International Students

2023 Undergraduate and Postgraduate Degrees

THE UNIVERSITY OF NEWCASTLE AUSTRALIA
Welcome to the University of Newcastle, Australia

At the University of Newcastle, we believe diversity is at the heart of innovation.
And with a 5-star rating for social equity, we celebrate difference, and thrive off fresh perspectives. So wherever you come from, and whatever your passion - we are here to help you pursue it. Because passionate people create change.
And we are in the business of changing the world.
Maybe you will join our 300+ scientists and researchers working to discover renewable energy solutions. You might advocate for the rights of refugees, or make your startup dream a reality.
Whatever you study, you will need real world experience.
That is why we connect you with industry to offer hands-on experience across all our degrees. In fact, we are ranked #1 in Australia for Industry Collaboration.

So let us help you innovate, create, and discover.
Join us in the pursuit of a more inclusive, fair and sustainable planet.

Do it for you. Do it for the world.

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Find out more about studying with us.

The University of Newcastle acknowledges the traditional custodians of the lands within our footprint areas: Awabakal, Darkinjung, Biripai, Worimi, Wonnarua and Eora Nations. We pay respect to the wisdom of our Elders both past and present. 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

We are delighted that you are interested in studying with us at the University of Newcastle, Australia. We are a university that is ranked as one of the top 200 in the world1. Our mission is to make a difference by providing our students with a world-class education.

We are excited to welcome students from around the world to our campuses in Newcastle, Sydney, the Central Coast and Singapore. With over 39,000 students from more than 100 countries2 bringing cultural richness and diversity, you will always feel welcome here.

We celebrate students from all backgrounds and circumstances, and we work hard to support them to excel in their studies. This is a place where you can succeed.

The last few years have reminded us of the importance of connection – to each other, to our communities and to the world. For our University community, even though we were physically distanced, we remained connected through our education and friendship.

It is wonderful that we can welcome our international students back to our campuses after such a challenging time. I believe that our University will be a much more vibrant and enriching place with you here.

When you study with us, you become part of something bigger. 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 and creating a better future for all.

What sets the University of Newcastle apart are the connections our academics bring. Their strong industry experience and collaborations bring exciting real-world learning opportunities for our students. We are ranked number one for industry collaboration in Australia3 - this gives you a competitive advantage for employment after your studies.

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, including using 100 per cent renewable electricity and on track to being carbon neutral by 2025. We are committed to the United Nations Sustainable Development Goals and are ranked top 5 in the world for Partnering for a Sustainable Future4.

We are also investing in research into next-generation resources and incorporating sustainable practices and theories into our education programs. We embrace 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

Looking Ahead
Strategic Plan 2020-2025.

Intake key dates

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<td>22 August</td>
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*Last day to add a course through MyHub without approval.

** Dates as at 27 October 2021. Dates indicated do not factor in exam periods.
Choosing to study at the University of Newcastle can give you a competitive advantage for your future career. Here are some of the top reasons to study with us.

1. **Study at a top 200 university in the world**
   - 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 who meet study and skills criteria 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, or for up to four years from our Newcastle campuses, or for up to four or five years from our Central Coast campus.

3. **Build your professional networks and connect with our industry partners**
   - We offer the chance to tap into the University’s industry connections for practical work experience, 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 pages 20-23 for more information.

4. **Experience more career opportunities and earn higher salaries**
   - More than 89 per cent of our undergraduates and 93.5 per cent of our postgraduates gain employment within four months of completing their studies. Our students start post-study work with higher salaries than the Australian average. See page 21 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. See page 8 for more information.

6. **Engage in practical learning experiences while you study**
   - We have built practical learning experiences into all of our study programs. This ensures you will be well prepared for work environments, and ready to take on new challenges. See pages 20-23 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 pages 36-37 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 services and staff, we help make your stay safe and secure, so you can focus on your study and gain unforgettable experiences in Australia.

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1. QS World University Rankings 2022
2. Department of Home Affairs
Our locations

The University of Newcastle
Central Coast campus
Sydney campus

Newcastle
Interchange
Train/Light Rail

Darby Street
Entertainment area

University’s
College of
International
Education

Hunter Street

The University of Newcastle
City campus
• Conservatorium
• NUspace
• Q Building

Newcastle
Local Court

The University of Newcastle
Callaghan campus

Sydney campus

Newcastle
Airport
Port Stephens
I2N Innovation Hub
Williamtown

Travel time*

Newcastle City campus 3mins
Newcastle Callaghan campus 20mins
Lake Macquarie 25mins
Newcastle Airport 15mins
Hunter Valley 55mins
Port Stephens 1hr
Central Coast 55mins
Sydney 1hr 30mins

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

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

Newcastle (Callaghan)
Our Newcastle Callaghan campus is a central hub for education, humanities, social science, and the fields of science, technology, engineering, mathematics, and medicine (STEMM), as well as nursing and health. The region’s largest hospitals, the Hunter Medical Research Institute, schools, early childcare facilities, and local defence and industrial hubs are all in close proximity. With all this on your doorstep, you will have plenty of chances to meet industry leaders and build practical skills. Also located at our Newcastle (Callaghan) campus, NUsport at The Forum offers state-of-the-art health and fitness facilities and programs to help maintain your physical and mental wellbeing.

Newcastle (City)
In the heart of the CBD, our Newcastle City campus provides an integral link with industry in creativity, business and law. Home to the Newcastle Legal Centre and Newcastle Graduate School of Business, NUspace harnesses the latest in technology and innovation to deliver a world-class student experience. Overlooking Newcastle harbour, Q Building is home to our School of Creative Industries as well as our Integrated Innovation Network (I2N) Hub. Enrich your learning experience with specialised studios and technologies, and shared spaces to connect with staff, industry, and community. Located just a few minute’s walk from Q Building, NUsport at The Forum Harbourside offers leading health and fitness facilities in a convenient location – so you can stay healthy while you study.

Sydney (City)
Our Sydney campus, in the middle of Sydney’s central business district, offers world-class facilities and innovative styles of learning. English language programs and a range of postgraduate programs are offered at this campus including Information Technology, Business Administration and Professional Accounting. The courses have been developed by 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.

Central Coast (Ourimbah and Gosford)
Halfway between Newcastle and Sydney, our Central Coast campus offers study programs in business, education, sciences and the environment, humanities and social science, oral health therapy, podiatry 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 nursing and specialised health degrees. Strategically located on the grounds of Gosford Hospital, our world-class Central Coast Clinical School and Central Coast Clinical Institute has transformed the region into a leader in health, research, innovation and education. The state-of-the-art facility offers a three-ward simulation centre, anatomy and histology laboratory, research laboratories, virtual reality spaces and more.

Singapore (Downtown Core)
Newcastle Australia Institute of Higher Education is our Asia Pacific hub and is located in the central business district of Asia’s premier entrepreneurial and educational hub, Singapore. From 2022 we are launching new postgraduate programs, delivered by the Newcastle Australia Institute of Higher Education at the prestigious National Library location. Undergraduate and postgraduate programs in business, commerce, communications, construction management, engineering, environmental and occupational health and safety, and information technology will continue to be offered at various existing campuses.

More than A$125 million invested into the Newcastle City campus over the past five years.

Check out our campuses.
Newcastle

A connected place to study
Newcastle is a vibrant coastal city with restaurants, cafes and pubs. It is the second largest city in the state of New South Wales, 1.5 hours north of Sydney. There are many events and things to do and you will be warmly welcomed to explore the Australian lifestyle and culture.

For international students, Newcastle is:
• more affordable than other major cities
• a vibrant city
• friendly and safe
• great for work opportunities

Nearby Newcastle
Surrounding Newcastle are regional attractions including:
• Lake Macquarie - Australia’s largest coastal saltwater lake
• Port Stephens - a collection of seaside villages with beautiful sand dunes
• Hunter Valley - stunning vineyards, valleys and gourmet eateries
• Barrington Tops – a world-historical listed rainforest popular for bushwalking, kayaking, abseiling and mountain biking
• Central Coast - beautiful waterways for bike riding and water sports, National Parks for bushwalking and an abundance of restaurants

Entertainment
There are many low-cost and free activities for you and your friends around the city.
Here are some ideas to start with:
• Rent a bike, ride along the coast and watch for whales in winter
• Go hiking or spot wildlife at Blackbutt Nature Reserve or the Hunter Valley Zoo
• Grab some fresh produce at Newcastle City Farmer’s Market
• Explore arts and history at Newcastle’s Museum, Art Gallery or Civic Theatre
• Be spotted for talent, singing your heart out at karaoke nights at venues across Newcastle
• Go for a dip at one of Newcastle’s world-famous beaches or swimming baths
• 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/events

Food
With a range of mouth-watering restaurants, bars and cafes, 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 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), Sapphire Indian (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 or the Central Coast Mariners (football) at Central Coast 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 Major Airport in 2021.

Public Payphones
Free local and national calls to standard fixed line numbers and standard Australian mobiles.

Visit Newcastle

With a growing population of more than 170,000 people, Newcastle supports 102,800 jobs and has an annual economic output of $37.3 billion

Food suggestions were correct at time of printing, please check online for up-to-date information. 1 Australian Airports Association (AAA), 2021. 2 REMPLAN Economic, Newcastle 2021.
Sydney

Australia’s largest city is one 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.

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

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.

Connectivity and getting around

Connected

We recommend you have access to mobile data and use your smartphone apps 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.

Food

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 through 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 him 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.

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1 Food suggestions were correct at time of printing, please check online for up-to-date information.
2 Destination NSW Media Releases 2019.
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 a range of scholarship opportunities for international students studying undergraduate and postgraduate degrees. Scholarships are valued up to $40,000 depending on the length of study, and can greatly reduce the cost of tuition and other study-related expenses.

Vibin engineers a brighter future

Vibin moved from India to study a Master of Materials Science and Engineering at the University of Newcastle. He was attracted to Materials Science and Engineering as it combined coursework with research.

“I am passionate about doing research to develop and engineer the materials used in energy applications and carbon capture,” said Vibin. Vibin was ecstatic to be awarded a scholarship for his strong academic record. The financial assistance he received allowed him to focus more on his studies.

“Once I heard the news, I screamed when I saw the scholarship letter and my Mum and Dad asked me ‘what happened?’ I showed them the scholarship letter to them. They were very excited and happy about the news,” said Vibin.

After his Masters, Vibin plans to undertake a PhD in Material Science Engineering, focusing on energy applications for batteries, fuel cells, supercapacitance, and carbon capture technology.

Outside of his studies, Vibin works as a Language Support Assistant for international students at the University, and also as a Research Assistant at the Global Innovative Centre for Advanced Nanomaterials (GICAN).

“I love both of these jobs,” says Vibin. “Working here on campus, I am getting a good salary and it is good for my profile.” Vibin is excited by what the future holds and encourages other international students wanting to study at the University of Newcastle to keep a good academic record.

“Work hard and success will automatically follow you,” he said.

Cheena’s childhood dreams come true

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 achieve innovative results. Cheena’s excellent grades helped her to secure a scholarship at the University of Newcastle.

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 experiences with prospective students, schools and the community.

Cheena, India
International Scholar, 2019
Bachelor of Computer & Systems Engineering (Honours)

Read more about Cheena’s story.

Amna invests in new skills

Amna, from Pakistan, was over the moon when she found out she was successful for a scholarship she applied for at the University of Newcastle. Studying a Bachelor of Business, her degree has taught her many of the skills needed to successfully run a business, such as communication, problem solving, marketing and entrepreneurship. In the future, she plans to manage her father’s business in Dubai and London.

Malou chases a sustainable future

When Malou landed an Australian Awards Scholarship to study a world-first Master of Disaster Resilience and Sustainable Development program at the University of Newcastle, she said it was an easy decision to leave her job in the Philippines. As part of her scholarship, a dedicated Student Contact Officer helped Malou through every step of her journey and treated her like family. Since graduating, Malou has returned to her home in the Philippines and is now working for the United Nations.

Read more about Malou’s story.
Life-ready graduates

Recognising the rapidly changing environment our students will be entering when they graduate, our education experience will prioritise activities that help develop life-ready graduates who are community-minded, resilient and ready for work.

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<th>Build your career</th>
<th>How we can help</th>
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<td>Get involved on campus and in the community</td>
<td>• Career Services can connect you with volunteer opportunities at the University or community organisations, expanding your network and giving you valuable work experience</td>
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<td>• Get involved with the clubs and societies across our campuses and develop your interpersonal and team work skills to stand out from other job candidates</td>
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<td>Seek out practical experiences throughout your studies</td>
<td>• With Work Integrated Learning built into most study programs, we help students access real-world experiences that employers seek</td>
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<td></td>
<td>• Explore our extensive CareerHub online where employers post opportunities for graduate employment, part-time experience, paid internships and more</td>
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<td>• Find on-campus work opportunities to help support you during your studies as well as gain experience working in Australia</td>
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<tr>
<td>Practise and develop a range of employable skills</td>
<td>• Visit Career Essentials to develop resumes, cover letters and practise interview techniques in our interview simulator</td>
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<td>• Build your skills through University workshops, like the Make a World of Difference program, which helps you navigate and understand Australian workplaces. You will learn to develop your job search skills through workshops, practise interview sessions, develop your CV, build your LinkedIn profile and network with professionals</td>
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<td>• Stay in touch with our dedicated Employability Consultant for international students to help keep your career plans on track and your skills up to date</td>
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<td>• With Career Services you can also access free career counselling, job application assistance, practise interview sessions and even get help creating the perfect LinkedIn profile</td>
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<td>Connect with others and expand your networks</td>
<td>• Join professional networking opportunities such as iLEAD, or make use of the University’s strong partnerships with industry</td>
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<td>• Join the University Careers Expo and meet graduate recruiters to help you transition into the professional world of work</td>
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<td>• Connect up with the University’s strong alumni network around the world</td>
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<td>• Participate in Career Connect which links you with over 100 extra-curricular experiences that will build your employability skills</td>
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Real-world experience

Work alongside your studies

International student, Sora, is passionate about sharing his knowledge with others.

So when it came to higher education, he leapt out of this comfort zone – travelling from his home country of Kuwait to the University of Newcastle to study a Bachelor of Computer Science.

Studying at the University’s Callaghan campus, Sora has been able to explore his passion for computing, software and application development while meeting new people and gaining important work experience in his field of study.

“What interests me about my degree is that it allows me to develop software applications, games and websites – things that can help make everyday life a little bit easier.

“I have been able to use virtual reality (VR) technology which has inspired me to explore how I could develop VR related games both for fun and research or training purposes,” Sora said.

Meeting global demand

The data analytics industry is exploding, and international student Navneet is ready to seize every opportunity.

After coming to Newcastle from Mohali, Punjab, India where she completed a Bachelor of Engineering at Chitkara University, Navneet is expanding her knowledge through a combined Master of Business Administration (Global) and Master of Science (Data Analytics). She says she’s gaining the real-world experience needed to meet global demand.

“This degree will help me to gain new coding and analytical skills in data science, along with management and marketing strategies. It will help me gain detailed knowledge and open potential career paths in business intelligence as an analyst.

“Also, this degree provided various practical experiences which helped in enhancing my skills and abilities,” Navneet said.

A highlight of the degree has been a regional study tour which took students away from the major cities.

“The most exciting time was when the University gave us the opportunity to go on a regional trip to explore how rural areas in Australia work and the strategies they implement.

“Not only is Sora expanding his own computing knowledge through his studies, he is also helping younger students do the same through exciting work experience, working as a Lab Demonstrator, a Software Developer and a Customer Service Assistant at the University’s library.

Watch the MBA Global study video.
When you study here, you will have the chance to travel the world – and get credit for your degree at the same time. There are opportunities for global experiences across every area of study. Enhance your employability through improved communication, teamwork, and leadership skills. Build resilience, boost your problem-solving and analytical skills, and form valuable professional connections from all over the world. It’s also a chance to discover new cultures, try new food and make lifelong friends. With access to more than 100 partner universities across all major continents, it really is the chance of a lifetime.

85% of students who studied abroad said that it had a positive impact on developing their career skills1.

Semester exchange
With the option to live and study overseas for either one semester or one year, this is your chance to truly immerse yourself in a new culture and way of life. You remain enrolled and paying tuition at the University of Newcastle, and earn credit towards your degree while abroad.

Academic short courses
Generally between two to four weeks in duration, short courses are a great option if you want to add an international element to your degree and have a spare elective. A wide range of short-term programs are on offer for students all over the world.

Study tours
A study tour is a unique global experience that combines travel with real world experience in your area of study. Tours – led by experienced University of Newcastle staff – are a chance to travel with other students and gain the experience of a lifetime.

Global internships and placements
Enrich your learning and expand your connections in the field through an international internship or placement. You will gain hands-on experience in established organisations – all while seeing the world.

Other international opportunities
Whether it is collaborating on projects with overseas students or attending international conferences or global competitions – we believe in creating opportunities for you to collaborate with like-minded students, expand your thinking and make global connections.

Kelsey
Semester exchange - Singapore
“Studying overseas has been a very enriching opportunity for me, both personally and professionally. Supplementing your studies with frequent travel throughout the region is an amazing opportunity to experience a new section of the world, broaden your horizons, and return to Australia feeling refreshed and motivated. My experience has given me more understanding and empathy to better communicate as a global citizen and respect unique aspects about each country. Professionally, it has strengthened my ties with the Indo-Pacific region and provided me with some fabulous networking opportunities, opening possible doors to return to the region upon graduation.”

