

Study Area

Engineering



THE UNIVERSITY OF
NEWCASTLE
AUSTRALIA



Sulman, Pakistan
Bachelor of Civil Engineering (Honours)

Why study with us

The role of an engineer is ever-changing. From building complex computer systems and influencing the infrastructure we use every day, to finding new ways to harness energy or even designing prosthetic limbs to help amputees – engineers play a critical role in overcoming the challenges our world faces. Challenges like food and water security, climate change, data protection and the increasing impact growing populations have on society. As a global leader in engineering higher education, including being ranked No. 13 in the world for Automation and Control Engineering, this is the place to develop world-changing solutions.



**GROUP
OF EIGHT
AUSTRALIA**

ENGINEERING
ASSOCIATE

Top 100

in the world - Civil and
Structural Engineering¹

No. 1

in Australia for Automation
and Control Engineering²



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

Bachelor of Chemical Engineering (Honours)	
CRICOS code	018788M
Duration	4 yrs FT
Locations	Newcastle – Callaghan
Indicative annual fee	2021 A\$38,005 2022 A\$38,955
IELTS	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
Intake	S1, S2
Practical experience	Opportunities available
Course overview	
Want to use mathematics, science and creativity to overcome challenges and find solutions? Chemical engineers help develop everyday products like toothpaste, chocolate, lipstick, paracetamol and petrol. You could work as part of a team developing high efficiency insulation products that improve heating and cooling. You could work on biofuel production in remote communities. You might work in the food industry. The possibilities are diverse and exciting.	

Bachelor of Civil Engineering (Honours)	
CRICOS code	018786B
Duration	4 yrs FT
Locations	Newcastle – Callaghan Singapore*
Indicative annual fee	2021 A\$38,304 2022 A\$39,262
IELTS	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
Intake	S1, S2
Practical experience	Opportunities available
Course overview	
Civil engineers are responsible for the physical infrastructure that enables modern societies to function. Buildings, highways and railways, tunnels, airports, power generation facilities and harbour facilities are all designed, built and managed by civil engineers. We educate our engineers to meet the global challenges of the future. With a Bachelor of Civil Engineering (Honours), you could engineer energy efficient buildings, or help develop sustainable and resilient infrastructure in developing countries.	

Bachelor of Electrical and Electronic Engineering (Honours)	
CRICOS code	092849M
Duration	4 yrs FT
Locations	Newcastle – Callaghan Singapore
Indicative annual fee	2021 A\$38,430 2022 A\$39,391
IELTS	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
Intake	S1, S2 – Callaghan T1, T2, T3 – Singapore
Practical experience	Opportunities available
Course overview	
Engineers solve problems and develop technology using 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, electrical 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

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

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

Professional recognition

Our degree is accredited through Engineers Australia and the Institution of Chemical Engineers (UK), meaning graduates have greater opportunities for international mobility.

Career opportunities/outcomes

Some typical positions include:

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

What you will study

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

- structural engineering
- water engineering
- geomechanics
- fluid dynamics
- civil engineering materials
- steel design

Professional recognition

Professional recognition through Engineers Australia qualifies you as a professional engineer, meaning graduates have greater opportunities for international mobility.

Career opportunities/outcomes

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

Some typical positions include:

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

Students have the option for further study with a Master of Professional Engineering (see page 95 of the International Prospectus).

What you will study

Take on real-world challenges through professional practice courses and diversify your skills with an elective pathway. Build critical technical and engineering skills in:

- electric energy systems and renewables
- electronics design
- embedded systems hardware and software
- communication systems and internet of things
- automation and feedback control systems

Professional recognition

Professional recognition through Engineers Australia means graduates will be qualified as professional engineers, meaning graduates have greater opportunities for international mobility.

Career opportunities/outcomes

Some typical positions include:

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

Students have the option for further study with a Master of Professional Engineering (see page 95 of the International Prospectus).



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.

* Please note that there is a separate program code for the Singapore offering of this program. Refer to the website for full details of the Singapore program.

Bachelor of Environmental Engineering (Honours)

CRICOS code	011012E
Duration	4 yrs FT
Locations	Newcastle – Callaghan
Indicative annual fee	2021 A\$38,876 2022 A\$39,848
IELTS	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
Intake	S1, S2
Practical experience	Opportunities available

Course overview

As an environmental engineer you may help rehabilitate land impacted by mining or work on the clean-up of an oil spill that threatens ecosystems. Applying your knowledge of chemistry, geomechanics, hydrology and land surface processes to find solutions to complex environmental problems. With a Bachelor of Environmental Engineering (Honours), you will be responsible for developing sustainable engineering practices that have a profound impact on health and quality of life – working with other specialists to optimise the use of resources and minimise long-term environmental impacts.

