual student backgrounds.

## 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

<sup>^</sup> Please note: 2020 and 2021 indicative annual fees are subject to change as fees are reviewed and updated. Indicative annual fees for Graduate Certificate programs are based on 40 units. Indicative annual fees for Doctor, Graduate Diploma and Masters programs are based on a full year full time load (80 units).

# POSTGRADUATE DEGREES

FACULTY OF EDUCATION AND ARTS	CRICOS	DURATION 1 year = 3 trimesters or 2 semesters	LOCATION	INTAKES	IELTS Overall Minimum/ Section Minimum	2020 INDICATIVE ANNUAL FEE A\$ <sup>^</sup>	2021 INDICATIVE ANNUAL FEE A\$ <sup>^</sup>
Graduate Certificate in Creative Industries	096165G	2 trimesters	NC, Online	T1	6.5/6.0	\$17,755	\$18,643
Graduate Certificate in Education	096749E	1 semester	N, Online	S1, S2	6.5/6.0	\$16,200	\$17,010
Graduate Certificate in Social Change and Development	084166E	1 semester	N, Online	S1, S2	6.5/6.0	\$13,530	\$14,207
Master of Creative Industries	096166F	4 trimesters**	NC, Online	T1, T3	6.5/6.0	\$35,870	\$37,664
Master of Education	096748F	2 semesters	N, Online	S1, S2	6.5/6.0	\$33,090	\$34,745
Master of Leadership and Management in Education	023082C	2 semesters	N, Online	S1, S2	6.5/6.0	\$32,400	\$34,020
Master of Social Change and Development	088342F	3 semesters**	N, Online	S1, S2	6.5/6.0	\$29,755	\$31,243
Master of Special and Inclusive Education	096167E	2 semesters	N, Online	S1, S2	6.5/6.0	\$32,400	\$34,020

\*\*Depending upon admission qualification - duration of program will alter.

#### KEY FOR LOCATIONS

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

#### KEY FOR INTAKES

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

<sup>^</sup> Please note: 2020 and 2021 indicative annual fees are subject to change as fees are reviewed and updated. Indicative annual fees for Graduate Certificate programs are based on 40 units. Indicative annual fees for Doctor, Graduate Diploma and Masters programs are based on a full year full time load (80 units).

# POSTGRADUATE DEGREES

FACULTY OF HEALTH AND MEDICINE	CRICOS	DURATION 1 year = 3 trimesters or 2 semesters	LOCATION	INTAKES	IELTS Overall Minimum/ Section Minimum	2020 INDICATIVE ANNUAL FEE A\$ <sup>^</sup>	2021 INDICATIVE ANNUAL FEE A\$ <sup>^</sup>
Graduate Certificate in Clinical Epidemiology	095233G	1 semester	N	S1	6.5/6.0	\$17,460	\$18,333
Master of Clinical Epidemiology	095234G	3 semesters	N, Online	S1	6.5/6.0	\$34,890	\$36,635
Master of Midwifery Studies	098482M	3 trimesters	N, Online	T1, T2, T3	6.5/6.0	\$37,360	\$39,228
Master of Nursing	097897G	3 trimesters	N, Online	T1, T2, T3	6.5/6.0	\$36,865	\$38,708
Master of Public Health	064408B	2 semesters	N, Online	S1, S2	6.5/6.0	\$33,725	\$35,411

## 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

<sup>^</sup> Please note: 2020 and 2021 indicative annual fees are subject to change as fees are reviewed and updated. Indicative annual fees for Graduate Certificate programs are based on 40 units. Indicative annual fees for Doctor, Graduate Diploma and Masters programs are based on a full year full time load (80 units).



# POSTGRADUATE DEGREES

FACULTY OF SCIENCE	CRICOS	DURATION 1 year = 3 trimesters or 2 semesters	LOCATION	INTAKES	IELTS Overall Minimum/ Section Minimum	2020 INDICATIVE ANNUAL FEE A\$ <sup>^</sup>	2021 INDICATIVE ANNUAL FEE A\$ <sup>^</sup>
Master of Business Administration (Global) / Master of Science (Data Analytics)	0101396	4 semesters	S	T1, T2, T3	6.5/6.0	\$32,635	\$34,267
Master of Business Psychology	0100761	4 semesters	N	S2, T3	6.5/6.0	\$40,845	\$42,887
			Online	S1, S2, T1, T2, T3			
Master of Clinical Psychology	098562M	4 semesters	N	S1	7.0/7.0	\$42,390	\$44,510
Master of Professional Psychology	098563K	2 semesters	N	S1	7.0/7.0	\$42,390	\$44,510