Jesh
MBA (Global) study tour - Lisbon, Portugal and Italy
“The confidence I gained during the MBA study tour has helped me greatly. In my workplace, I can confidently communicate and work effectively without feeling fearful. I believe that this study tour has also given me an edge by broadening my understanding of people. I learnt that to be successful in any part of the world, the most important aspect is communication and language. It is truly a once in a lifetime opportunity. It has inspired me to think bigger and better because anything is possible.”

Sian
Semester exchange - Lund University, Sweden
“If I could do it all again, I would in a heartbeat. I feel so incredibly lucky to have been able to go on exchange... I truly got so much out of my experience and strongly encourage anyone considering going on exchange not to hesitate.”

1 IEAA - Career outcomes of learning abroad report 2020.
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 Newcastle Jets, Sinosteel, BMG Australia, the Australian Tax Office, Legal Aid, Engineers Australia, The Greater Bank, Hunter New England Health, Central Coast Local Health Districts, and the Hunter Medical Research Institute to name a few.

We are the top-ranked university for industry collaboration¹ 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.

We have strong partnerships with organisations and universities across the world. Here, you will have the opportunity to participate in global learning experiences in countries such as Canada, China, Germany, Singapore, the South Pacific, the United Kingdom, and the United States of America, among others.

“At nib, we know how important it is to communicate effectively with our members and communities to achieve better health outcomes. We have been fortunate enough to work with many students from multicultural and multilingual backgrounds to help us with these efforts. That is why we believe the work of the University of Newcastle, connecting students with industry, is so important as it recognises the value that international students can bring to business communities. Projects like these really showcase the unique contribution that international students make to a community.”

David Chung
Head of Marketing and Digital, nib Health Funds

“Undertaking an internship while studying gave me the opportunity to experience an Australian working environment and connect with local professionals. As an international student, this experience really broadened my career horizons and helped me explore my own potential. The internship helped me realise that I wanted to become a Chinese market specialist to connect businesses overseas with opportunities within the Chinese market.”

Emma Wu
Bachelor of Business (Tourism), 2017
Emma undertook a Work Integrated Learning internship at local marketing agency, Fresh Marketing.

“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.”

North Construction & Building

“BMG sees immense value in connecting our artist roster with the University’s students across all creative arts disciplines to create an ever-changing 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 am excited to help develop a new wave of industry professionals from this great city.”

Heath Johns, Managing Director, BMG Australia and New Zealand
Master of Marketing, 2007
Master of Business Administration, 2006

Above average employment and salaries

<table>
<thead>
<tr>
<th>Category</th>
<th>Statistics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Of our undergraduates find employment within four months of graduating¹</td>
<td>89.8%</td>
</tr>
<tr>
<td>Median starting salary for undergraduate employment - above the national average²</td>
<td>A$63,193</td>
</tr>
<tr>
<td>Of our postgraduates find employment within four months of graduating¹</td>
<td>93.3%</td>
</tr>
<tr>
<td>Median starting salary for postgraduate employment - above the national average²</td>
<td>A$82,969</td>
</tr>
</tbody>
</table>

Entrepreneurial opportunities

Integrated Innovation Network (I2N)

I2N is the University’s epicentre of entrepreneurship. Its headquarters, located at Honeysuckle, is purpose-built to drive enterprise skill development and startup success with state-of-the-art facilities including a maker space and free co-working for pre-startups. Connect to a community of change-makers, and their supporters, by engaging in a range of free networking events, hackathons, mentoring, and pre-accelerator programs.

“Build your ideas, test your thinking and access industry experts. Together we can make big things happen.”

— Antony Martin
Co-Founder of Hone
Doctor of Philosophy (Biotechnology), 2015
Bachelor of Mathematics/Bachelor of Science (Biotechnology) (Honours), 2014

Equipped for success

Tandin, Bhutan

Master of Educational Studies, 2010

Tandin, a University of Newcastle alumnus, leads an anti-human trafficking program for the United Nations. Her proudest achievement has been the rescue of 145 women from Iraq, which was a direct result of her work with the Royal Government of Bhutan. Her inspirational work empowering families and lobbying the government also led to her being awarded the Bhutan Women Leadership Award in 2018.

Duanduan, China

Bachelor of Business and Master of Marketing, 2017

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 University of Newcastle Global team. She credits those experiences with helping her to better understand Australian work culture, as well as improve her business and English communication skills.

Kanishk, India

Master of Business Administration, 2011, Master of Marketing, 2011

Kanishk has a reputation for helping businesses flourish. He has provided advice to organisations across many sectors and was even awarded an Excellence in Service award by Austrade. Studying and working in Newcastle pushed him outside his comfort zone. It encouraged him to embrace an international mindset and give him the opportunity to form lifelong friendships. “The memories with those colleagues, I will always cherish,” said Kanishk.

Wei Juen Lim, Malaysia

Bachelor of Speech Pathology (Honours), 2020

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.
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).

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

CIFAL Newcastle is one of 22 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, public health and risk reduction of natural disasters.

Our Master of Disaster Resilience and Sustainable Development program includes courses certified by CIFAL.

CIFAL Newcastle is the only United Nations affiliated training centre in Australia

Find out more about CIFAL Newcastle.

We align our strategic priorities with the United Nations Sustainable Development Goals to achieve a better and more sustainable future for all.

Learn to lead

iLEAD is the University’s 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 in a diverse and supportive community. We connect you with like-minded students to undertake unique challenges and partner up with an established professional mentor to support you in your leadership aspirations.

Students build leadership skills that allow them to be:

- Culturally aware
- Entrepreneurial
- Ethical
- Critically-engaged
- An influential collaborator

Expand your networks around the world and increase your visibility with employers with iLEAD. 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.

Explore how iLEAD can help you develop your leadership skills.

There are a number of study programs, CIFAL short courses and workshops that students can choose to pursue.

Explore how iLEAD can help you develop your leadership skills.

“Through iLEAD, 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 has done for me and now it is time for me to pay it forward.”

Marby, Philippines
Bachelor of Computer Engineering (Honours), 2021

1 Times Higher Education Impact Rankings 2022.
At the University of Newcastle, these scenarios are more than just wishful thinking. We are turning these ideas – and many others – into reality.

We know that a better tomorrow lies in our ability to find new solutions to some of the world’s greatest challenges. That is why our world-class researchers drive discoveries and innovations that challenge conventional thinking, break new ground, and change lives.

Together with our industry and community partners, we are making a difference in our communities and around the world.

We are also shaping the workforce of the future, by involving our students in the search for new knowledge and giving them opportunities to be part of solutions that deliver real-world impact.

**Our priorities**

At the University of Newcastle, we have defined four engagement priorities that will guide our research, teaching and partnership efforts. These inter-connected priorities reflect the purpose-driven issues and opportunities our University has the capacity, expertise and civic responsibility to address. They also echo the challenges our industry and community partners are committed to.

None of these engagement priorities stand alone. They complement and intersect with one another, helping us foster the type of multidisciplinary collaboration that will deliver outcomes that matter to our communities, our economies and our planet.

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**Better, Healthier Living**

We will deliver better health outcomes and contribute to improving the well-being of our communities.

**Connected Communities**

We will create a stronger, more inclusive society by collaborating with communities to build local capacity, social connectedness, and a sense of belonging.

**Next Generation Resources**

We will bring the world closer to a sustainable future with solutions for the use of natural resources and the development of new energy technologies.

**Growing Industries**

We will harness our regions’ innovative spirit and history of transformation to help grow our current industries and drive investment into future opportunities.

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**Top 8**

in Australia for research ‘well above world standard’

95% of our research is ‘at’ or ‘above world standard’

**Top 5**

in the world for Partnering for a Sustainable Future

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**Printed solar on public display**

A futuristic demonstration of emerging renewable energy material – printed solar cells, is being trialled in a public setting for the first time.

The University of Newcastle’s renewable energy tech – which is ultra light-weight, ultra flexible, recyclable and cheap to manufacture – will power interactive public lighting in Sydney.

The material, similar in thickness and appearance to a chip packet, is manufactured using conventional printers. Physicist Professor Paul Dastoor, from the School of Mathematical and Physical Sciences, who created the material, said his team were excited to take their ‘science to the streets’.

Located within Lane Cove Council’s vibrant new urban space ‘The Canopy’, the demonstration places the organic printed solar material in an ordinary environment, where people will interact with it as they go about their grocery shopping, play with their children in the park, or enjoy food in one of the nearby restaurants.

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The University of Newcastle is committed to bringing the world closer to a sustainable future through its next generation resources engagement priority. This public demonstration is a way to spark conversation and showcase ‘what’s next’ for the future of energy generation.

Lane Cove is the only public place in Australia where the printed solar can be viewed.

**Installing the solar display**

The low-cost, light-weight, flexible and durable material is inspiring a range of possible applications from retractable recharging systems for electric vehicles, to floating covers for dams and pools and from yacht sails to smart blinds for residential and high-rise buildings.
Inspired learning

"The refurbishment was exciting, and will enhance the experiences of students, researchers and manufacturers alike."
Emma Beckett, Lecturer
School of Environmental and Life Sciences

Innovative food facilities for science and nutrition students

Our new $1 million Food Innovation Kitchen and Laboratory at the University’s Ourimbah campus provides science and nutrition students with access to commercial quality facilities.

Designed to meet commercial food preparation standards, the state-of-the-art food laboratories, testing services, and industrial scale kitchen enables almost 100 science and food nutrition students to use the space in any given week, alongside world-class researchers and local food enterprises.

The Central Coast has an international reputation for excellence in food innovation and production, and these facilities empower students and the local industry to develop the foods of the future. By studying at the Central Coast campus, you can also receive up to four years post-study work eligibility.

The food sector is one of the largest employers on the Central Coast, supporting more than 8,500 jobs. This innovative teaching space enhances the experiences of students, researchers and manufacturers alike.

Students are educated in all aspects of food science and nutrition, including food production and manufacturing through to nutritional balance, food analysis and consumer behaviour.

Where can a Bachelor of Food Science and Human Nutrition take you?

New teaching technology

Cutting-edge technology, including virtual and augmented reality, is being used to develop our students’ understanding of anatomy within diagnostic imaging and other medical disciplines. When combined with traditional anatomical teaching methods, the SECTRA-based teaching table – with 2D and 3D representations of the human body – is providing an innovative way to enhance the learning and study experience.

The University of Newcastle has deployed a fantastic virtual reality (VR) teaching tool, Virtual Radioactivity, into first year physics laboratories with over 160 students using it in the first weeks. This new way of teaching allows students to explore the interaction between radiation and matter, which is normally invisible. It has also allowed us to introduce some new experiments with radiation that would otherwise be unsafe to conduct in an experimental laboratory.

The VR simulation lets students experiment with radiation, taking measurements and visualising sub-atomic particles. Students can choose multiple radiation sources, different barriers and interact with the virtual environment around them. When they finish, they can automatically email their experimental measurements. This project was a collaboration between the School of Mathematical and Physical Sciences, the Centre for Advanced Training Systems (ATS) and the IT Innovation Team, with funding support from the Deputy Vice-Chancellor Academic Office.

The use of virtual reality in teaching is being rolled out across many areas of the University, as it offers an immersive, unique and safe learning experience for students. Other examples include Virtual Oral Musculature Assessment for speech pathology students and Virtual Crime Scene for criminology students.

Playing with radiation – a virtual reality training application

Watch a walk-through video of Virtual Radioactivity.
The English Language Centre gave me the opportunity to engage with Australian and other international students and provided excursions to experience different cultures. I was very grateful for this fresh start in a friendly, supportive and culturally diverse atmosphere.

Shuang, China
Doctor of Philosophy (Building), 2020
International Student of the Year (English Language Intensive Courses) for NSW, 2020
The University of Newcastle College of International Education is your starting platform to higher education. Offering alternative pathway opportunities to over 130 undergraduate and postgraduate degree programs at the University of Newcastle.

As the University's official international college, the College issues packaged offers with both the pathway and degree programs included. Students will receive an electronic Confirmation of Enrolment (eCOE) from both institutions upon acceptance of an offer.

Foundation Studies in Medicine
The Foundation Studies in Medicine (FSM) program provides international students with a pathway into the Bachelor of Medical Science and Doctor of Medicine (Joint Medical Program) at the University of Newcastle. One of a handful of programs of its type in Australia, successful applicants receive a packaged offer and those who accept an offer will receive an electronic Confirmation of Enrolment for both FSM and the Bachelor of Medical Science and Doctor of Medicine. There are two intakes per year (February and June) and a maximum of 30 students per year. Progression to the medical program is conditional on achieving a percentage score and passing a Personal Qualities Assessment (PQA) conducted by the School of Medicine, including a face to face interview.

Pre-Masters Program
The College of International Education’s Pre-Masters Program is taught over two trimesters. In the first bridging trimester, you will develop your study and research skills, along with English academic language in writing, reading, listening and speaking. By the second pre-masters trimester, you will begin studying university subjects that are part of your chosen masters program. On successful completion of the Pre-Masters Program, you will receive 30 credit points towards your chosen postgraduate degree at the University of Newcastle and jump straight into the second trimester of your degree.

Why study the Pre-Masters?
- Flexible entry and English language requirements
- You begin your masters courses after just one trimester, and then progress directly into second trimester
- Extra support to develop your English and academic study skills
- You only add an additional four months to your degree

Pre-Masters Programs available:
- Pre-Masters Program Business and Commerce
- Pre-Masters Program Information Technology

For a full list of entry requirements.

Degree Transfer Programs
The College of International Education’s specialised Degree Transfer Programs are equivalent to the first year of a bachelor degree at the University of Newcastle. They include English language tuition, study skills, problem solving and communications skills, as well as the introduction to your chosen specialty. Successful completion of a Degree Transfer Program allows students to progress into second year of an undergraduate degree. There is also an extended option with an additional 15 week bridging semester for students with slightly lower academic results and/or English language proficiency.

Degree Transfer Programs available:
- Degree Transfer Business
- Degree Transfer Extended Business
- Degree Transfer Commerce
- Degree Transfer Extended Commerce
- Degree Transfer Engineering
- Degree Transfer Extended Engineering
- Degree Transfer Information Technology
- Degree Transfer Extended Information Technology

Your pathway to the University of Newcastle
Your path to university depends on your qualifications and your chosen degree. Choose from a variety of our progression pathway programs.

The College
High School (Year 11)
High School (Year 12)
Undergraduate Qualification
Foundation Studies (the college)
Degree Transfer (the college)
Pre-Masters Program (the college)

University of Newcastle
Year 1
Year 2
Year 3
Year 4 (Honours only)

Masters Program

For full list of entry requirements.
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 adapt to a new country and studying in Australia. You will make friends quickly with many academic, social and sporting activities each week.

1 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).
2 Excellence in Student Experience 2016, Asia-Pacific Student Accommodation Association (APSAA).

We are No. 1
Housing Operator of the Year, 2017 and Excellence in Customer Service, 2019

Safe and secure
24 hours / 7 days a week security on site and free security shuttle

Leadership opportunities
We employ at least 70 students every year through Student Living

Study support
Dedicated study spaces and mentor-run sessions

We have many options for student living.

Weekly prices range from $199 (non-catered) through to $470 per week (includes dinner meal service). See page 37 for details.

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

Find out more about living on campus.

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

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 $199 (non-catered) through to $470 per week (includes dinner meal service).
See page 37 for details.

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

Find out more about living on campus.

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.

Not sure what to expect?

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

Uni Newcastle Residents
uni_newcastle_residents

Norasyrin, Singapore
Student Resident – PhD (Education)

"As an international student, living on campus is great because it gives you easy access to classes, campus life and the support services available. It is also a safe environment to live in. One of the things that I love most is that you get to create your own family in such a vibrant community – forging great friendships with students from all around the world."

Norasyrin, Singapore
Student Resident – PhD (Education)
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 AU$21,041 to stay in Australia for 12 months¹.

¹ The Department of Home Affairs has financial requirements international students must meet in order to receive a student visa for Australia. As of December 2020 the 12-month living costs are AU$21,041 for students and guardians, AU$6,362 for partners coming with you and AU$3,152 for a child coming with you. Education and Living Costs in Australia, Australian Government.

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:

- 46% cheaper than Sydney
- 22% cheaper than Melbourne
- 16% cheaper than Brisbane

*Prices sourced from Cost of Living comparisons at budgetdirect.com.au

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)
Arrivals and orientation

The first few days in a new country and on campus can be overwhelming. Here are some tips to help you ease 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. See our website 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.

Orientation

For new undergraduate students, the week before classes commence is a time to learn all about your new home for the next few years. During orientation, you can join a campus tour, attend an information session about your study program, get your student card and check 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.

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 – from countries and regions around the world that are open for all to join
- 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

Malaysian University of Newcastle Student Association (MUNSA)

MUNSA’s vision is to build an extensive community of Malaysians while providing support and promoting better relationships amongst Malaysian students and promoting social and cultural exchange with the diverse range of students on campus.

Australia China Youth Association (ACYA)

ACYA is a vibrant community of young Australian and Chinese students interested in promoting cross-cultural understanding and developing lasting friendships, academic and business partnerships, and professional and educational opportunities.

Brazilian Society (BRASO)

BRASO is a place where all people can experience Brazil and its culture, food, sports and dance.

Indian Student’s Association of Newcastle University (ISANU)

ISANU aims to promote, educate and celebrate the Indian culture through events. They help out international students with getting around the University and support them in their studies.

Bangladeshi Students’ Association of Newcastle University (BSANU)

BSANU aims to offer support to Bangladeshi students in accommodation, initial settlements and moral support. BSANU organise different cultural events for all to enjoy.

Vietnamese Students of the University of Newcastle (VSUN)

VSUN aims to support Vietnamese students and expose Vietnamese culture to International students from other countries.

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.