What you will study

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

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

Professional recognition

Professional recognition through Engineers Australia qualifies you as a professional engineer, meaning graduates have greater opportunities for international mobility

Career opportunities/outcomes

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

Some typical positions include:

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



See the website for more information about this degree.

Bachelor of Mechanical Engineering (Honours)

CRICOS code	018795A
Duration	4 yrs FT
Locations	Newcastle – Callaghan Singapore
Indicative annual fee	2021 A\$37,874 2022 A\$38,820
IELTS	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
Intake	S1, S2 – Callaghan T1, T2, T3 – Singapore
Practical experience	Opportunities available

Course overview

Mechanical engineers design, manufacture and optimise specialist machines and processes. They solve important problems using robotics, advanced materials, and the laws of energy generation and transmission. They work on everything from power plants, to air conditioners, aircraft engines and race cars. You could design self-driving farm machinery for ultra-efficient food production, or build revolutionary biomechanical solutions for people living with disability.

What you will study

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

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

Professional recognition

Professional recognition through Engineers Australia qualifies you as a professional engineer, meaning graduates have greater opportunities for international mobility.

Career opportunities/outcomes

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

Some typical positions include:

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

Students have the option for further study with a Master of Professional Engineering (see page 95 of the International Prospectus).



See the website for more information about this degree.

Bachelor of Mechatronics Engineering (Honours)

CRICOS code	032765A
Duration	4 yrs FT
Locations	Newcastle – Callaghan
Indicative annual fee	2021 A\$38,215 2022 A\$39,170
IELTS	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
Intake	S1, S2
Practical experience	Opportunities available

Course overview

The Bachelor of Mechatronics Engineering (Honours) focuses on the connection between electrical, computer and mechanical technologies that lead to new solutions to industrial problems. You might build robots or unmanned aircraft, design bionic implants or even energy harvesting equipment. Mechatronics engineers are involved in the technical design, automation and operational performance of the electromechanical systems used in industries such as defence, advanced manufacturing, mining and health.

What you will study

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

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

Professional recognition

Professional recognition through Engineers Australia qualifies you as a professional engineer, meaning graduates have greater opportunities for international mobility.

Career opportunities/outcomes

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

Some typical positions include:

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



See the website for more information about this degree.

Bachelor of Medical Engineering (Honours)	
CRICOS code	096509K
Duration	4 yrs FT
Locations	Newcastle – Callaghan
Indicative annual fee	2021 A\$38,882 2022 A\$39,854
IELTS	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
Intake	S1, S2
Practical experience	Opportunities available
Course overview	
A new and exciting discipline of engineering spanning medicine, biomedical science and engineering. Medical engineers seek to improve human health through the development and design of equipment, devices, computer systems and software. 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 metabolic disorders, remote diagnostics, and health care accessibility. Our graduates are uniquely placed to improve lives both locally and around the world.	

What you will study

Build critical medical and engineering skills through courses in:

- human pathophysiology
- engineering design
- programming and computing
- neurobiology
- fluid mechanics
- electronics design

Choose one of the following majors:

- Medical Biomechanics
- Medical Devices

Career opportunities/outcomes

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

- artificial organs
- diagnostic equipment
- dialysis equipment
- implantable devices
- prosthetic limbs
- rehabilitation systems
- radiotherapy equipment
- respirators and ventilators
- surgical devices



See the website for more information about this degree.

Bachelor of Renewable Energy Engineering (Honours)	
CRICOS code	099293G
Duration	4 yrs FT
Locations	Newcastle – Callaghan
Indicative annual fee	2021 A\$38,131 2022 A\$39,084
IELTS	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
Intake	S1, S2
Practical experience	Opportunities available
Course overview	
One of the biggest challenges we all face is the transition to a renewable energy economy. The success of this evolution depends on the creative solutions of a new generation of renewable energy engineers with specialised skills. This includes disciplines of chemical, electrical and mechanical engineering. This program will prepare you to work across the whole spectrum of technologies for renewable energy capture, conversion, storage, delivery and management. You will also choose courses in related areas of climate change policy, law and economics and environmental sciences.	

What you will study

Build critical technical skills in:

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

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

Professional recognition

This program has been granted provisional accreditation through Engineers Australia.

Career opportunities/outcomes

Career examples include:

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



See the website for more information about this degree.