#### KEY FOR LOCATIONS

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

#### KEY FOR INTAKES

S1	Newcastle – City	T2	Sydney
S2	Newcastle – Callaghan	T3	Singapore
T1	Central Coast – Ourimbah	W	Winter

<sup>^</sup> Please note: 2020 and 2021 indicative annual fees are subject to change as fees are reviewed and updated. Indicative annual fees for Graduate Certificate programs are based on 40 units. Indicative annual fees for Doctor, Graduate Diploma and Masters programs are based on a full year full time load (80 units).

# HOW TO APPLY

It is recommended you submit your application a minimum of 12 weeks before your intended semester or trimester start date. Late applications may be considered for next available intake.

## FIND AN AGENT IN YOUR COUNTRY

Our agents have the expertise to assist you in streamlining your application to the University of Newcastle, and applying for a visa from the Australian Government Department of Home Affairs.

You should ensure that your agent is contracted to the University of Newcastle to avoid delays with your application.



Scan for a list of contracted education agents in your country.

## APPLY ONLINE

International applicants are able to apply through our International Application System. Once you have started your online application form you will be provided a reference number. Should you have any questions you can contact International Admissions with your reference number.



Scan to apply online.

## APPLY BY EMAIL

If you are unable to apply online, the University of Newcastle will also accept submission of a paper-based application form. Please see the how to apply page on our website. Complete the form and email the application form and relevant documents indicated below to [ia@newcastle.edu.au](mailto:ia@newcastle.edu.au). Once your application has been received we will contact you to help you through the process.



Scan to find further information on how to apply on the University's website.

## WHAT YOU WILL NEED

As part of your application you will need to provide scanned coloured original or certified copies of original documents:

- Academic Transcripts
- Completion Certificates
- Evidence of English Proficiency
- Passport Biometric page
- For programs requiring work experience, a CV/resume and/or letters of work experience are recommended.

### You are able to have your documents certified by:

- A registered Notary Public
- A registered Justice of the Peace
- Any Australian Education Centre
- An authorised officer of an Australian diplomatic mission or
- A University of Newcastle contracted agent you have nominated as your representative.

**Please note:** if your documents are not in English you will need to provide certified English translations.



Scan to explore our degrees.

# JOIN US AT #UNINEWCASTLE

**Cherub, Bachelor of Nutrition and Dietetics**  
China

Another successful cooking class for students living on campus. They learnt about budget cooking, food safety and nutrition. Thanks for having me! [#UniNewcastle](#)

**North.Tower.UON**  
Newcastle Callaghan

Obviously the best looking bunch of people on their first night out as a family [#thisisuonstudentlivin](#) [#UONNorthTower](#)

**TheForum.NUsport**  
Newcastle

Our friends at the [@UON\\_Baseball\\_Club](#) [#teamUON](#)

**UONStudentCentral**  
Newcastle

The Cultural Awakenings Food Fair was very good. There was music, smiles and lots of food but honestly, we need a nap now as we are so full [#CulturalUON](#)









[newcastle.edu.au/international](http://newcastle.edu.au/international)



[china.newcastle.edu.au](http://china.newcastle.edu.au)



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### **NEWCASTLE CAMPUS CALLAGHAN**

University Drive,  
Callaghan NSW 2308

### **NEWCASTLE CITY CAMPUS**

Corner Hunter and Auckland Streets,  
Newcastle NSW 2300

### **CENTRAL COAST CAMPUS OURIMBAH**

Chittaway Road,  
Ourimbah NSW 2258

### **SYDNEY CAMPUS**

55 Elizabeth Street,  
Sydney NSW 2000

### **SINGAPORE CAMPUS**

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



The University of Newcastle reserves the right at all times to withdraw or vary degrees listed within this publication.

In the event that a degree within this publication has to be changed or withdrawn, applicants will be advised by mail to the address specified on the application.

All information is correct as of March 2020, but is subject to change as degree content is reviewed and updated. For the most up to date information visit [newcastle.edu.au](http://newcastle.edu.au).

2020 and 2021 indicative annual fees are subject to change as fees are reviewed and updated. Indicative annual fees for Graduate Certificate programs are based on 40 units. Indicative annual fees for Doctor, Graduate Diploma and Master's programs are based on a full year full time load (80 units).



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