Award-winning buddy program

We understand moving away from your friends and family can be challenging so our award-winning buddy program, NUmates, has your back. NUmates connects international students with locals including University staff and their families, and other University of Newcastle students. Enjoy a trip to the beach, park, or a museum with your buddy – or simply email them to ask restaurant recommendations. The amount of contact and support shared is completely up to you and your NUmates buddy!
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. Student Central is your first point of contact on campus for help and advice on almost anything student related, information about your degree, help and advice on anything student related; information about your degree, help and advice on almost anything student related.

The 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
- The Shop (University merchandise)
- Free security shuttle
- Childcare services
- Counselling
- Post office
- Prayer rooms
- Student kitchens
- Student lighthouses

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. 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. We also have 24/7 security on site and a free security shuttle.

After hours support
We have 24-hour security on site at all of our campuses every day of the week and a free security shuttle. International students can also access an after-hours phone hotline on 1800 081 233 within Australia.

Accessibility services
The University has a range of services to enable students living with a 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.

Bike hubs are available at Newcastle Callaghan and Newcastle City where cyclists can store or make repairs to their bikes. The nearest train or tram stops to our campuses include:
- Warabrook (Newcastle Callaghan)
- Civic (Newcastle City)
- Ourimbah or Gosford (Central Coast)
- Martin Place or Wynyard (Sydney)

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.

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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 Callaghan 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 and preventative treatments.

Counselling
Our Newcastle Callaghan 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, practise interview sessions and update your resume. You can also learn the valuable skill of how to pitch to employers about your abilities 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 connections, 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 President Commissioner of Indonesia’s largest taxi fleet and transportation service, the Blue Bird Group, she is responsible for more than 50,000 vehicles and 55,000 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.

Disease fighting superfood

Dr Vincent Candrawinata is a researcher and innovator in the field of food, health and nutrition. During his PhD, Vincent developed a dietary antioxidant with major health benefits. The potency of the antioxidant is achieved through a groundbreaking natural extraction technology, which allows for the natural phenolic compounds in horticultural produce to be used within an innovative nutraceutical product. These compounds are one of the most potent combinations of antioxidants in existence, and are linked to a reduced risk of cardiovascular diseases, respiratory diseases and even cancer.

Active alumni networks

Get involved in our international alumni network to expand your professional and personal networks, meet people with shared interests and attend alumni events. We have active alumni in the following regions:

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

155,000+

Alumni based in 149 countries1

1 Salesforce data as at 13 January 2021.

Learn more about Vincent’s story.

Dr Vincent Candrawinata
Young Alumni Award recipient, 2016
Doctor of Philosophy (Food Science), 2015
Bachelor of Science (Food Technology) (Honours), 2011
Bachelor of Food Science and Human Nutrition, 2010
Architecture, Building and Construction

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

Top 150 in the world for Architecture and Built Environment

96.3% of postgraduate Architecture and Built Environment graduates found full-time employment within four months

A$76,700 median starting salary for postgraduate Architecture and Built Environment graduates - above the national average

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
- Construction economics, finance and procurement
- Contract administration
- Estimating and tendering
- Facilities management
- Law, health and safety
- Management and communication

Professional recognition

Fully endorsed by five professional bodies in Australia and internationally:

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

Career opportunities/outcomes

Career examples include:

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

Course overview

The global construction industry is booming. Construction managers lead and coordinate building and physical infrastructure projects. Working both on and off site, they schedule and coordinate the design and construction process, including selecting, hiring and supervising trade contractors, as well as the budget and legal aspects of the project. Our degree has a high level of professional recognition both in Australia and overseas.

Practical experience

16-week mandatory industrial experience

What you will study

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

- Making conceptual models, including digital fabrication in our Makerspace
- Construction technology and ecology principles
- Construction and detailing of buildings
- Communication in the built environment
- Digital and parametric design processes
- Construction economics, finance and procurement
- Construction ecology and technology
- Building presentation and detail models in our Workshop
- Building site as landscape
- Digital and parametric design processes
- Construction technology
- Construction economics, finance and procurement
- Communication in the built environment
- Digital and parametric design processes
- Construction technology and ecology principles
- Construction and detailing of buildings
- Making conceptual models, including digital fabrication in our Makerspace
- Sustainable design practices
- The architectural site as landscape

Professional recognition

The Bachelor of Design (architecture) is Internationally recognised

Career opportunities/outcomes

Some typical careers include:

- Designer
- Project Manager
- Town Planner

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

CHICOS code 062615G
Duration 2 yrs FT
Locations Newcastle – Callaghan
Indicative annual fee 2022 A$56,945
2023 A$57,419
IELTS IELTS overall minimum - 6.5
IELTS section minimum - 6.0
Intake 5L, 52
Practical experience Opportunities available

Course overview
Learn how to think laterally, design for change, and improve our world. Explore the ways you can influence and shape the design of our built environments with the most studio-based architecture program in Australia. The city of Newcastle is undergoing significant transformation, making it a unique centre for innovative design practice. Our Master of Architecture program encompasses all aspects of design, from research and conceptual formation, to a detailed level of resolution and technical refinement. We help students to act in the world in a conscientious manner to work with others, and to communicate with clarity and maturity. There are multiple pathways through the program, from research-led prizes studios, to a self-directed final year spent on a project that you conceive and develop. Our students engage with teachers and practitioners from interstate and abroad, with great opportunities for live projects and travel. Work on projects that address real world problems, work side-by-side with communities, and showcase your work to industry and through public exhibitions.

What you will study
Keeping pace with progressive architecture schools around the world, the Master of Architecture program is heavily studio-based. You will study:
- Dedicated projects that focus on engaged, integrated and applied forms of architectural practice that include the practical and theoretical knowledge that underpins architectural design
- Core courses that focus on the professional aspects of architectural practice and management

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

Career opportunities/outcomes
Career examples include:
- Architect
- Construction Manager
- Environmental Designer
- Infrastructure Planner
- Overseas Aid Worker
- Private and Commercial Practice
- Project Manager
- Property Developer
- Researcher
- Town Planner
- Urban Designer

Master of Disaster Resilience and Sustainable Development

CHICOS code 095159B
Duration 2 yrs FT
Locations Newcastle – Callaghan Online
Indicative annual fee 2022 A$57,710
2023 A$58,616
IELTS IELTS overall minimum - 6.5
IELTS section minimum - 6.0
Intake T1, T2, T3
Practical experience Opportunities available – student arranged

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

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:
- Environmental, business and project management
- Government and private sector approaches to disaster risk reduction
- Environmental, business and project management
- Theory and practice of disaster management

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

Career opportunities/outcomes
Career examples include:
- Disaster Recovery Planner
- Emergency and Crisis Manager
- Environmental Protection Officer
- Resilience Officer
- Workplace Health and Safety Manager

See the website for a full list of our degrees.
Arts, Humanities and Social Sciences

For a full list of degrees, combined degree options and programs offering end on honours see pages 56-58.

Bachelor of Arts

CRICOS code 00606X
Duration 3 yrs FT
Locations Newcastle – Callaghan

Indicative annual fee 2022 A$3,555
2023 A$3,624
IELTS IELTS overall minimum - 6.0
IELTS IELTS Section minimum - 6.0
Intake SL, S2

Practical experience WIL courses, independent projects and placements.

Course overview
If you want to expand your knowledge of the world and human culture, hone your critical thinking skills inspired by creativity, communication, and knowledge in the past and present, then a Bachelor of Arts is for you. Be guided by scholars of international standing as you develop a collaborative research project or use your writing skills to interpret and analyse language and culture – spanning literary, audiovisual, and other forms. 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:

- English and Writing
- Film, Media and Cultural Studies
- French Studies
- German
- Global Indigenous Studies
- History
- Human Geography and the Environment
- Japanese Studies
- Japanese Studies
- Korean
- Media Studies
- Politics
- Religious Studies
- Russian Studies
- Sociology and Anthropology
- Technology

Minors are available in the above majors as well as:

- Ancient History
- Information Technology
- Education
- Gender and Sexuality Studies
- Writing Studies

Career opportunities/outcomes
Our graduates enjoy great employment prospects with over 86% securing jobs upon completion of their degree. Employment options for graduates are linked with your chosen area of specialisation and may include roles in local, state and national 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 skills developed by the Bachelor of Arts.

Bachelor of Social Science (Honours)

CRICOS code 01476C
Duration 3 yrs FT
Locations Newcastle – Callaghan

Indicative annual fee 2022 A$3,630
2023 A$3,700
IELTS IELTS overall minimum - 6.0
IELTS IELTS Section minimum - 6.0
Intake SL, S2

Practical experience Option to complete an 80- hour work placement.

Course overview
Are you interested in society and the inner workings of humanity? Social science is the study of social relationships, structures and issues. Make your mark by crafting strategies and solutions to social challenges, develop your cultural understanding, ethical awareness and knowledge of the constructs that make the world go round. Pursue what interests you and choose your specialisation from 11 diverse areas of study. This degree empowers you to design and determine your own future. Explore the exciting complexities of the social world in which we exist.

What you will study
Specialise in one of the following majors:

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

Career opportunities/outcomes
Our graduates enjoy great job prospects with 86% finding work upon completion of their studies. 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

You can also choose directed courses from a broad range of areas including community development, environmental justice, international health, Aboriginal studies, disaster risk reduction and more.

Master of Social Change and Development

CRICOS code 086342T
Duration 4 yrs FT
Locations Newcastle – Callaghan

Indicative annual fee 2022 A$3,815
2023 A$3,852
IELTS IELTS overall minimum - 6.5
IELTS IELTS Section minimum - 6.0
Intake SL, S2

Practical experience Mandatory placement to undertake final projects.

Course overview
Develop an in-depth understanding of social change in the rapidly changing global environment, and graduate ready to make an impact 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 eighth in Australia for research.

What you will study
You will learn the basics of development and social change, including recognising the implications of global changes on local communities. You will also learn about a range of appropriate research methods and how to apply these methods in a range of community settings. Complement your coursework with a small research project on a topic of interest to you. You can also choose directed courses from a broad range of areas including community development, environmental justice, international health, Aboriginal studies, disaster risk reduction and more.

Career opportunities/outcomes
The Master of Social Change and Development will enable you to take on high-level roles within funded development projects, and organisations and government departments. Graduate ready to work anywhere and choose from your nationally and internationally recognised degree. Some typical careers include:

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

Professional Recognition
The Master of Social Change and Development is a professional program accredited by the National Accreditation Authority for Translators and Interpreters (NAATI).

Career opportunities/outcomes
When you study translation studies at the University of Newcastle, your flexible skillset and specialist language expertise will widen your employment prospects. Below are some typical fields available to our graduates:

- Business and economics
- Commercial industries
- Education and academy
- Government
- Health and medicine
- International relations
- Language translation
- Law and policy development
- Media and journalism
- Science and technology
- Tourism

You can also choose directed courses from a broad range of areas including community development, environmental justice, international health, Aboriginal studies, disaster risk reduction and more.

What you will study
The Bachelor of Social Work (Honours) at the University of Newcastle is an experience-based learning degree. This degree integrates theory and evidence-based social work values and skills for practice. You will undertake a program that includes a comprehensive, workshop-based teaching, small group and hands-on, active learning degree. This degree integrates theory and evidence with social work values and skills. University of Newcastle is an experience-based learning degree. This degree integrates theory and evidence-based social work values and skills for practice. You will undertake a program that includes a comprehensive, workshop-based teaching, small group and hands-on, active learning degree. This degree integrates theory and evidence with social work values and skills. You will learn how to work with individuals, families, groups, organisations and communities. There is a strong demand for qualified social workers in an ever-expanding number of fields and job opportunities are broad and rewarding. Social work fosters a strong commitment to human rights and social justice, enabling graduates to encourage social change, tackle structural disadvantage, and create opportunities for others to achieve their goals.

Career opportunities/outcomes
With graduates of this degree enjoying high employment outcomes, you will be prepared for high-level roles within funded development projects, aid organisations and government departments. Graduate ready to work anywhere and choose from your nationally and internationally recognised degree. Some typical careers include:

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

Professional Recognition
The Master of Social Change and Development is a professional program accredited by the National Accreditation Authority for Translators and Interpreters (NAATI).

Career opportunities/outcomes
When you study translation studies at the University of Newcastle, your flexible skillset and specialist language expertise will widen your employment prospects. Below are some typical fields available to our graduates:

- Business and economics
- Commercial industries
- Education and academy
- Government
- Health and medicine
- International relations
- Language translation
- Law and policy development
- Media and journalism
- Science and technology
- Tourism

You can also choose directed courses from a broad range of areas including community development, environmental justice, international health, Aboriginal studies, disaster risk reduction and more.

What you will study
You will learn the basics of development and social change, including recognising the implications of global changes on local communities. You will also learn about a range of appropriate research methods and how to apply these methods in a range of community settings. Complement your coursework with a small research project on a topic of interest to you. You can also choose directed courses from a broad range of areas including community development, environmental justice, international health, Aboriginal studies, disaster risk reduction and more.

Career opportunities/outcomes
The Master of Social Change and Development will enable you to take on high-level roles within funded development projects, and organisations and government departments. Graduate ready to work anywhere and choose from your nationally and internationally recognised degree. Some typical careers include:

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

Professional Recognition
The Master of Social Change and Development is a professional program accredited by the National Accreditation Authority for Translators and Interpreters (NAATI).

Career opportunities/outcomes
When you study translation studies at the University of Newcastle, your flexible skillset and specialist language expertise will widen your employment prospects. Below are some typical fields available to our graduates:

- Business and economics
- Commercial industries
- Education and academy
- Government
- Health and medicine
- International relations
- Language translation
- Law and policy development
- Media and journalism
- Science and technology
- Tourism

You can also choose directed courses from a broad range of areas including community development, environmental justice, international health, Aboriginal studies, disaster risk reduction and more.
Business and Management

Become a global leader in business or develop strategic problem-solving skills that can be applied in a variety of roles. You might take a vision and turn it into a successful business, use your dynamic understanding of the world’s fiscal systems to improve the economic landscape or help streamline business practices around the world. Our degrees are industry-engaged and include opportunities for practical experience – preparing you for a successful career in business, finance, human resources, marketing, or management.

Top 200 in the world – Business Administration

Our Business School holds AACSB Accreditation, earned by fewer than five per cent of the world’s business programs.

Top 175 in the world – Business and Economics

Course overview
The Bachelor of Business is dynamic, flexible and industry-engaged and is the key to limitless opportunities across Australia and the world. You might work as a marketing manager – researching products and audiences for a global consumer goods company, revel in your passion for tourism and event management, or turn your great idea into a company and watch it grow. Our degree gives you a firm understanding of the Australian and global business environments and our international outlook immerses you in contemporary business practice, providing new global experiences.

What you will study
Choose to major in one or two of the following areas:

- Entrepreneurship and Innovation
- Human Resource Management
- International Business
- Leadership and Management
- Marketing
- Politics and International Relations
- Tourism and Event 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 fewer than five per cent of the world’s business programs.

Career opportunities/outcomes
Our graduates go on to have exciting stimulating 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
- Human Resources Officer
- International Affairs Officer
- Marketing Coordinator
- Product and Brand Manager
- Tourism and Events Agent

Bachelor of Business

CRICOS code 00115A
Duration 3 yrs FT
Locations Newcastle – City, Central Coast, Singapore
Indicative annual fee 2022 A$16,425
2023 A$17,211
IELTS IELTS overall minimum - 6.0 IELTS section minimum - 6.0
Intake SL, S2
Practical experience Workplace experience – 100 hours placement.

What you will study
You will apply statistical and machine learning-based predictive models in analytics to various business contexts and learn how to effectively develop data skills for revealing evidence-based business insights and communicate business data through various visualisation approaches to stakeholders.

Core areas of focus include:

- Collecting and managing business data
- Effectively communicating using visualisation of business data
- Forming inferences and predictions from business data
- Making optimal and robust decisions from business data

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

Career opportunities/outcomes
Business analytics has emerged in recent years as a powerful and useful capability for organisations in competitive markets.

- Business analyst
- Marketing specialist
- Financial analyst
- Business data engineers
- Big data specialist
- Data analyst
- Information security analyst
- Market research analyst

Bachelor of Business Analytics

CRICOS code 11264J
Duration 3 yrs FT
Locations Newcastle – City
Indicative annual fee 2022 A$12,105
2023 A$12,816
IELTS IELTS overall minimum - 6.0 IELTS section minimum - 6.0
Intake SL, S2
Practical experience Workplace experience – 100 hours placement.

What you will study
You will learn business analytics in the context of strategy and decision-making for organisational success.

Core areas of focus include:

- Analyzing data and deriving insights for decision-making
- Applying data science approaches to stakeholders
- Developing data science skills for revealing evidence-based predictive models in analytics to various business contexts
- Effectively communicating using visualisation of business data

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

Career opportunities/outcomes
Business analytics practitioners need to be able to understand and communicate business data insights to various stakeholders and to lead data-driven decision-making processes.

- Business analysts
- Data scientists
- Data engineers
- Chief Information Officers
- Data analysts
- Data scientists
- Data engineers

Bachelor of Commerce

CRICOS code 00648D
Duration 3 yrs FT
Locations Newcastle – City, Central Coast, Singapore
Indicative annual fee 2022 A$11,105
2023 A$12,291
IELTS IELTS overall minimum - 6.0 IELTS section minimum - 6.0
Intake SL, S2
Practical experience Workplace experience – 100 hours placement.

What you will study
You may choose to study one or two majors from the following:

- Accounting
- Economics
- Finance

Professional recognition
Our Bachelor of Commerce (Accounting major) is designed to provide accreditation with the major professional bodies in accounting, including CPA Australia, CA Australia and New Zealand, Association of Chartered Certified Accountants (ACCA) and Association of International Accountants (IAA).