Bachelor of Software Engineering (Honours)	
CRICOS code	021335C
Duration	4 yrs FT
Locations	Newcastle – Callaghan
Indicative annual fee	2021 A\$37,081 2022 A\$38,008
IELTS	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
Intake	S1, S2
Practical experience	Opportunities available
Course overview	
Software engineering is behind much of the everyday technology we take for granted – from our tablets, computer software and mobile phones through to digital televisions, computer games and online banking. With the Bachelor of Software Engineering (Honours) you might develop software for digital forensics analysis to help fight crime, or work in defence and combat cyber attacks. You could design wearable health management devices or write the software that powers e-commerce websites.	

What you will study

Build critical technical and engineering skills in:

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

Professional recognition

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

Career opportunities/outcomes

You could work in a wide range of industries such as defence and security, aerospace, computer games and entertainment as well as government and commerce.

Some typical positions include:

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



See the website for more information about this degree.

Bachelor of Surveying (Honours)

CRICOS code	077826K
Duration	4 yrs FT
Locations	Newcastle – Callaghan
Indicative annual fee	2021 A\$38,367 2022 A\$39,326
IELTS	IELTS overall minimum - 6.0 IELTS section minimum - 6.0
Intake	S1, S2
Practical experience	Opportunities available

Course overview

Surveyors specialise in the measurement, management, analysis and display of spatial information describing the Earth and its physical features. The work of surveyors knows no bounds and could see you play an important role both locally and globally. With the Bachelor of Surveying (Honours), you could be involved in projects like the preparation for building of a new tunnel, or mapping of flood areas for disaster preparedness. Your work as a surveyor could even see you involved in the prediction of earthquakes and surveying of the ocean floor.

What you will study

Become job-ready through professional practice courses and build critical technical and surveying skills in:

- geodesy
- photogrammetry and laser scanning
- industrial and cadastral surveying
- land and mining surveying
- satellite positioning
- spatial data systems and remote sensing
- modern surveying techniques and computations

Professional recognition

This degree program is accredited by the Council of Reciprocating Surveying Boards of Australia and New Zealand, and meets the requirements of the Board of Surveying and Spatial Information (BOSSI). This degree program is also accredited and recognised by the Land Surveyors Board, Malaysia.

Career opportunities/outcomes

Our graduates enjoy great job prospects with 91 per cent finding work within four months of completing their degree.

Some typical positions include:

- Engineering Surveyor
- Geographic Information Systems Specialist
- Geospatial Specialist
- Hydrographic Surveyor
- Registered Land Surveyor
- Registered Mine Surveyor

Students have the option for further study with a Master of Professional Engineering (see page 95 of the International Prospectus).



See the website for more information about this degree.

Master of Materials Science and Engineering

CRICOS code	0100265
Duration	2 yrs FT Accelerated options available
Locations	Newcastle – Callaghan
Indicative annual fee	2021 A\$41,995 2022 A\$43,045
IELTS	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
Intake	S1, S2
Practical experience	Opportunities available

Course overview

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

What you will study

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

Through this program you will deepen your skills in:

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

Career opportunities/outcomes

Career examples include:

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



See the website for more information about this degree.

Master of Professional Engineering (Civil)

CRICOS code	098283G
Duration	3 yrs FT Accelerated options available
Locations	Newcastle – Callaghan
Indicative annual fee	2021 A\$40,604 2022 A\$41,619
IELTS	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
Intake	S1, S2
Practical experience	Opportunities available

Course overview

This degree will help you develop the strategic and technical skills required to help build the physical infrastructure that enables our societies to thrive and grow. If you have a background in a related area, such as science or mathematics, the three-year MPE provides an opportunity to gain a professionally recognised qualification in engineering. For those with an engineering degree, you can apply for credit and take this program in accelerated mode (1-2 years) to gain professional recognition in Australia and advance your career.

What you will study

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

Professional recognition

This program has been granted provisional accreditation through Engineers Australia.

Career opportunities/outcomes

Civil engineers work for construction companies, consulting firms, project management companies, transport companies and governments. You could specialise in engineering, water, transport or geotechnical engineering.

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



See the website for more information about this degree.

Master of Professional Engineering (Electrical and Electronic)	
CRICOS code	098284F
Duration	3 yrs FT Accelerated options available
Locations	Newcastle – Callaghan
Indicative annual fee	2021 A\$41,916 2022 A\$42,964
IELTS	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
Intake	S1, S2
Practical experience	Opportunities available
Course overview	
Gain advanced capabilities in emerging electrical engineering technologies, which are currently transforming modern society. Diversify your skills base in an area such as business and management, entrepreneurship or design. Be globally recognised – we are ranked at No.13 in the World and No.1 in Australia for Automation and Control*. If you have a background in a related area, such as science or mathematics, the three-year MPE provides an opportunity to gain a professionally recognised qualification in engineering. For those with an engineering degree, you can apply for credit and take this program in accelerated mode (1-2 years) to gain professional recognition in Australia and advance your career.	