Career opportunities/outcomes
Our graduates enjoy great employment prospects with 90 per cent securing jobs upon completion of their degree. If you find working with numbers stimulating, you could have a lucrative career in a variety of roles, including:

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

Our Business School holds AACSB Accreditation, earned by fewer than five per cent of the world’s business programs.

See the website for more information about this degree.
Bachelor of Innovation and Entrepreneurship Combined

Course overview
The Bachelor of Innovation and Entrepreneurship Combined provides you with the skills to take an entrepreneurial idea from concept to new venture. At the same time, this degree equips you to manage the complexities of driving innovation within existing organisations. This degree is designed for ideal innovators who can think globally, and design and execute a refined strategy.

What you will study
You will gain a flexible skill set to select an area of study suited to your interests and combine it with teaching and mentoring in entrepreneurship. The combination of innovation and entrepreneurship will create an innovative mindset.

Professional recognition
In combination with either the Bachelor of Business or Bachelor of Commerce, this degree is accredited through the Association to Advance Collegiate Schools of Business (AACSB), earning you the opportunity to study directly and to be involved in the development of the business curriculum. It is also an accredited degree through the Australian Quality Framework.

Career opportunities/outcomes
Innovation and entrepreneurship are at the forefront of economic growth both domestically and internationally. Graduates with entrepreneurial thinking and the ability to devise innovative solutions to common problems are increasingly sought after.

Some typical positions include:
- Account Manager
- Business Development Officer
- Account Manager
- Startup Founder

Master of Applied Finance

Course overview
Our Master of Applied Finance (MAF) equips graduates with the high level skills and competencies to succeed in senior management roles. It focuses on developing comprehensive understanding and skills in business management, decision making, marketing, organisational behaviour, accounting, strategic management and international business.

What you will study
By undertaking our MAF program you have the opportunity to specialise in one of the following areas:
- Applied Finance
- Health Services Management
- Human Resource Management
- International Business
- Marketing

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), earning you the opportunity to study directly and to be involved in the development of the business curriculum. It is also an accredited degree through the Australian Quality Framework.

Career opportunities/outcomes
Our graduates range from company executives to entrepreneurs and public sector leaders. The range of opportunities are limitless and can include:
- Account Executive
- Brand Portfolio Manager
- Business Consultant
- Business Development Manager
- Entrepreneur
- Financial Advisor
- Human Resources Manager
- Human Capital Manager
- Marketing Manager
- Operations Manager

What you will study
You will develop a deep 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 identify, plan, and execute a proposal and to manipulate, analyse and interpret data. Enhance your Bachelor of Applied Finance and learn how to effectively communicate information and insights extracted from data. You will also learn how to conduct business across countries, cultures and contexts supported on data-driven decision-making strategies. You will build important business networks while you connect with your peers.

Some typical positions include:
- Financial Advisor
- Business Development Manager
- Account Manager
- Startup Founder

Master of Business Administration (Global)

Course overview
Our Master of Business Administration (MBA) equips graduates with the high level skills and competencies to succeed in senior management roles. It focuses on developing comprehensive understanding and skills in business management, decision making, marketing, organisational behaviour, accounting, strategic management and international business.

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 identify, plan, and execute a proposal and to manipulate, analyse and interpret data. Enhance your Bachelor of Applied Finance and learn how to effectively communicate information and insights extracted from data. You will also learn how to conduct business across countries, cultures and contexts supported on data-driven decision-making strategies. You will build important business networks while you connect with your peers.

Some typical positions include:
- Financial Advisor
- Business Development Manager
- Account Manager
- Startup Founder

Master of Business Administration (Global)/Master of Science (Data Analytics)

What you will study
You will develop a deep 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 identify, plan, and execute a proposal and to manipulate, analyse and interpret data. Enhance your Bachelor of Applied Finance and learn how to effectively communicate information and insights extracted from data. You will also learn how to conduct business across countries, cultures and contexts supported on data-driven decision-making strategies. You will build important business networks while you connect with your peers.

Some typical positions include:
- Financial Advisor
- Business Development Manager
- Account Manager
- Startup Founder

Master of Health Economics, Management and Policy

What you will study
This degree is formed from two masters degrees in two years with intensive, practical education to prepare you for a career in a high growth industry. It 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 deep 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 identify, plan, and execute a proposal and to manipulate, analyse and interpret data. Enhance your Bachelor of Applied Finance and learn how to effectively communicate information and insights extracted from data. You will also learn how to conduct business across countries, cultures and contexts supported on data-driven decision-making strategies. You will build important business networks while you connect with your peers.

Some typical positions include:
- Financial Advisor
- Business Development Manager
- Account Manager
- Startup Founder

### Bachelor of Innovation and Entrepreneurship Combined

**CRICOS code**
- See page 9b

**Duration**
- 4 yrs FT / 5 yrs PT

**Locations**
- Newcastle – Callaghan
- Newcastle – City

**Indicative annual fee**
- 2022 AS$5,525
- 2023 AS$6,115

**IELTS**
- Various per combined degree*

**Intake**
- S1, S2

### Master of Applied Finance

**CRICOS code**
- 03227n

**Duration**
- 1.5 yrs FT

**Locations**
- Newcastle – City

**Indicative annual fee**
- 2021 AS$4,024
- 2022 AS$4,169

**IELTS**
- IELTS overall minimum - 5.5
- IELTS section minimum - 6.0

**Intake**
- T1, T2, T3

### Master of Business Administration

**CRICOS code**
- 062356

**Duration**
- 2 yrs FT

**Locations**
- Newcastle – City

**Indicative annual fee**
- 2022 AS$5,965
- 2023 AS$5,965

**IELTS**
- IELTS overall minimum - 5.5
- IELTS section minimum - 6.0

**Intake**
- T1, T2, T3

### Master of Business Administration (Global)

**CRICOS code**
- 030196

**Duration**
- 2 yrs FT

**Locations**
- Newcastle – City

**Indicative annual fee**
- 2022 AS$5,125
- 2023 AS$5,005

**IELTS**
- Various per combined degree*

**Intake**
- T1, T2, T3

### Master of Health Economics, Management and Policy

**CRICOS code**
- 032410

**Duration**
- 1.5 yrs FT

**Locations**
- Newcastle – City

**Indicative annual fee**
- 2021 AS$7,005
- 2022 AS$6,805

**IELTS**
- Various per combined degree*

**Intake**
- T1, T2, T3

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* Indicative annual fee will increase in second and third year as you commence your Diploma of Legal Practice alongside your Arts, Science or Bachelor program.

* Program commences in T2 2022; it will be available in T1 2022 and T3 2023.

* For a list of degrees, combined degree options and programs offering and on campus see pages 52-58.
What you will study

The Master of Business, Management and Policy (Global) provides a broad overview of business and management skills and knowledge, essential for a variety of careers.

- Complex problem-solving within the health sector.
- Cross-cultural management.
- Data analytics.
- Health economics, management and policy.
- Stakeholder communication and decision making in the healthcare sector.
- Health economics, management and policy.
- Negotiation and conflict resolution.
- Organisational behaviour and design.
- Global business management.
- Foundations of business analysis.
- Global business management.
- Globalisation and international business strategy.
- Organisational behaviour and design.
- Global marketing.
- Marketing communications.
- Professional recognition.

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

Career opportunities/outcomes

Our graduates find employment in a variety of roles, including:
- Association Advisor
- Business Consultant
- Business Development Manager
- Entrepreneur
- Financial Advisor
- Industry Specialist Manager
- Management Analyst/Consultant
- Marketing Manager
- Operations Manager
- Policy Analyst

What you will study

You will have the opportunity to complete courses in:
- Accounting and financial management
- Cross-cultural management
- Entrepreneurship and innovation
- Foundations of business analysis.

Course overview

As business becomes increasingly global, organisations are looking for people with an international perspective to their qualifications. This program provides graduates with a deep understanding of global business environments and the skills necessary to succeed in an international setting.

Professional recognition

The Master of Human Resource Management is accredited by the Australian Human Resource Institute.

Career opportunities/outcomes

Our graduates find employment in a variety of roles, including:
- Human Resource Advisor
- Human Resource Manager
- Employment Relations Manager
- Industrial Relations Manager
- Business Development Manager
- Business Consultant
- Financial Manager
- Forensic Accountant
- Financial Advisor
- Chief Financial Officer
- Financial Officer

School of Business (AACSB), earned by fewer than five per cent of the world’s business programs.

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Communication and Creative Industries

Pursuing a career in communication and creative industries is a chance to bring your ideas to life. You can tailor your degree to focus on an area you are passionate about such as digital content creation, animation, music, art, design, media, filmmaking, journalism, public relations and so much more. Collaborate with industry partners on real-life projects, from the production of music videos to art installations, and contribute to the new-generational thinking that will help define the 21st century.

Communication and Creative Industries

Bachelor of Communication

CRICOS code: 00024M
Duration: 3 yrs FT
Locations: Newcastle – City, Singapore
Indicative annual fee: 2022 AUD6,045, 2023 AUD6,947
IELTS: IELTS overall minimum - 6.5, IELTS section minimum - 6.0
Intake: SL1, SL2 – Newcastle City, T2 and T3 – Singapore
Practical experience: Opportunities available

Course overview
When you study a Bachelor of Communication, you will develop cutting-edge skills needed to produce groundbreaking, thought-provoking and engaging work in diverse media industries. With a range of course options, you will learn to push your individual creative boundaries while embracing the changing nature of today’s complex communication landscape. Choose your major or areas of study and develop work-ready skills – from critical thinking and writing, to creating and producing content for television, film, documentaries, radio, print, gaming and digital media.

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: Media Arts Production, News Media, Public Relations. Additional major options are available to study alongside your core major. Choose from Animation and Interaction, Creative Arts or Graphic Design and Illustration.

Career opportunities/outcomes
Our graduates enjoy great employment prospects with 85% securing jobs upon completion of their degree. 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
- Feature Writer
- Festival/Events Coordinator
- Film and Documentary Maker
- Film/Television Production Assistant
- Games Designer
- News and Specialist Reporters
- Radio Producer
- Scriptwriter

Cutting-edge facilities
Students enjoy access to industry-standard equipment and state-of-the-art training spaces.

Graduate Outcomes Survey 2019.

See the website for more information about this degree.

Top 5
in Australia for student support for undergraduate Creative Arts students

90.7% of undergraduate Communications graduates found employment within four months

Bachelor of Music and Performing Arts

CRICOS code: 106895K
Duration: 3 yrs FT
Locations: Newcastle – City
Indicative annual fee: 2022 AUD6,705, 2023 AUD7,691
IELTS: IELTS overall minimum - 6.0, IELTS section minimum - 6.0
Intake: SL1, SL2
Practical experience: Opportunities available

Course overview
A career in music and performing arts offers an exciting future within the rapidly evolving creative arts industries. Enhance your skills, discover new opportunities, and fast track your creative career through practical and creative learning. At the University of Newcastle, you will learn from leading industry specialists and practitioners to develop your professional skills and networks as you transition into your career.

What you will study
Your studies in our Music and Performing Arts degree will enable you to successfully navigate and build your career in the music and the performing arts industry. With flexible study options, you can tailor your degree by selecting one or two majors in Performance, Songwriting and Production, or the Performing Arts. The degree offers a wide range of courses in areas suited to your own interests. Depending on your chosen major/s, examples of what you will study include:
- Creative and Performing Arts
- Directing
- Music Performance
- Music Sound and Visual Media
- Music Teaching and Pedagogy

Students have the option of completing a single or a double major in this program. Students completing a double major can choose either a double major from the Music and Performing Arts major options (Double Major Pathway B); or one of the Music and Performing Arts major and one School of Creative Industries Major (Double Major Pathway C) from the options listed in the handbook.

Career opportunities/outcomes
The following list provides some examples of positions available to graduates of a Bachelor of Music and Performing Arts. Some of these jobs will depend on the amount and level of study undertaken, level of experience, the combination of other majors and electives studied, while some may require further study.
- Drama Teacher
- Film Music Composer
- Music Journalist
- Music Teacher
- Musical Theatre Artist
- Performing Artist
- Scenographer
- Songwriter
- Technical Designer
- Theatre Artist
- Voice or Vocal Coach

See the website for more information about this degree.

See the website for more information about this degree.

For a full list of degrees, combined degree options and programs offering end on honours see pages 92-98.

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For a full list of degrees, combined degree options and programs offering end on honours see pages 92-98.
Course overview
Study a Bachelor of Visual Communication Design at the University of Newcastle to sharpen your skill set and work with experts on real-world creative tasks while gaining vital industry experience. You will graduate ready to solve problems by tapping into dynamic visual digital media training and grow a design smart practice over a range of contemporary design areas. You will be empowered to build a business of your own or establish a creative career in diverse and exciting industries. Focus your study around interactive media and animation, graphic design and illustration or the creative arts and learn about creative career opportunities in games, web, film and television, branding and marketing, art and technology.

Indicative annual fee
2022 A$36,770
2023 A$37,690

IELTS
IELTS overall minimum - 6.0
IELTS section minimum - 6.0

Bachelor of Visual Communication Design

CRICOS code 000079A
Duration 3 yrs FT
Locations Newcastle - City

Practical experience
Work placements (WIL) projects available

What you will study
Our core courses give you a strong foundation in the fundamentals of visual communication design, while the majors enable you to focus on more specialised areas that inspire you.
You will have the option to major in one or two of the following areas:
• Animation and Interaction
• Creative Arts
• Graphic Design and Illustration

Other major options are available alongside your Visual Communication Design major, such as Media Arts Production, Songwriting and Production and Public Relations.

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 opportunities/outcomes
Throughout your studies you will have the chance to build industry connections which will help with securing a job after graduation in roles such as:
• Animator
• Artist
• Creative Director
• Graphic Designer
• Illustrator
• Interactive Media Designer/Developer
• Motion Graphic Designer
• User Experience Designer
• Web Designer

For a full list of degrees, combined degree options and programs offering end on honours see pages 92-98.
### Bachelor of Computer Science

**CRICOS code**: 00656G

**Duration**: 3 yrs FT

**Locations**
- Newcastle – Callaghan

**Indicative annual fee**
- 2022: A$53,070
- 2023: A$55,336

**IELTS**
- Overall minimum: 6.0
- Reading: 6.0
- Writing: 6.0
- Listening: 6.0
- Speaking: 5.5

**Intake**: S1, S2

**Practical experience**: 200 hours of mandatory work integrated learning

#### Course overview

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. The Bachelor of Computer Science produces innovative and resourceful computer scientists who are experts at complex problem solving. They work across fields such as artificial intelligence, robotics, computer graphics, digital forensics, health informatics, web development, cryptography and data security.

#### What you will study

Choose from one of the following majors, designed to meet the industry's evolving IT needs:
- **Business Technology**
- **Systems Development**
- **Programs and Software Development**
- **Distributed and Internet Computing**
- **Data Security**
- **Software Architecture**
- **Networks and Security Management**
- **Database Management and Information System Management**
- **Web Technologies**

#### Professional recognition

Accredited by the Australian Computer Society.

#### Career opportunities/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**
- **Database Administrator**

Combine this degree with:
- Bachelor of Computer Systems Engineering (Honours)
- Bachelor of Data Science

<table>
<thead>
<tr>
<th>What you will study</th>
<th>Develop skills in</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Business analysis</td>
</tr>
<tr>
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<tr>
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<td>Foundations of Information Systems</td>
</tr>
<tr>
<td>Data Security</td>
<td>Human computer interaction</td>
</tr>
</tbody>
</table>

#### Master of Cyber Security

**CRICOS code**: 02120S

**Duration**: 2 yrs FT

**Locations**
- Newcastle – Callaghan

**Indicative annual fee**
- 2022: A$54,125
- 2023: A$56,236

**IELTS**
- Overall minimum: 6.5
- Reading: 6.0
- Writing: 6.0
- Listening: 6.0
- Speaking: 5.5

**Intake**: S1, S2

**Practical experience**: Opportunities available

#### Course overview

Develop the in-demand skills needed to protect and defend organisational information systems and technologies. You will go on to work for organisations like Google, Amazon, Facebook or Apple. This degree is accredited by the Australian Computer Society.

#### 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 techniques
- Internet Law
- Managing complex systems
- Security attacks – analysis and mitigation strategies
- Security standards and best practices in industry
- System and network security

#### Professional recognition

Accredited by the Australian Computer Society.

#### Career opportunities/outcomes

There is currently a major shortage of cyber security workers, with leading independent and not-for-profit organisation, AusCyber, estimating that Australia could need almost 18,000 additional cyber security workers by 2026 (Australian Cyber Security Growth Network’s Sector Competitiveness Plan 2024).

Career examples include:
- Cybersecurity Analyst
- Cybersecurity Architect
- Cybersecurity Consultant
- IT Security Engineer
- IT Security Manager
- Security Software Developer
- Security System Administrator

### Bachelor of Information Technology

**CRICOS code**: 04449E

**Duration**: 3 yrs FT

**Locations**
- Newcastle – Callaghan

**Indicative annual fee**
- 2022: A$53,170
- 2023: A$55,432

**IELTS**
- Overall minimum: 6.0
- Reading: 6.0
- Writing: 6.0
- Listening: 6.0
- Speaking: 5.5

**Intake**: S1, S2 – Callaghan

#### Course overview

Information technology (IT) involves developing, building and maintaining software technologies in 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 technology and manage complex systems critical for big corporations and government. Or you could develop cloud computing solutions, specialise in IT security or create new games, 3D animations, apps and programs for the manufacturing, healthcare, social enterprise, renewable energy or education industries.

#### What you will study

Choose from one of the following majors, designed to meet the industry's evolving IT needs:
- **Business Intelligence**
- **Artificial intelligence**
- **Cyber Security**
- **Computer Systems and Robotics**

#### Course overview

Develop critical thinking, problem solving. They work across fields such as artificial intelligence, robotics, computer graphics, digital forensics, health informatics, web development, cryptography and data security.

#### What you will study

Choose from one of the following majors, designed to meet the industry's evolving IT needs:
- **Business Intelligence**
- **Software Architect**
- **Security Architect**
- **Website creation**

Develop skills in:
- **Business analysis**
- **Computing fundamentals**
- **Databases and Information Management**
- **Foundations of Information Systems**
- **Human Computer Interaction**

#### Professional recognition

Accredited by the Australian Computer Society.

#### Career opportunities/outcomes

There is currently a major shortage of cyber security workers, with leading independent and not-for-profit organisation, AusCyber, estimating that Australia could need almost 18,000 additional cyber security workers by 2026 (Australian Cyber Security Growth Network’s Sector Competitiveness Plan 2024).

Career examples include:
- Cybersecurity Analyst
- Cybersecurity Architect
- Cybersecurity Consultant
- IT Security Engineer
- IT Security Manager
- Security Software Developer
- Security System Administrator

### Master of Information Technology (MIT)

**CRICOS code**: 083517F

**Duration**: 2 yrs FT

**Locations**
- Newcastle – Callaghan

**Indicative annual fee**
- 2023: A$42,256
- 2022: A$41,285

**IELTS**
- Overall minimum: 6.5
- Reading: 6.0
- Writing: 6.0
- Listening: 6.0
- Speaking: 5.5

**Intake**: T1

#### Course overview

Develop the critical knowledge and skills required to protect and defend organisational information systems and technologies. You will go on to work for organisations like Google, Amazon, Facebook or Apple. This degree is accredited by the Australian Computer Society.

#### 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 techniques
- Internet Law
- Managing complex systems
- Security attacks – analysis and mitigation strategies
- Security standards and best practices in industry
- System and network security

#### Professional recognition

Accredited by the Australian Computer Society.

#### Career opportunities/outcomes

There is currently a major shortage of cyber security workers, with leading independent and not-for-profit organisation, AusCyber, estimating that Australia could need almost 18,000 additional cyber security workers by 2026 (Australian Cyber Security Growth Network’s Sector Competitiveness Plan 2024).

Career examples include:
- Cybersecurity Analyst
- Cybersecurity Architect
- Cybersecurity Consultant
- IT Security Engineer
- IT Security Manager
- Security Software Developer
- Security System Administrator

### Computing, Maths and Technology

For a full list of degrees, combined degree options and programs offering end on honours see pages 52-58.
Eduation

Teachers can change lives and truly impact the communities in which they live. Through our education degrees, you will learn more than just how to teach – you will gain the skills needed to empower future generations and inspire young minds. A career in education is rewarding and diverse. With access to the latest technologies including iTeach simulated classrooms, iCave immersive spaces, and practical experience, you will graduate with globally-transferable skills and qualifications.

Top 150
in the world for Education

96.2%
of undergraduate
Education graduates
found employment
within four months

A$89,000
median starting salary for postgraduate Education graduates – above the national average

Education

Bachelor of Education
(An Early Childhood and Primary)

CRICOS code
09515K
Duration
4 yrs FT
Locations
Newcastle – Callaghan, Central Coast
Indicative annual fee
2022 ASS$3810
2023 ASS$3783
IELTS
IELTS overall minimum - 7.5
IELTS section minimum - 7.0 (R, W, L, S)
Intake
51
Practical experience
Students must meet all Placement Requirements
Course overview
Teachers and education professionals have the power to influence lives and shape young minds. The Bachelor of Education (Early Childhood and Primary) leads to a rewarding career that allows you to work across two different settings:
• Preschool and early childhood (birth – five years)
• Primary School (Kindergarten – Year 6)
You will be prepared to work with diverse families and children in childcare centres, preschools, and primary school classrooms.

What you will study
You will study courses which develop core knowledge of the foundations of child development, schooling, teaching and specialist subjects and key learning areas. Key areas of study include:
• Aboriginal education, policies and issues
• Behaviour management
• Children’s learning and growth across the span of birth to 12 years
• Early childhood special education
• Ethics and professional codes of conduct
• Families and society
• Foundation of primary education curriculum and pedagogy in K-6
• Language and mathematical learning practical experience
• Programming and planning for children aged 0-5 years
• Psychology of learning and teaching

Professional recognition
Accredited by the NSW Education Standards Authority (NESA) and by the Australian Children’s Education and Care Quality Authority (ACECQA).

Career opportunities/outcomes
Our graduates enjoy great employment prospects with 97% securing jobs upon completion of their degree.
Careers may include:
• Community Educator
• Curriculum Developer
• Early Childhood Centre Director
• Early Childhood Teacher
• Educational Researcher
• Primary School Teacher

IELTS overall minimum - 7.5
IELTS section minimum - 7.0 (R, W, L, S)

Bachelor of Education
(Second and Primary Studies)

CRICOS code
09515G
Duration
4 yrs FT
Locations
Newcastle – Callaghan
Indicative annual fee
2022 ASS$3910
2023 ASS$3873
IELTS
IELTS overall minimum - 7.5
IELTS section minimum - 7.0 (R, W, L, S)
Intake
51
Practical experience
Students must meet all Placement Requirements
Course overview
This program aims to develop the knowledge, skills and dispositions necessary for a highly successful career in teaching. Graduates of this program will be able to seek employment as Early Childhood Educators or Primary/Elementary school teachers, in their home countries (applicants should check their local accreditation requirements to determine the suitability of this program).

What you will study
Through both theoretical and experience-based learning you will study courses to build your foundations of child development, schooling, identity and society and key learning areas.
Key areas of study include:
• Behaviour management
• Children’s learning and growth across the span of birth to 12 years
• Ethics and professional codes of conduct
• Families and society
• Foundation of primary education curriculum and pedagogy in K-6
• Language and mathematical learning
• Programming and planning for children aged 0-5 years
• Psychology of learning and teaching

Professional recognition
Accredited by the NSW Education Standards Authority (NESA) and by the Australian Children’s Education and Care Quality Authority (ACECQA).

Career opportunities/outcomes
Our graduates enjoy great employment prospects with 97% securing jobs upon completion of their degree. Our graduates are qualified specialists who work in classrooms and various education settings. They are also industry leaders, researchers and professionals in a range of related industries in Australia and around the world.
Careers may include:
• Community Educator
• Curriculum Developer
• Education Policy Analyst
• Educational Materials Developer
• Primary School Teacher
• Special Education Teacher

To see the website for more information about this degree.

For a full list of degrees, combined degree options and programs offering and honours see pages 62-68.
Bachelor of Education (Primary Studies)

CRICOS code: 102617D
Duration: 4 yrs F/T
Locations: Newcastle – Callaghan
Indicative annual fee: 2022 A$35,460
2023 A$36,455
IELTS: Overall minimum - 6.5; Section minimum - 6.0
Intake: 51
Practical experience: Students must meet all requirements

Course overview
The Bachelor of Education (Primary Studies) program at the University of Newcastle aims to develop the knowledge, skills and dispositions necessary for a highly successful career in teaching. Graduates of this program will be able to secure employment as Primary school teachers in their home countries (applicants should check their local accreditation requirements to determine the suitability of this program).

What you will study
The Bachelor of Education (Primary Studies) is flexible and offers a number of pathways to specialise in more than one field of study. Areas of study include:

- Creative arts
- Humanities
- Mathematics
- Science
- Special education

Professional recognition
Accredited by the NSW Education Standards Authority (NESA).

Career opportunities/outcomes
Our graduates enjoy great employment prospects. Careers may include:

- Primary or Elementary teachers
- Special Education Teacher
- Therapeutic support staff

Other diverse work opportunities exist in specialist education, English as a second language teacher, community education, educational research, education publication writing or editing, educational policy, consultation and administration, curriculum development and evaluation or educational materials development.

Bachelor of Education (Secondary Studies)

CRICOS code: 102984H
Duration: 4 yrs F/T
Locations: Newcastle – Callaghan
Indicative annual fee: 2022 A$35,460
2023 A$36,455
IELTS: Overall minimum - 6.5; Section minimum - 6.0
Intake: 51
Practical experience: Students must meet all requirements

Course overview
The Bachelor of Education (Secondary Studies) is flexible and offers a number of pathways to specialise in more than one field of study. Areas of study include:

- Creative arts
- Humanities
- Mathematics
- Science
- Special education

Professional recognition
Accredited by the NSW Education Standards Authority (NESA).

Career opportunities/outcomes
Our graduates enjoy great employment prospects. Careers may include:

- Specialist teacher in secondary maths
- Specialist teacher in secondary English
- Therapeutic support staff

Other diverse work opportunities exist in specialist education, English as a second language teacher, community education, educational research, education publication writing or editing, educational policy, consultancy and administration, curriculum development and evaluation or educational materials development.

Master of Education

CRICOS code: 01674F
Duration: 1 yr F/T
Locations: Newcastle – Callaghan
Indicative annual fee: 2022 A$34,625
2023 A$35,535
IELTS: Overall minimum - 6.5; Section minimum - 6.0
Intake: 51
Practical experience: Opportunities available

Course overview
This program is a powerful and applicable education 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 150 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.

What you will study
You will complete core courses to provide you with a strong foundation in strategic leadership and transformation, with the freedom to tailor your study to suit your needs. With a minor research project, or develop skills in change management, monitoring, information and communications technology (ICT) and other areas. You could even complement your studies with an internship project.

Career opportunities/outcomes
The Master of Leadership and Management in Education prepares graduates for roles such as:

- Deputy or Assistant Principal
- Head Teacher
- School Principal

Other diverse work opportunities exist in organisational leadership, educational administration, curriculum development and evaluation or educational materials development.

Master of Special and Inclusive Education

CRICOS code: 01667E
Duration: 2 yrs F/T
Locations: Newcastle – Callaghan
Indicative annual fee: 2022 A$34,870
2023 A$35,880
IELTS: Overall minimum - 6.5; Section minimum - 6.0
Intake: 51
Practical experience: Opportunities available

Course overview
This Master of Special and Inclusive Education is a coursework program which will provide you with the specialist knowledge and skills to help students with additional needs. You will be placed in school settings or early childhood education settings or early childhood education settings or early childhood education settings or early childhood education settings to step into new leadership challenges and improve the lives and learning of all students in your school community.

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

- Deaf studies and Deaf Education
- Early Childhood
- Emotional Disturbance/Behaviour Problems
- General Special Education
- Students with a visual impairment

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

Career opportunities/outcomes
Upon completion of the program, qualified teachers have the opportunity to enhance their employment skills in special or inclusive education, in teaching, educational administration, and other areas.

Career pathways for those with an allied health degree include:

- Community/disability support worker
- Developmental support worker
- Therapeutic support staff

Please note the program does not provide a pre-service teaching qualification.
What you will study
Each trimester, students complete coursework designed to support their preparation for classroom teaching. These courses include dedicated curriculum and pedagogy studies in the six key learning areas of Mathematics, English, Science and Technology, Personal Development Health and Physical Education (PDHPE), Creative Arts, and Human Society and its Environment (HSIE). In addition, students complete courses covering educational philosophy, education psychology, Aboriginal education, education for students with diverse needs, as well as advanced literacy and numeracy studies.

Career opportunities/outcomes
Graduates of this program will be eligible to seek employment as Primary or Elementary teachers in a wide range of international contexts. (Applicants should check on local accreditation/registration requirements to determine the suitability of this program).

Master of Teaching (Primary Studies)

- CRICOS code: 102959G
- Duration: 2 yrs FT
- Locations: Newcastle – Callaghan

Indicative annual fee
2022: $34,870
2023: $35,742

IELTS
IELTS overall minimum: 6.5
IELTS section minimum: 6.5

Intake
T1, T2

Practical experience
Opportunities available

Course overview
The Master of Teaching (Primary Studies) program provides a postgraduate pathway into a successful and rewarding career in teaching. This innovative program enables our graduates to enter the workforce rapidly and well prepared. Develop the knowledge, skills, and dispositions necessary to act professionally, knowledgeably, and effectively in a primary school destination.

Learn to play a constructive leadership role in public discourse on, and beyond education. (Applicants should check on local accreditation/registration requirements to determine the suitability of this program).

What you will study
Each trimester, students complete coursework designed to prepare them for classroom teaching. These courses include dedicated curriculum and pedagogy studies in the six key teaching areas (major), and additional teaching area (minor) for those choosing to pursue multiple teaching specialisations. In addition, students will complete two professional experience placements (the first which orients them to primary/elementary teaching, and the second as an in-country internship).

Career opportunities/outcomes
Graduates of this program will be eligible to seek employment as primary or elementary teachers in a wide range of international contexts. (Applicants should check on local accreditation/registration requirements to determine the suitability of this program).

Master of Teaching (Secondary Studies)

- CRICOS code: 102960C
- Duration: 2 yrs FT
- Locations: Newcastle – Callaghan

Indicative annual fee
2022: $34,870
2023: $35,742

IELTS
IELTS overall minimum: 6.5
IELTS section minimum: 6.5

Intake
T1, T2

Practical experience
Opportunities available

Course overview
This innovative program provides a postgraduate pathway into a successful and rewarding career in teaching and enables our graduates to enter the workforce rapidly and well prepared. The program aims to develop graduates who are outstanding teachers that act professionally, ethically, and effectively in their professional contexts, who engage in critical inquiry in their practice and the contexts of their practice, and who play a constructive leadership role in public discourse on and beyond education. (Applicants should check on local accreditation/registration requirements to determine the suitability of this program).

What you will study
Each trimester, students complete coursework designed to prepare them for classroom teaching. These courses include dedicated curriculum and pedagogy studies in the students’ first teaching area (major), and additional teaching area (minor) for those choosing to pursue multiple teaching specialisations. In addition, students will complete two professional experience placements (the first which orients them to secondary teaching, and the second as an in-country internship).

Career opportunities/outcomes
Graduates of this program will be eligible to seek employment as secondary teachers in a wide range of international contexts. (Applicants should check on local accreditation/registration requirements to determine the suitability of this program).

For a full list of degrees, combined degree options and programs offering end on honours see pages 92-98.
Bachelor of Chemical Engineering (Honours)

CRICOS code 01878M
Duration 4 yrs FT
Locations Newcastle – Callaghan

Indicative annual fee
2022 AS$11,300
2023 AS$11,400

IELTS overall minimum - 6.0
IELTS section minimum - 6.0

Intake S1, S2

Practical experience 12-week mandatory professional placement

Course overview
Chemical Engineering is about designing efficient processes to produce, utilise, transport and transform materials and energy. Chemical engineers work in a vast range of industries, including both large scale industries such as mineral processing and energy generation, down to the production of consumer products such as food and cosmetics. As a Chemical Engineer, you will apply the fundamental principles of physics and chemistry, and more specialist disciplines such as biomass technology, to analyse and design processes, plants and control systems for productivity, safety and sustainability. You could work as a Process Engineer, efficiently recovering iron ore from raw mine feed, on developing sustainable biofuel production for remote communities, or on removing heavy metals or other harmful substances from groundwater.

What you will study
Become job-ready through four professional practice courses and diversify your skills with an electative pathway. Build critical technical engineering skills in:
- Fluid mechanics
- Green engineering and sustainability processes
- Heat transfer and design of energy systems
- Thermodynamics

Diversify your skills and engineering degree with an elective pathway, a cluster of courses which can be used to:
- deepen your technical competence in your engineering field
- broaden your expertise in another area of engineering
- learn skills in areas outside engineering, such as business or maths

Professional recognition
Our degree is accredited through Engineers Australia and the Institution of Chemical Engineers (IChemE), recognizing graduates have greater opportunities for international mobility. Successful graduates are also eligible to apply for membership to the Institution of Chemical Engineers.

Career opportunities/outcomes
Chemical engineers are employed in a wide range of industries. They may be involved in creating products like plastics, fertilisers, consumables and pharmaceuticals. They might also work to develop fields such as environmental control, resource utilisation, minerals processing, renewable energy management and recycling. Typical positions include:
- Biotechnology Engineer
- Chemical Safety Manager
- Environmental Remediation Engineer

Remarkably, engineering is the most commonly held degree among the highest performing Fortune 500 CEOs – the CEOs of companies such as Google, Microsoft, Amazon and Tesla Motors are all engineers.

Bachelor of Civil Engineering (Honours)

CRICOS code 01878B
Duration 4 yrs FT
Locations Newcastle – Callaghan Singapore

Indicative annual fee
2022 AS$11,350
2023 AS$11,450

IELTS overall minimum - 6.0
IELTS section minimum - 6.0

Intake S1, S2

Practical experience 12-week mandatory professional placement

Course overview
Civil engineers are responsible for the physical infrastructure that enables modern societies to function. Buildings, highways and railways, tunnels, airports, water supply and drainage, power generation facilities and harbour facilities are all designed, built and managed by civil engineers. We educate our students 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 engineering students complete courses in the three core 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 an elective pathway. Build critical, technical engineering skills in:
- Civil engineering materials
- Engineering management
- Geomechanics
- Structural engineering

Diversify your skills and engineering degree with an elective pathway, a cluster of courses which can be used to:
- deepen your technical competence in your engineering field
- broaden your expertise in another area of engineering
- learn skills in areas outside engineering, such as business or maths

Professional recognition
Professional recognition through Engineers Australia and the Washington Accord qualifies you as a professional engineer.