What you will study

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

Professional recognition

This program has been granted provisional accreditation through Engineers Australia.

Career opportunities/outcomes

Electrical engineers are employed in utilities, industry, manufacturing, consulting services and electronic design and development. You could specialise in electronics engineering, automation and control, robotics or power generation and distribution.

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



See the website for more information about this degree.

Master of Professional Engineering (Geospatial Engineering and Surveying)	
CRICOS code	092850G
Duration	2 yrs FT Accelerated options available
Locations	Newcastle – Callaghan
Indicative annual fee	2021 A\$40,950 2022 A\$41,974
IELTS	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
Intake	S1, S2
Practical experience	Opportunities available
Course overview	
If you are looking to start or advance your career in the field of surveying and spatial information, the Master of Professional Engineering (Geospatial Engineering and Surveying) at the University of Newcastle will help you develop management expertise, specialise and deepen your technical skills and be ready to lead projects and move into more senior roles. Those with a recognised degree in a area can apply for credit and take this program in accelerated mode to advance their career.	

What you will study

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

Career opportunities/outcomes

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



See the website for more information about this degree.

Master of Professional Engineering (Mechanical)	
CRICOS code	098285E
Duration	3 yrs FT Accelerated options available
Locations	Newcastle – Callaghan
Indicative annual fee	2021 A\$41,816 2022 A\$42,862
IELTS	IELTS overall minimum - 6.5 IELTS section minimum - 6.0
Intake	S1, S2
Practical experience	Opportunities available
Course overview	
Diversify your career with this degree. Specialise your technical skills and develop the professional attributes to provide innovative solutions to society's needs now and into the future. You will gain project management and complex problem-solving skills and learn how to apply design thinking and systems engineering principles. If you have a background in a related area, such as science or mathematics, the three-year MPE provides an opportunity to gain a professionally recognised qualification in engineering. For those with an engineering degree, you can apply for credit and take this program in accelerated mode (1-2 years) to gain professional recognition in Australia and advance your career.	

What you will study

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

Professional recognition

This program has been granted provisional accreditation through Engineers Australia.

Career opportunities/outcomes

Almost all industries need mechanical engineers. They work in medical, transport, automotive, aerospace, electronics, and mining industries, and in growth sectors like renewable energy, robotics, automation and advanced manufacturing.

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



See the website for more information about this degree.