Career opportunities/outcomes
Our graduates enjoy great employment prospects with 94.1% securing jobs within four months of completing their degree. 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

Students have the option for further study with a Master of Professional Engineering. Combine this degree with:
- Bachelor of Business
- Bachelor of Enviromental Engineering (Honours)
- Bachelor of Mathematics
- Bachelor of Surveying (Honours)

Bachelor of Computer Systems Engineering (Honours)

CRICOS code 00246A
Duration 4 yrs FT
Locations Newcastle – Callaghan

Indicative annual fee
2022 AS$11,350
2023 AS$11,500

IELTS overall minimum - 6.0
IELTS section minimum - 6.0

Intake S1, S2

Practical experience 12-week mandatory professional placement

Course overview
As a computer systems engineer, you will combine creativity and problem solving with your interest in computing and networks. Graduates have a unique skill set in hardware design, software design and network systems, and networks. These skills are essential in rapidly growing fields like the internet of things, automobiles, vehicles, and machine learning. With this degree, you might find yourself developing advanced computing hardware and software for diverse industrial sectors including intelligent transport, e-health, aviation, and civil infrastructure, which are the building blocks of modern society.

What you will study
Become job-ready through four professional practice courses and diversify your skills with an elective pathway. Build critical technical engineering skills in:
- Communication networks
- Computer and electrical engineering
- Computer security
- Electronics design

Diversify your skills and engineering degree with an elective pathway.

Professional recognition
Professional recognition through Engineers Australia and the Washington Accord qualifies you as a professional engineer.

Career opportunities/outcomes
Our graduates enjoy great employment prospects with 94.1% securing jobs within four months of completing their degree. Computer systems engineers work on both the hardware and software (the intelligence) behind the myriad of devices essential to address the needs of modern society. Students have the option for further study with a Master of Professional Engineering. Combine this degree with:
- Embedded systems
- Internet of things
- Programmable logic design
- Software engineering

Some typical positions include:
- Cloud Computing Engineer
- Computer Systems Analyst
- Computer Systems Engineer
- Computer Systems Specialist
- Cyber Security Engineer
- Electronics Engineer
- Embedded Systems Designer
- Information and Communications Technology Engineer
- Information Technology Manager
- Network Engineer
- Web Developer

Bachelor of Electrical and Electronic Engineering (Honours)

CRICOS code 00284M
Duration 4 yrs FT
Locations Newcastle – Callaghan Singapore

Indicative annual fee
2022 AS$11,580
2023 AS$11,600

IELTS overall minimum - 6.0
IELTS section minimum - 6.0

Intake S1, S2 – Callaghan

Practical experience 12-week mandatory professional placement

Course overview
Electrical and electronic engineers use mathematics, science and creativity for the advancement of humanity. Electrical and electronic technologies are at the heart of our world and our future, including things like alternative energy systems, high speed wireless data communications, medical transportation systems, micro and nanoelectronics, robotics and automation, and medical technologies. Electrical and electronic engineers work on both the hardware and software (the intelligence) behind the myriad of devices essential to address the needs of modern society.

What you will study
Build critical technical and engineering skills in:
- Electric machines and power systems
- Analog and digital communications
- Electrical engineering design
- Electronic energy technology
- Microcontroller programming
- Signal processing

Professional recognition
Professional recognition through Engineers Australia and the Washington Accord qualifies you as a professional engineer.

Career opportunities/outcomes
Some typical positions include:
- Automatic Systems Designer
- Biomedical Instrumentation Designer
- Electrical Design Engineer
- Embedded Systems Designer
- Renewable Energy Systems Engineer
- Robotics Engineer
- Telecommunications Equipment Designer

Some typical positions include:
- Cloud Computing Engineer
- Computer Systems Analyst
- Computer Systems Engineer
- Computer Systems Specialist
- Cyber Security Engineer
- Electronics Engineer
- Embedded Systems Designer
- Information and Communications Technology Engineer
- Information Technology Manager
- Network Engineer
- Web Developer
Bachelor of Environmental Engineering (Honours)

CRICOS code: 01012E
Duration: 4 yrs FT
Locations: Newcastle – Callaghan
Indicative annual fee: 2022 A$45,810, 2023 A$45,810
IELTS: IELTS overall minimum - 6.0, IELTS section minimum - 6.0
Practical experience: 12-week mandatory professional placement

What you will study
Environmental engineering is flexible and diverse. You may prefer hands-on fieldwork, design and development, or a leadership role in a wide range of industries. You will gain environmental engineering skills in:
- Environmental chemistry
- Environmental legislation and planning
- Fluid mechanics
- Hydraulic modelling
- Land surface process and management
- Water engineering

Professional recognition
Professional recognition through Engineers Australia and the Washington Accord qualifies you as a professional engineer. Many graduates have greater opportunities for international mobility.

Career opportunities/outcomes
Environmental engineering is flexible and diverse. You may prefer hands-on fieldwork, design and development, or a leadership role in a wide range of industries. You will gain environmental engineering skills in:
- Environmental chemistry
- Environmental legislation and planning
- Fluid mechanics
- Hydraulic modelling
- Land surface process and management
- Water engineering

Professional recognition
Professional recognition through Engineers Australia and the Washington Accord qualifies you as a professional engineer. Many graduates have greater opportunities for international mobility.

Career opportunities/outcomes
Almost all industries need environmental engineers and 94.5% of graduates find work within four months of completing this degree. They work in medical, transport, aerospace, electronics, mining, renewable energy, robotics, automation and advanced manufacturing industries.
Some typical positions include:
- Engineering Project Manager
- Mechanical Engineering Designer
- Mechanical Technology Engineer
- Operating Plant Manager

Bachelor of Mechanical Engineering (Honours)

CRICOS code: 01870A
Duration: 4 yrs FT
Locations: Newcastle – Callaghan, Singapore
Indicative annual fee: 2022 A$45,725, 2023 A$45,297
IELTS: IELTS overall minimum - 6.0, IELTS section minimum - 6.0
Practical experience: 12-week mandatory professional placement

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 with an elective pathway. Build critical technical and engineering skills in:
- Advanced materials and manufacturing
- Computer-aided engineering
- Fluid dynamics
- Mechanics, physics, design and mechanics
- Thermodynamics

Professional recognition
Professional recognition through Engineers Australia and the Washington Accord qualifies you as a professional engineer. Many graduates have greater opportunities for international mobility.

Career opportunities/outcomes
Almost all industries need mechanical engineers and 94.5% of graduates find work within four months of completing this degree. They work in medical, transport, aerospace, electronics, mining, renewable energy, robotics, automation and advanced manufacturing industries.
Some typical positions include:
- Avionics Engineer
- Data Communications Engineer
- Industrial Automation Engineer
- Robotics Designer
- Smart Infrastructure Designer

Bachelor of Mechatronics Engineering (Honours)

CRICOS code: 01876A
Duration: 4 yrs FT
Locations: Newcastle – Callaghan
Indicative annual fee: 2022 A$45,530, 2023 A$46,289
IELTS: IELTS overall minimum - 6.0, IELTS section minimum - 6.0
Intake: 51, 52
Practical experience: 12-week mandatory professional placement

What you will study
Mechanical engineers design, manufacture and optimise specialist machines and processes. They solve important problems using robotics, new advanced materials, the fundamentals of energy generation and transmission and the computer control of physical systems – from nano to macro-terreic scale. They work on everything from power plants, to air conditioners, aircraft engines and race cars. With a Bachelor of Mechanical Engineering (Honours), you could design self-driving farm machinery for ultra-precise food production, or build revolutionary biomechanical solutions for people with disabilities.

Professional recognition
Professional recognition through Engineers Australia and the Washington Accord qualifies you as a professional engineer. Many graduates have greater opportunities for international mobility.

Career opportunities/outcomes
Almost all industries need mechatronic engineers and 94.5% of graduates find work within four months of completing this degree. They work in medical, transport, aerospace, electronics, mining, renewable energy, robotics, automation and advanced manufacturing industries.
Some typical positions include:
- Avionics Engineer
- Data Communications Engineer
- Industrial Automation Engineer
- Robotics Designer
- Smart Infrastructure Designer

Bachelor of Medical Engineering (Honours)

CRICOS code: 01809K
Duration: 4 yrs FT
Locations: Newcastle – Callaghan
Indicative annual fee: 2022 A$45,380, 2023 A$45,450
IELTS: IELTS overall minimum - 6.0, IELTS section minimum - 6.0
Intake: 51, 52
Practical experience: 12-week mandatory professional placement

What you will study
Medical engineering is a new and exciting discipline of engineering spanning medical, electrical and mechanical engineering. Medical engineers seek to improve health through the development and design of equipment, devices and computer systems. A degree in medical engineering allows you to combine your interest in health and medicine with creativity and problem-solving to address health care challenges such as infectious diseases, environmental health, and health care accessibility. We offer only mechanical engineering degree in NSW, so our graduates are uniquely placed to improve lives both locally and around the world.

Professional recognition
Professional recognition through Engineers Australia and the Australian Computer Society and the Washington Accord qualifies you as a professional engineer. Many graduates have greater opportunities for international mobility.

Career opportunities/outcomes
Medical engineering has a profound impact around the world.
Some typical positions include:
- Medical Devices
- Programming and computing
- Pharmacology
- Biomechanical devices
- Diagnostic equipment
- Prosthetic limbs
- Surgical equipment
- Telecommunications Engineer
- Software Development Manager
- Internet and Web Engineer
- Software architecture, development and design
- Programming languages and paradigms
- Enterprise software engineering
- Formal languages and automata
- Parallel and distributed paradigms
- Software architecture, development and quality assurance
- Software project management
- Software testing and quality assurance
- Web application development

What you will study
Build critical technical and engineering skills in:
- Biomechanics
- Medical Devices
- Programming and computing
- Pharmacology
- Biomechanical devices
- Diagnostic equipment
- Prosthetic limbs
- Surgical equipment
- Telecommunications Engineer
- Software Development Manager
- Internet and Web Engineer
- Software architecture, development and design
- Programming languages and paradigms
- Enterprise software engineering
- Formal languages and automata
- Parallel and distributed paradigms
- Software architecture, development and quality assurance
- Software project management
- Software testing and quality assurance
- Web application development

Professional recognition
Professional recognition through Engineers Australia and the Australian Computer Society means graduates will be qualified as professional engineers. Many graduates have greater opportunities for international mobility.

Career opportunities/outcomes
Almost all industries need software engineers and 94.5% of graduates find work within four months of completing this degree. They work in medical, transport, aerospace, electronics, mining, renewable energy, robotics, automation and advanced manufacturing industries.
Some typical positions include:
- Control Systems Engineer
- Cybersecurity Engineer
- Software Development Manager
- Telecommunications Engineer
What you will study

- Become highly skilled in professional practice courses and diversify your skills with an elective pathway.
- Advance critical and technical skills and knowledge.

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 (GICON), the Master of Materials Science and Engineering will prepare you to meet the global demand of this growing area. You can study in fields that include materials science and engineering, education, medicine, information technology, energy, and environmental technologies, and space science. Students can elect to take a general pathway or research specialisation within this program.

What you will study

- A unique program of study that can be combined with our Master of Professional Engineering to gain advanced capabilities in emerging technologies.
- This degree will help you develop the technical and personal skills required in emerging electrical engineering and management.

Course overview

This degree will help you develop the technical and personal skills required to be an effective professional engineer in electrical engineering and management. You will gain advanced capabilities in emerging technologies, and specialise in areas that include electrical engineering, management, and entrepreneurship.

What you will study

- A unique program of study that can be combined with our Master of Professional Engineering to gain advanced capabilities in emerging technologies.
- This degree will help you develop the technical and personal skills required in emerging electrical engineering and management.

Course overview

What you will study

- A unique program of study that can be combined with our Master of Professional Engineering to gain advanced capabilities in emerging technologies.
- This degree will help you develop the technical and personal skills required in emerging electrical engineering and management.

Course overview

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Course overview

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- A unique program of study that can be combined with our Master of Professional Engineering to gain advanced capabilities in emerging technologies.
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Course overview

What you will study

- A unique program of study that can be combined with our Master of Professional Engineering to gain advanced capabilities in emerging technologies.
- This degree will help you develop the technical and personal skills required in emerging electrical engineering and management.
Health and Medicine

The field of health and medical services is driven by passionate and caring people, motivated to improve, extend, and even save lives. Our ageing population and increasing rate of chronic illness means that we need more health professionals to provide life-changing treatment and preventative care. From researchers to doctors and nurses in hospitals and clinics, pharmacists, radiographers, physiotherapists and everyone in between – there are a wide range of dynamic, exciting professions to choose from. Here you will engage in hands-on, practical education in a safe environment before having the opportunity to apply your learning in the field through practical placements.

Bachelor of Biomedical Science

CRICOS code 02311D
Duration 3 yrs FT
Locations Newcastle – Callaghan
Indicative annual fee 2022 A$45,405
2023 A$45,404
IELTS IELTS overall minimum - 6.0
IELTS section minimum - 6.0
Intake S1
Practical experience 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. Core courses provide advanced theoretical knowledge in: Anatomy, Biochemistry, Immunology, Medical genetics, Physiology. Choose from electives in your third year of study to prepare you for a career in medical research, laboratory medicine or a clinical health profession.

Career opportunities/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: Clinical Research Coordinator, General/Genetic Counsellor, Laboratory Scientist, Pharmaceutical Scientist, Reproductive Medicine/MF Specialist, Science Educator.

Bachelor of Medical Radiation Science (Honours) (Diagnostic Radiography)

CRICOS code BM064E
Duration 4 yrs FT
Locations Newcastle – Callaghan
Indicative annual fee 2022 A$53,625
2023 A$53,744
IELTS IELTS overall minimum - 7.0
IELTS section minimum - 7.0
Intake S1
Practical experience Approximately 40 weeks of professional practice

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 diagnoses and play an important role in improving patient outcomes in both acute and chronic presentations.

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, developing your skills in our world-class facilities. All students gain hands-on radiography experience, completing professional practice over the duration of the program. Placements will be in metropolitan and regional settings along with a mandatory rural placement. During the program placements take place in both the public and private sector.

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, the Australian Health Practitioner Regulation Agency (AHPRA).

Career opportunities/outcomes
We are above the national average for overall undergraduate employment meaning you’re more likely to get a job after graduating with us. Some typical roles include: Chief Radiographer, CT Radiographer, Medical Imaging Technologist, Diagnostic Radiographer, MR Radiographer, Sonographer.

Radiation Science (Honours)

Bachelor of Medical Radiation Science (Honours) (Nuclear Medicine)

CRICOS code BM065D
Duration 4 yrs FT
Locations Newcastle – Callaghan
Indicative annual fee 2022 A$53,625
2023 A$53,744
IELTS IELTS overall minimum - 7.0
IELTS section minimum - 7.0
Intake S1
Practical experience 42 weeks of clinical placement

Course overview
Nuclear medicine graduates from the University of Newcastle are sought after worldwide. As a nuclear medicine scientist, you will apply advanced medical imaging technologies and radioactive chemical compounds (called radiopharmaceuticals) to image and measure 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 across Australia, preparing you for a successful career in nuclear medicine.

Areas of study include: Anatomy, Molecular imaging, Nuclear medicine theory, Patient care, Physiology, Psychology, 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 opportunities/outcomes
We are above the national average for overall undergraduate employment meaning you’re more likely to get a job after graduating with us. Some typical roles include: Nuclear Medicine Scientist, Nuclear Medicine Application Specialist, PET/MRI Scientist, Sonographer.
### Bachelor of Medical Radiation Science (Radiation Therapy)

**CRICOS code** G0806G
**Duration** 4 yrs FT

<table>
<thead>
<tr>
<th>Locations</th>
<th>Newcastle – Callaghan</th>
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<tbody>
<tr>
<td><strong>Indicative annual fee</strong></td>
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<td>IELTS</td>
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<tr>
<td><strong>Intake</strong></td>
<td>S1</td>
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</tbody>
</table>

#### Practical experience
42 weeks of a mentored professional placement.

#### Course overview
Radiation therapy uses sophisticated radiation technology to target cancer cells. The University of Newcastle is a leading radiation therapy trainer and our graduates are sought after worldwide. As a radiation therapist you will work in a multidisciplinary team to treat and manage cancer. You will also have the opportunity to develop new techniques to improve patient outcomes. Studying a Bachelor of Medical Radiation Science (Honours) (Radiation Therapy) will set you on a path to make your mark on the world. The University of Newcastle Radiation Therapy degree boasts the latest Cancer Care Technology and equipment and as of 2022, students will have the opportunity to engage with our global clinical partners through the newly established Global Centre for Research and Training in Radiation Oncology.

#### What you will study
You will:
- Develop the necessary skills required to operate a linear accelerator to deliver a range of radiation treatment techniques whilst utilising technology such as surface tracking, image-guided RT and CBCT.
- Use sophisticated software to custom design radiation treatment plans for various cancer types such as breast, prostate and brain.
- Learn how to utilise medical imaging equipment to capture and assess treatment information.
- Gain skills and experience to create and produce radiation therapy immobilisation equipment e.g. thermoplastic masks.
- Complete 42 weeks of a mentored professional placement in metropolitan, regional and rural settings. You will also have access to world-class facilities such as our 3D Virtual Radiation Therapy Simulation Laboratory, using a clinical-grade planning software, develop patient immobilisation devices in our 8-bay Simulation space and operate a clinical Linear Accelerator – all located at the University’s Callaghan Campus.

#### Areas of study include:
- Anatomy and physiology
- Oncology
- Research
- Physics
- Imaging and treatment technologies
- Statistics

#### 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 opportunities/outcomes
We are above the national average for overall undergraduate employment meaning you are more likely to get a job after graduating with us.

#### Some typical roles include:
- Radiation Therapist
- Applications Specialist
- Academic
- Advanced Practitioner

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### Bachelor of Medical Science and Doctor of Medicine (Joint Medical Program)

**CRICOS code** G0806G
**Duration** 5 yrs FT

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</tr>
<tr>
<td><strong>Intake</strong></td>
<td>S1</td>
</tr>
</tbody>
</table>

#### Practical experience
Mandatory placement in a clinical setting.

#### Course overview
Launch your medical career in a world-class medical degree program. This degree has been designed to ensure it is and remains relevant to a rapidly changing health care environment. You will graduate with enhanced 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 healthcare practitioners. The Bachelor of Medical Science 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. Students also have the option to study at our new state-of-the-art Central Clinical Coastal School, our nation-leading medical, nursing and midwifery teaching and education facility.

#### What you will study
This five-year program combines the Bachelor of Medical Science and the Doctor of Medicine, students 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 innovative learning paradigm 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 Bachelor of Medical Science and Doctor of Medicine, 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 opportunities/outcomes
Our graduates enjoy great job prospects. Following completion of an intern year a wide range of career opportunities are possible with further postgraduate training. Typical graduate roles include:
- Diagnostic specialist, e.g. Radiologic Pathologist
- Emergency Doctor
- General Practitioner (GP)
- Medical Administrator
- Medical Researcher
- Medical Specialist, e.g. Obstetrician and Gynaecologist, Paediatrician, Psychiatrist, Physician, Public Health Physician, Surgeon

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

#### Note
Applications are open to International students currently studying in Australia. If you do not meet the admission requirements for direct admission, the College of International Education offers an alternate pathway into this program.

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### Bachelor of Nursing

**CRICOS code** 10667M
**Duration** 3 yrs FT

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<th>Locations</th>
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</table>

#### Practical experience
800 hours of supervised clinical experience.

#### 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. Nurses work in a variety of environments, providing excellence in caring to individuals, families, and communities. They are a highly employable workforce across Australia and around the world. Whatever career path you choose as a registered nurse, when you study a Bachelor of Nursing, you can be sure that you will be making an important and meaningful contribution to society. Students also have the option to study at our new state-of-the-art Central Clinical Coastal School, our nation-leading medical, nursing and midwifery teaching and education facility.

#### What you will study
The Bachelor of Nursing program is designed to prepare you to work as a nurse and midwife in a variety of healthcare settings. The program combines theoretical and scientific knowledge with practical learning to ensure you are prepared for a successful career in nursing and dietetics. Areas of study include:
- Basic and applied sciences
- Dietetic practice
- Food service and management
- Medical nutrition therapy
- Paediatric nutrition and dietetics
- Professional practice
- Public health nutrition
- Social sciences
- Statistics and research methodology

#### 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 opportunities/outcomes
We are above the national average for overall undergraduate employment meaning you’re more likely to get a job after graduating with us. 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:
- Clinical Nurse Consultant
- Clinical Nurse Specialist
- Nurse Educator
- Nurse Manager
- Nurse Practitioner
- Nurse Researcher

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### Bachelor of Nutrition and Dietetics (Honours)

**CRICOS code** 00113C
**Duration** 4 yrs FT

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#### Practical experience
800 hours of supervised professional practice.

#### Course overview
Demand for Bachelor of Nutrition and Dietetics (Honours) graduates is growing, as nutrition and related disease – such as heart disease, diabetes and obesity – become increasingly common worldwide. You will have access to world-class researchers and educators, and learn how to manage patient health. You will 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 and improve the overall health in your community and worldwide.

#### What you will study
Students will gain valuable hands-on experience by completing more than 800 hours of supervised professional practice in a variety of settings including hospitals, outpatient clinics, and community health centres. 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
- Dietetic practice
- Food service and management
- Medical nutrition therapy
- Paediatric nutrition and dietetics
- Professional practice
- Public health nutrition
- Social sciences
- Statistics and research methodology

#### Professional recognition
Once you graduate, you are eligible to apply for Accredited Practicing Dietitian status as well as full membership with Dietitians Australia.

#### Career opportunities/outcomes
This field of nutrition and dietetics continues to grow and offers varied career options. Typical roles include:
- Diabetes Educator
- Dietitian
- Food service Manager
- Health Administrator
- Health Promotion Officer
- Health Writer
- Nutritionist
- Sports Dietitian
- Researcher
### Bachelor of Occupational Therapy (Honours)

**CHRICOS code**: 00112B

**Duration**: 4 yrs FT

**Locations**: Newcastle – Callaghan

**Indicative annual fee**: 2022 AS$37170

**2023 AS$39180

**IELTS**: Overall minimum - 7.0 IELTS section minimum - 7.0

**Intake**: S1

**Practical experience**: 1,000 hours of professional practice

**Course overview**
Do you want to work with people and communities to overcome health challenges? The work of an occupational therapist is incredibly rewarding. As the Bachelor of Occupational Therapy (Honours), you can prepare for children and adult developmental milestones. You could assist people to return to their daily lives after a stroke or hip replacement, or design programs that allow people to return to their jobs after a workplace injury. Graduates complete 1,000 hours of clinical placements in public and private centres throughout 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 Bachelor of Occupational Therapy (Honours) is accredited by the Occupational Therapy Board of Australia (OTB) under the Australian Health Practitioner Regulation Agency (AHPRA).

**Career opportunities/outcomes**
We are also above the national average for overall undergraduate employment meaning you’re more likely to get a job after graduating with us. Some typical roles include:
- Disability Services Manager
- Injury Management Advisor
- Lifestyle Coordinator
- Occupational Therapist
- Rehabilitation Consultant

### Bachelor of Oral Health Therapy

**CHRICOS code**: 084469F

**Duration**: 3 yrs FT

**Locations**: Ourimbah – Central Coast

**Indicative annual fee**: 2022 AS$36160

**2023 AS$39394

**IELTS**: IELTS overall minimum - 7.0 IELTS section minimum - 7.0

**Intake**: S1

**Practical experience**: Minimum of 500 hours of supervised dental practice

**Course overview**
This degree provides graduates with dual qualifications in dental hygiene and dental therapy, qualifying you to treat both children and adults. Our program offers an extended restorative scope, not offered elsewhere in NSW – broadening your career options and boosting your employability. You will work closely with professional dental practitioners and learn to perform a range of preventive, periodontal and minor restorative tasks, educate your community on best practices and discover better ways for prevention, diagnosis, and treatment of dental diseases.

**What you will study**
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 diverse communities
- Human biology and anatomy
- Oral therapy
- Periodontology

**Professional recognition**
You can apply for professional registration with the Australian Dental Association (ADA). You will complete this degree with a dual qualification in dental hygiene and dental therapy.

**Professional recognition**
You can apply for professional registration with the Australian Health Practitioner Regulation Agency (AHPRA).

**Professional recognition**
You can apply for professional registration with the Australian Pharmacy Board of Australia. You will complete this degree with a dual qualification in pharmacy practice and pharmacy practice.

**Professional recognition**
You can apply for professional registration with the Australian Health Practitioner Regulation Agency (AHPRA). This degree is accredited by the Australian Pharmacy Council.

**Career opportunities/outcomes**
You will discover a range of options that you could choose to pursue in your pharmacy career. You could find yourself working in areas such as investigating drug use, discovery and formulation, to pharmacy practice, personalised healthcare and health technologies assessment.

**Typical roles include:**
- Community Pharmacist
- Hospital Pharmacist
- Industrial Pharmacist
- Pharmaceutical Policy Officer
- Researcher

### Bachelor of Pharmacy (Honours)

**CHRICOS code**: 07991D

**Duration**: 4 yrs FT

**Locations**: Newcastle – Callaghan

**Indicative annual fee**: 2022 AS$42913

**2023 AS$47350

**IELTS**: IELTS overall minimum - 7.0 IELTS section minimum - 7.0

**Intake**: S1

**Practical experience**: Over 420 hours of clinical placement

**Course overview**
You will develop an extensive knowledge of the essential scientific, pharmaceutical, and pharmaceutical sciences 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:
- Chemistry
- Pharmaceutical sciences
- Pharmacology
- Epidemiology
- Pharmacotherapies
- Pharmacy practice

**Professional recognition**
This degree has full accreditation awarded by the Australian Pharmacy Board. Graduates are eligible to apply for registration as a pharmacist. This degree is accredited by the Australian Pharmacy Council.

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

**Areas of study include:**
- Advanced anatomy, physiology and pathophysiology
- Clinical pharmacology
- Health promotion and public health
- Physiology and pathophysiology
- Statistics and research methodology

### Bachelor of Physiotherapy (Honours)

**CHRICOS code**: 086968M

**Duration**: 4 yrs FT

**Locations**: Ourimbah – Central Coast

**Indicative annual fee**: 2022 AS$41910

**2023 AS$46470

**IELTS**: IELTS overall minimum - 7.0 IELTS section minimum - 7.0

**Intake**: S1

**Practical experience**: Large amount of supervised clinical practice

**Course overview**
As a physiotherapist, you will work directly with patients 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 helps you develop beyond 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 pharmacology, biomedial and behavioural sciences. Real-world experience is gained while completing multiple high quality supervised clinical placements in both public and private healthcare services.

**Areas of study include:**
- Advanced anatomy, physiology and pathophysiology
- Clinical pharmacology
- Health promotion and public health
- Physiology and pathophysiology
- 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 and the Australian Health Practitioner Regulation Agency (AHPRA).

**Career opportunities/outcomes**
We are above the national average for overall undergraduate employment meaning you’re more likely to get a job after graduating with us. Physiotherapy graduates work in various public and private settings including hospitals, rehabilitation and community centres, aged care, with sporting teams and in private practice.

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

**Areas of study include:**
- Advanced anatomy, physiology and pathophysiology
- Clinical pharmacology
- Health promotion and public health
- Physiology and pathophysiology
- 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 and the Australian Health Practitioner Regulation Agency (AHPRA).

**Career opportunities/outcomes**
We are above the national average for overall undergraduate employment meaning you’re more likely to get a job after graduating with us. Physiotherapy graduates work in various public and private settings including hospitals, rehabilitation and community centres, aged care, with sporting teams and in private practice.

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

**Areas of study include:**
- Advanced anatomy, physiology and pathophysiology
- Clinical pharmacology
- Health promotion and public health
- Physiology and pathophysiology
- 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 and the Australian Health Practitioner Regulation Agency (AHPRA).

**Career opportunities/outcomes**
We are above the national average for overall undergraduate employment meaning you’re more likely to get a job after graduating with us. Physiotherapy graduates work in various public and private settings including hospitals, rehabilitation and community centres, aged care, with sporting teams and in private practice.

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

**Areas of study include:**
- Advanced anatomy, physiology and pathophysiology
- Clinical pharmacology
- Health promotion and public health
- Physiology and pathophysiology
- 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 and the Australian Health Practitioner Regulation Agency (AHPRA).

**Career opportunities/outcomes**
We are above the national average for overall undergraduate employment meaning you’re more likely to get a job after graduating with us. Physiotherapy graduates work in various public and private settings including hospitals, rehabilitation and community centres, aged care, with sporting teams and in private practice.

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

**Areas of study include:**
- Advanced anatomy, physiology and pathophysiology
- Clinical pharmacology
- Health promotion and public health
- Physiology and pathophysiology
- 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 and the Australian Health Practitioner Regulation Agency (AHPRA).

**Career opportunities/outcomes**
We are above the national average for overall undergraduate employment meaning you’re more likely to get a job after graduating with us. Physiotherapy graduates work in various public and private settings including hospitals, rehabilitation and community centres, aged care, with sporting teams and in private practice.

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

**Areas of study include:**
- Advanced anatomy, physiology and pathophysiology
- Clinical pharmacology
- Health promotion and public health
- Physiology and pathophysiology
- 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 and the Australian Health Practitioner Regulation Agency (AHPRA).

**Career opportunities/outcomes**
We are above the national average for overall undergraduate employment meaning you’re more likely to get a job after graduating with us. Physiotherapy graduates work in various public and private settings including hospitals, rehabilitation and community centres, aged care, with sporting teams and in private practice.
For a full list of degrees, combined degree options and programs offering end on honours see pages 62-68.

Bachelor of Public and Community Health

Bachelor of Speech Pathology (Honours)

Master of Nursing

Master of Public Health

See the website for more information about this degree.

See the website for more information about this degree.

See the website for more information about this degree.

See the website for more information about this degree.

Health and Medicine
If you are passionate about justice and want to understand more about creating real change through legislation and policy – law is the career for you. You will learn about the principles underlying the Australian legal system while also advocating for legal rights on local, national and global issues. As Australia’s leading clinical law school, the University of Newcastle Legal Centre provides you with the practical legal training and supervised clinical legal experience needed to practise as an Australian lawyer without any further study.

What you will study
When you study a Bachelor of Laws (Honours) degree at the University of Newcastle you will graduate with a Bachelor of Laws (Honours) and a second Bachelor level degree in just five years of full-time study.

What is the duration?
5 years

What are the career opportunities?
Your Bachelor of Laws (Honours) combined degree will be invaluable. You will graduate with skills and experience in:

- Advanced research
- Legal advocacy
- Analytical problem solving
- Oral and written communication
- Independent problem solving
- Negotiation
- High-level task management

You will learn and develop these skills by studying courses in various aspects of law including:

- Administrative law
- Comparative law
- Contract law
- Criminal law and procedure
- Equity and trusts
- Evidence
- Equity and trusts
- Evidence
- Property law
- Procedure

Professional recognition
Our Bachelor of Laws and Diploma of Legal Practice are accredited by the Legal Profession Admission Board of New South Wales.

Career opportunities/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
- Legal Aid Lawyer
- Legal Researcher
- Paralegal
- Solicitor
- Advocate
- Dispute Resolution
- Officer
- Judicial Assistant

This degree is also offered in both S1 and S2 SIT intakes.

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.

What is the duration?
5 years

What are the career opportunities?
Our graduates go on to jobs in a diverse range of areas. Some positions include:

- Barrister
- Corporate Lawyer
- Law Clerk
- Legal Aid Lawyer
- Legal Researcher
- Paralegal
- Solicitor
- Advocate
- Dispute Resolution Officer
- Judicial Assistant

This degree is also offered in both S1 and S2 SIT intakes.

Medical applications
Applications are required separately for each degree.

For a full list of degrees, combined degree options and programs offering end on honours see pages 92-98.
Master of Environmental Law

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<td>Locations</td>
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Indicative annual fee
- 2022 AS$32,239
- 2023 AS$32,226

IELTS
- IELTS overall minimum - 7.0
- IELTS section minimum - 6.5

Intake
- T1, T2, T3, S1, S2, Winter

Practical experience
- Opportunities available

Course overview
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. 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.

What you will study
Choose from a range of courses such as:
- Applied natural resources management
- Disaster resilience economics
- Environmental law
- Government approaches to disaster risk reduction
- Law and economics of climate change
- Sustainability and ecosystem health

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 in various areas including:
- Environmental and resources sectors
- Government and non-government sectors
- In-house counsel (for legal professionals only)
- Legal practice or advice (for legal professionals only)
- Private sector, e.g. sustainability consulting
- Public policy

What you will study
Expand your knowledge and skills by picking individual courses that appeal to you, or choose one of our specialisations:
- Disaster resolution
- Employment and labour relations law
- Environmental law
- International law
- Law in practice (only available to students who completed theirLaw degree outside of Australia)

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 practise law in Australia.

Career opportunities/outcomes
Advance your career in various areas including:
- Government sector
- Human rights advocacy
- In-house counsel
- Legal practice
- Private sector
- Public policy

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Master of Laws (LLM)

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<th>CHICOS code</th>
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Indicative annual fee
- 2022 AS$32,239
- 2023 AS$32,226

IELTS
- IELTS overall minimum - 7.0
- IELTS section minimum - 6.5

Intake
- S1, S2, Winter

Practical experience
- 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 AS$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 specialisations:
- Dispute resolution
- Employment and labour relations law
- Environmental law
- International law
- Law in practice (only available to students who completed their Law degree outside of Australia)

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 practise law in Australia.

Career opportunities/outcomes
Advance your career in various areas including:
- Government sector
- Human rights advocacy
- In-house counsel
- Legal practice
- Private sector
- Public policy

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Science and the Environment

There are so many possibilities for students interested in the field of science. You might work in a lab, discovering life-changing scientific breakthroughs. You could work in environmental education, sharing advice on ways to live more sustainably with the next generation. Maybe you see yourself using science to shape government policy – or something else entirely. A science degree gives you the flexibility to explore your interests, find a pathway that is right for you and make a real difference in the world.
Bachelor of Biotechnology

CRICOS code 05987B
Duration 3 yrs FT

Locations Newcastle – Callaghan

Indicative annual fee 2022 A$41,505
Indicative annual fee 2023 A$41,933
IELTS overall minimum 6.0 (IELTS section minimum 6.0)

Intake 51

Practical experience 10 week full-time industrial placement

Course overview
Imagine using living organisms to modify products for the better – like creating a new vaccine to save millions of lives. A Bachelor of Biotechnology will help you to develop technologies that improve our communities and the health of our planet. You might even be the researcher that develops a super crop that can survive harsh climates and feed the hungry. The products of biotechnology are all around us and you can be at the forefront of scientific development and discovery.

What you will study
Our academics are internationally recognised leaders and produce cutting-edge research that develops new methods for sustainable materials and solutions, and plays an important role in our health, plant and animal agriculture and the environment. Our academics are internationally recognised leaders and produce cutting-edge research that develops new methods for sustainable materials and solutions, and plays an important role in our health, plant and animal agriculture and the environment. Core studies include:

• Biochemistry
• Biotechnology
• Molecular biology and genetics
• Reproductive biology
• Laboratory skills in biological systems

Professional recognition
Our graduates can apply for membership to professional bodies and special interest societies such as the Australian Society of Biochemistry and Molecular Biology.