	CRICOS	Duration (Years, semesters or trimesters)	Location	Intakes	IELTS Overall Minimum/ Section Minimum	2021 Indicative Annual Fee A\$ [^]	2022 Indicative Annual Fee A\$ [^]
Bachelor of Chemical Engineering (Honours)	018788M	4	N	S1, S2	6.0/6.0	\$38,005	\$38,955
Bachelor of Chemical Engineering (Honours)/Bachelor of Business	093505E	5	N	S1	6.0/6.0	\$35,978	\$36,877
Bachelor of Chemical Engineering (Honours)/Bachelor of Mathematics	088924F	5	N	S1	6.0/6.0	\$37,254	\$38,185
Bachelor of Civil Engineering (Honours)	018786B	4	N SG	S1, S2 S2	6.0/6.0	\$38,304	\$39,262
Bachelor of Civil Engineering (Honours)/Bachelor of Business	093506D	5	N	S1	6.0/6.0	\$35,831	\$36,727
Bachelor of Civil Engineering (Honours)/Bachelor of Environmental Engineering (Honours)	088926D	5	N	S1	6.0/6.0	\$38,861	\$39,833
Bachelor of Civil Engineering (Honours)/Bachelor of Mathematics	088938M	5	N	S1	6.0/6.0	\$37,154	\$38,083
Bachelor of Civil Engineering (Honours)/Bachelor of Surveying (Honours)	088923G	5	N	S1	6.0/6.0	\$38,430	\$39,391
Bachelor of Computer Systems Engineering (Honours)	092848A	4	N	S1, S2	6.0/6.0	\$38,220	\$39,176
Bachelor of Computer Systems Engineering (Honours)/Bachelor of Computer Science	088927C	5	N	S1	6.0/6.0	\$37,622	\$38,562
Bachelor of Computer Systems Engineering (Honours)/Bachelor of Mathematics	088928B	5	N	S1	6.0/6.0	\$37,170	\$38,099
Bachelor of Electrical and Electronic Engineering (Honours)	092849M	4	N SG	S1, S2 T1, T2, T3	6.0/6.0	\$38,430	\$39,391
Bachelor of Electrical and Electronic Engineering (Honours)/ Bachelor of Business	093507C	5	N	S1	6.0/6.0	\$35,564	\$36,453
Bachelor of Electrical and Electronic Engineering (Honours)/ Bachelor of Computer Systems Engineering (Honours)	093503G	5	N	S1	6.0/6.0	\$38,399	\$39,358
Bachelor of Electrical and Electronic Engineering (Honours)/Bachelor of Mathematics	088931G	5	N	S1	6.0/6.0	\$37,333	\$38,266
Bachelor of Environmental Engineering (Honours)	011012E	4	N	S1, S2	6.0/6.0	\$38,876	\$39,848
Bachelor of Mechanical Engineering (Honours)	018795A	4	N SG	S1, S2 T1, T2, T3	6.0/6.0	\$37,874	\$38,820
Bachelor of Mechanical Engineering (Honours)/Bachelor of Business	093508B	5	N	S1	6.0/6.0	\$35,884	\$36,781
Bachelor of Mechanical Engineering (Honours)/Bachelor of Mathematics	088937A	5	N	S1	6.0/6.0	\$37,317	\$38,250
Bachelor of Mechanical Engineering (Honours)/Bachelor of Mechatronics Engineering (Honours)	088934D	5	N	S1	6.0/6.0	\$38,535	\$39,498
Bachelor of Mechatronics Engineering (Honours)	032765A	4	N	S1, S2	6.0/6.0	\$38,215	\$39,170
Bachelor of Mechatronics Engineering (Honours)/Bachelor of Electrical and Electronic Engineering (Honours)	093504F	5	N	S1	6.0/6.0	\$38,493	\$39,455

KEY FOR LOCATIONS

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

KEY FOR INTAKES

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

	CRICOS	Duration (Years, semesters or trimesters)	Location	Intakes	IELTS Overall Minimum/ Section Minimum	2021 Indicative Annual Fee A\$ [^]	2022 Indicative Annual Fee A\$ [^]
Engineering							
Bachelor of Mechatronics Engineering (Honours)/Bachelor of Mathematics	088936B	5	N	S1	6.0/6.0	\$36,824	\$37,744
Bachelor of Medical Engineering (Honours)	096509K	4	N	S1, S2	6.0/6.0	\$38,882	\$39,854
Bachelor of Renewable Energy Engineering (Honours)	099293G	4	N	S1, S2	6.0/6.0	\$38,131	\$39,084
Bachelor of Software Engineering (Honours)	021335C	4	N	S1, S2	6.0/6.0	\$37,081	\$38,008
Bachelor of Surveying (Honours)	077826K	4	N	S1, S2	6.0/6.0	\$38,367	\$39,326
Bachelor of Surveying (Honours)/Bachelor of Business	093510G	5	N	S1	6.0/6.0	\$35,747	\$36,641
Master of Materials Science and Engineering	0100265	4 semesters	N	S1, S2	6.5/ 6.0	\$41,995	\$43,045
Master of Professional Engineering (Civil) #	098283G	6 semesters	N	S1, S2	6.5/ 6.0	\$40,604	\$41,619
Master of Professional Engineering (Electrical and Electronic) #	098284F	6 semesters	N	S1, S2	6.5/ 6.0	\$41,916	\$42,964
Master of Professional Engineering (Geospatial Engineering and Surveying) #	092850G	4 semesters	N	S1, S2	6.5 /6.0	\$40,950	\$41,974
Master of Professional Engineering (Mechanical) #	098285E	6 semesters	N	S1, S2	6.5/ 6.0	\$41,816	\$42,862

KEY FOR LOCATIONS

NC Newcastle – City

N Newcastle – Callaghan

CC Central Coast – Ourimbah

S Sydney

SG Singapore

KEY FOR INTAKES

S1 Semester 1

S2 Semester 2

T1 Trimester 1

T2 Trimester 2

T3 Trimester 3

W Winter

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Callaghan NSW 2308

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55 Elizabeth Street,
Sydney NSW 2000

Newcastle City Campus

NUspace
Corner Hunter and Auckland Streets,
Newcastle NSW 2300

Singapore Campus

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

Central Coast Campus

Ourimbah
Chittaway Road,
Ourimbah NSW 2258



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