Career opportunities/outcomes
Biotechnology is predicted to be a key for solving global issues in the future, such as urbanisation and climate change, fuel alternatives and food security. You could go into a career as a:

• Biochemist
• Biotechnologist
• Geneticist
• Microbiologist
• Reproductive Medicine/IVF Specialist

Bachelor of Climate Science and Adaptation

CRICOS code 302444D
Duration 3 yrs FT

Locations Newcastle – Callaghan

Indicative annual fee 2022 A$42,000
Indicative annual fee 2023 A$43,000
IELTS overall minimum 6.0 (IELTS section minimum 6.0)

Intake 51, 52

Practical experience Embedded major capstone project in final year

Course overview
The Bachelor of Climate Science and Adaptation is a specialised degree which will allow you to turn your passion into practice. It will provide you with fundamental tools to tackle the many challenges associated with quantifying and dealing with climate-related issues. You will learn how to assess the impacts of climate variability and change. You will also learn how to develop adaptation strategies (e.g. infrastructure, planning policy) that not only reduce the economic, environmental, and social costs of climate hazards, but are also optimal and robust across a range of plausible futures.

What you will study
This program incorporates courses from multidisciplinary study areas and provides a broad range of elective pathways to complement your career aspirations. Key areas of study include:

• Climate and energy
• Climate change and resource management
• Earth processes (including climatic, biological, coastal, soil)
• Human geography
• Risk, vulnerability, adaptation, and resilience
• Spatial science
• Statistics
• Water, energy and food security

Career opportunities/outcomes
Climate change and natural resource management can go on to work in a diverse range of areas including:

• Air quality control
• Climate and energy
• Climate action and resilience
• Climate change operations
• Climate change policy
• Climatology
• Ecology
• Energy and resources
• Environmental impact and assessment
• Laboratory and research work
• Meteorology

Bachelor of Coastal and Marine Science

CRICOS code 050479
Duration 3 yrs FT

Locations Newcastle – Callaghan

Indicative annual fee 2022 A$41,900
Indicative annual fee 2023 A$43,000
IELTS overall minimum 6.0 (IELTS section minimum 6.0)

Intake 51, 52

Practical experience Work integrated learning opportunities available

Course overview
Are you a lover of the ocean? A passionate marine biologist who wants to contribute to solving the environmental challenges that our communities face? The Bachelor of Coastal and Marine Science is for you. You will learn how to assess the impacts of climate variability and change. You will also learn how to develop adaptation strategies (e.g. infrastructure, planning policy) that not only reduce the economic, environmental, and social costs of climate hazards, but are also optimal and robust across a range of plausible futures.

What you will study
You can choose to study in areas such as:

• Aquaculture
• Biodiversity and conservation
• Cell and molecular biology
• Chemistry
• Coastal and surface processes
• Environmental science
• Environmental technology and health
• Geographical information systems
• Indigenous and non-Indigenous community practice
• Microbiology
• Plant biology
• Public and community health
• Reparation and sustainability
• 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 opportunities/outcomes
The flexible structure of this degree can lead you into careers such as:

• Coastal and marine park governance
• Conservation/ Ecotourism
• Environmental consultant or conservation officer
• Fisheries technician or research assistant

Career opportunities/outcomes
Graduates can go on to work in a diverse range of areas including conservation, laboratory and research work and urban or regional planning. Some typical positions include:

• Aquaculture
• Biodiversity
• Conservation
• Ecotourism
• Environmental consultant or scientist
• Fisheries

Bachelor of Environmental Science and Management

CRICOS code 05987D
Duration 3 yrs FT

Locations Newcastle – Callaghan Central Coast

Indicative annual fee 2022 A$41,900
Indicative annual fee 2023 A$43,000
IELTS overall minimum 6.0 (IELTS section minimum 6.0)

Intake 51, 52

Practical experience Organisational placement opportunities available

Course overview
If you want to contribute to solving the environmental challenges that our communities face, you have a passion for sustainable futures, you should consider the Bachelor of Environmental Science and Management is for you. You will learn how to assess the impacts of climate variability and change. You will also learn how to develop adaptation strategies (e.g. infrastructure, planning policy) that not only reduce the economic, environmental, and social costs of climate hazards, but are also optimal and robust across a range of plausible futures.

What you will study
Students will explore concepts such as the environmental consequences of food production and related ethics, values and legislation. Developmental studies include:

• Biological and earth processes
• Environmental planning and impact assessment
• Environmental remote sensing and complex geographic information systems
• Environmental sampling and data analysis
• Land management

Students can also choose to major in Ecosystems and Biodiversity, Marine Science and Management, Natural Resources and Hazards, or Sustainability.

Professional recognition
Graduates will be eligible to apply for membership with the Australian Institute of Environmental Scientists (AIES) and/or the Australian Society of Environmental Scientists (AS2). Graduates can also register as an Associate Nutritionist (ANutr) and apply for Registered Nutritionist status (RNutr) following sufficient industry experience.

Career opportunities/outcomes
Careers can range from roles that develop a personal or professional interest in food science, health and nutrition industries. Depending on your study area, you can gain professional accreditation with the Hunter Environmental Institute, Australian Ecology Professional Association and/or the Australian Society of Marine Science. Our graduates have gone on to work in a variety of areas including conservation, laboratory and research work and urban or regional planning. Some typical positions include:

• Aquaculture
• Biodiversity
• Conservation
• Ecotourism
• Environmental consultant or scientist
• Fisheries

Bachelor of Food Science and Human Nutrition

CRICOS code 05987E
Duration 3 yrs FT

Locations Newcastle – Callaghan Central Coast

Indicative annual fee 2022 A$41,900
Indicative annual fee 2023 A$43,000
IELTS overall minimum 6.0 (IELTS section minimum 6.0)

Intake 51, 52

Practical experience Work placement opportunities available

Course overview
The experience, specialist knowledge and skills you learn will prepare you for a successful career in the food science, health and nutrition industries. Depending on your study area, you can gain professional accreditation with the Hunter Environmental Institute, Australian Ecology Professional Association and/or the Australian Society of Marine Science. Australian Coral Reef Society. Australian Marine Sciences Association and the Australian Fisher Industry. Depending on your study area, you can gain professional accreditation with the Hunter Environmental Institute, Australian Ecology Professional Association and/or the Australian Society of Marine Science. Australian Coral Reef Society. Australian Marine Sciences Association and the Australian Fishery Industry.

What you will study
Graduates develop a strong foundation of the latest scientific developments and be equipped with the specialist knowledge and skills needed for a successful career in the food science, health and nutrition industries.

Career opportunities/outcomes
Careers can range from roles that develop a personal or professional interest in food science, health and nutrition industries. Depending on your study area, you can gain professional accreditation with the Hunter Environmental Institute, Australian Ecology Professional Association and/or the Australian Society of Marine Science. Our graduates have gone on to work in a variety of areas including conservation, laboratory and research work and urban or regional planning. Some typical positions include:

• Aquaculture
• Biodiversity
• Conservation
• Ecotourism
• Environmental consultant or scientist
• Fisheries

Bachelor of Psychological Science

CRICOS code 05916D
Duration 3 yrs FT

Locations Newcastle – Callaghan

Indicative annual fee 2022 A$41,430
Indicative annual fee 2023 A$43,000
IELTS overall minimum 7.0 (IELTS section minimum 7.0)

Intake 51, 52

Practical experience Work integrated learning opportunities available

Course overview
Psychological science is a fascinating area where we explore the complexities of human behaviour. This understanding is key to addressing the complex problems that will positively impact the lives of others. As a Psychological Science and Social Work student, you will focus on the application of both fields to address the needs of individuals and communities across the globe.

What you will study
Graduates develop a strong foundation of the latest scientific developments and be equipped with the specialist knowledge and skills needed for a successful career in the food science, health and nutrition industries.

Career opportunities/outcomes
Careers can range from roles that develop a personal or professional interest in food science, health and nutrition industries. Depending on your study area, you can gain professional accreditation with the Hunter Environmental Institute, Australian Ecology Professional Association and/or the Australian Society of Marine Science. Australian Coral Reef Society. Australian Marine Sciences Association and the Australian Fishery Industry.

What you will study
Graduates develop a strong foundation of the latest scientific developments and be equipped with the specialist knowledge and skills needed for a successful career in the food science, health and nutrition industries.

Career opportunities/outcomes
Careers can range from roles that develop a personal or professional interest in food science, health and nutrition industries. Depending on your study area, you can gain professional accreditation with the Hunter Environmental Institute, Australian Ecology Professional Association and/or the Australian Society of Marine Science. Australian Coral Reef Society. Australian Marine Sciences Association and the Australian Fishery Industry.

What you will study
Graduates develop a strong foundation of the latest scientific developments and be equipped with the specialist knowledge and skills needed for a successful career in the food science, health and nutrition industries.

Career opportunities/outcomes
Careers can range from roles that develop a personal or professional interest in food science, health and nutrition industries. Depending on your study area, you can gain professional accreditation with the Hunter Environmental Institute, Australian Ecology Professional Association and/or the Australian Society of Marine Science. Australian Coral Reef Society. Australian Marine Sciences Association and the Australian Fishery Industry.
Bachelor of Psychological Science (Advanced)

CRICOS code: 09044N
Duration: 3 yrs full
Locations: Newcastle – Callaghan Central Coast
Indicative annual fee: 2022 $54,635
IELTS: 7.0 overall minimum - 6.5 IELTS section minimum - 6.0
Intake: S1

What you will study
You can combine a mix of majors and electives to suit your study direction. You can choose to study in areas such as:

• Dendrology and Forestry
• Zoology
• Entomology
• Environmental Science
• Genetics

Professional recognition
This degree is accredited by the Australian Psychological Accrediting Council and approved by the Psychology Board of Australia. Students who go on to complete Honours will be eligible for provisional registration with the Psychology Board of Australia. Please note that after completion of the undergraduate degree, a further minimum of three years education and training is required to register as a psychologist in Australia.

Career opportunities/outcomes
Our graduates have excellent job prospects with 90% securing work soon after graduating. Some typical roles include:

• Environmental specialist
• Hydrogeologist
• Wildlife conservation biologist
• Science officer

Bachelor of Science

CRICOS code: 09069K
Duration: 3 yrs full
Locations: Newcastle – Callaghan Central Coast
Indicative annual fee: 2022 $56,635
IELTS: 7.0 overall minimum - 6.0 IELTS section minimum - 6.0
Intake: S1

What you will study
You can combine a mix of majors and electives to suit your study direction. You can choose to study in areas such as:

• Psychology
• Sociology
• Anthropology
• Criminology
• Social work

Professional recognition
This degree is accredited by the Psychology Board of Australia. Approval by the Psychology Board of Australia ensures that graduates meeting the criteria for accreditation are eligible for accreditation by the Psychology Board of Australia.

Career opportunities/outcomes
Our graduates have excellent job prospects with 90% securing work soon after graduating. Some typical roles include:

• Mediator
• Psychologist
• Marine Biologist
• Conservationist

Master of Business Psychology

CRICOS code: 010076Q
Duration: 2 yrs full
Locations: Newcastle – Callaghan Central Coast
Indicative annual fee: 2022 $55,825
IELTS: 7.0 overall minimum - 6.5 IELTS section minimum - 6.0
Intake: S1, S2, T1, T2, T3

What you will study
The Master of Business Psychology prepares graduates to enter the workplace with a unique skill set as experts in organisational psychology. The course aims to develop expertise in psychology in the workplace. The following areas of psychology are covered:

• Work-related psychology
• Organisational psychology
• Industrial psychology

Career opportunities/outcomes
Our graduates have excellent job prospects with 90% securing work soon after graduating. Some typical roles include:

• Statistician
• Mathematician
• Microbiologist
• Geologist

Master of Clinical Psychology

CRICOS code: 09060M
Duration: 2 yrs full
Locations: Newcastle – Callaghan Central Coast
Indicative annual fee: 2022 $54,625
IELTS: 7.0 overall minimum - 6.0 IELTS section minimum - 6.0
Intake: S1

What you will study
This program provides individuals with an introduction to professional and ethical practice, counselling and clinical interventions, clinical neuropsychology, and the clinical psychology of children, adults, and the elderly. Key areas of study include:

• Advanced pathology
• Psychobiology
• Child psychology
• Cognitive psychology

Career opportunities/outcomes
Our graduates have excellent job prospects with 90% securing work soon after graduating. Some typical roles include:

• Psychologist
• Educational psychologist
• Clinical psychologist

Master of Professional Psychology

CRICOS code: 09065A
Duration: 1 yr full
Locations: Newcastle – Callaghan Central Coast
Indicative annual fee: 2022 $53,425
IELTS: 7.0 overall minimum - 6.0 IELTS section minimum - 6.0
Intake: S1

What you will study
This program provides an introduction to professional and ethical practice, counselling and clinical interventions, clinical neuropsychology, and the clinical psychology of children, adults, and the elderly. Key areas of study include:

• Advanced pathology
• Psychobiology
• Child psychology
• Cognitive psychology

Career opportunities/outcomes
Our graduates have excellent job prospects with 90% securing work soon after graduating. Some typical roles include:

• Psychologist
• Educational psychologist
• Clinical psychologist

For a full list of degrees, combined degree options and programs offering end on honours see pages 52-66.
For a full list of degrees, combined degree options and programs offering end on honours see pages 52-66.
For a full list of degrees, combined degree options and programs offering end on honours see pages 52-66.
Higher degrees by research

The University of Newcastle is a research-intensive university. As a graduate researcher, you will be part of a dynamic community of renowned researchers, have access to some of the very best facilities and help make significant contributions to challenges that impact our world.

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 Engagement Priorities set the strategic direction for the University’s research excellence. They address the challenges our partners are committed to: tackling climate change; transforming industries; building a culture of regional entrepreneurship; improving the health and wellbeing of people here in our regions and around the world; educating future workforces; building stronger communities, and so much more.

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 180 Higher Degrees by Research for you to choose from.

Eligibility requirements
Scan for information on PhD and MPhil expectations and eligibility, including previous academic qualifications, English language proficiency requirements, time commitments and additional study information.

Scholarships
The University of Newcastle provides a wide range of generous scholarships to support students with a proven capacity for research.

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 Master of Philosophy programs we have over 180 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.

Eligibility requirements
View the eligibility requirements for a PhD or Master of Philosophy.

Scholarships
Find out about available scholarships.

View our Engagement Priorities.

View a full listing.
### Architecture, Building and Construction

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### Arts, Humanities and Social Sciences

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### KEY FOR INTAKES

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* Accelerated degree options available based on individual student backgrounds.

* This program is an Honours only program. Please visit the University website for admission requirements.

* End-on Honours is a separate and additional year of study following the completion of a bachelor degree. This is a very different experience to the earlier years of study. There are fewer formal classes and more individual work. Honours can be course work based, research based, or a combination of the two. Admission requirements for End-On Honours vary by program, but often require a minimum GPA.

* Depending upon admission qualification – duration of program will alter.

* Please visit the University website for admission requirements.

* Program commences in T3 2021. It will be available for T1, T2 and T3 in 2022.
## Communication and Creative Industries

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## Computing, Maths and Technology

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## Engineering

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Undergraduate and Postgraduate degrees

Accelerated degree options available based on individual student backgrounds.

### Engineering

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<td>$34,210</td>
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</tbody>
</table>

### KEY FOR INTAKES

- S1: Semester 1
- S2: Semester 2
- T1: Trimester 1
- T2: Trimester 2
- W: Winter

### KEY FOR LOCATIONS

- NC: Newcastle – City
- N: Newcastle – Callaghan
- CC: Central Coast – Ourimbah
- SG: Singapore

### KEY FOR LOCATIONS

- S1: Semester 1
- S2: Semester 2
- T1: Trimester 1
- T2: Trimester 2
- W: Winter

* 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.

* This indicative fee applies in Year 1, when full-time students undertake 80 units. In Years 2 and 3 full-time students undertake 100 units, so the cost is higher.
Undergraduate and Postgraduate degrees

<table>
<thead>
<tr>
<th>CRICOS</th>
<th>Duration (Years, semesters or trimesters)</th>
<th>Location</th>
<th>Intakes</th>
<th>IELTS</th>
<th>2022 Indicative Annual Fee A$</th>
<th>2023 Indicative Annual Fee A$</th>
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<tbody>
<tr>
<td>Bachelor of Biotechnology*</td>
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<td>N</td>
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<td>$45,625</td>
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</tbody>
</table>

KEY FOR LOCATIONS

NC: Newcastle – City
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S: Sydney
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SG: Singapore

KEY FOR INTAKES

S1: Semester 1
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T2: Trimester 2
T3: Trimester 3
W: Winter

* End-on Honours is a separate and additional year of study following the completion of a bachelor degree. This is a very different experience to the earlier years of study.

** End-On Honours vary by program, but often require a minimum GPA.

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.

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• A registered Notary Public

• For programs requiring work experience, a CV/resume and/or letters of work experience are recommended.

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• Evidence of English Proficiency
• Passport Biometric page
• For programs requiring work experience, a CV/resume and/or letters of work experience are recommended.

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* End-On Honours is a separate and additional year of study following the completion of a bachelor degree. This is a very different experience to the earlier years of study.
There are fewer formal classes and more individual work. Honours can be course work based, research based, or a combination of the two. Admission requirements for End-On Honours vary by program, but often require a minimum GPA.
Another successful cooking class for students living on campus. They learnt about budget cooking, food safety and nutrition. Thanks for having me! #UniNewcastle

Obviously the best looking bunch of people on their first night out as a family #thisisuonstudentliving

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