

PATHWAYS TO

THE UNIVERSITY OF NEWCASTLE

INTERNATIONAL STUDENT GUIDE 2020

FIND
YOUR
FUTURE



THE UNIVERSITY OF
NEWCASTLE
AUSTRALIA



WELCOME

Welcome to Newcastle. Whether you're already a student of the Newcastle International College (NIC), or considering your study options, on behalf of the University of Newcastle I warmly welcome you to our campus and our city.



The University of Newcastle stands as a global leader, distinguished by a commitment to equity and excellence, and to creating a better future through a focus on innovation and impact. We are proud to be ranked 214th in the world by QS World University Rankings (2019), and we put our people at the heart of everything we do.

We work closely with NIC to provide quality education programs, ensuring NIC graduates are well prepared for further studies, and have the skills and knowledge they need for future academic success.

During your time on campus you will have access to our exceptional facilities and services such as our libraries, and our International Student Support Librarian. Our world-class libraries provide access to more than 650,000 eBooks, over 80,000 electronic journal databases and more than a million physical items. You will also have the added benefits of personalised teaching, small class sizes and support from the NIC team.

Our University has more than 37,000 students from 114 countries, providing a vibrant and dynamic experience that combines a world-class academic environment with opportunities to engage in cultural, social and sporting activities.

We hope that you progress well with your foundational studies at NIC, and join the University to continue your education. Teaching and learning here is a transformative experience – exciting, innovative, and underpinned by scholarly rigour. There are endless opportunities available to our graduates, both here in Newcastle and around the world. Good luck.

Alex Zelinsky AO
Vice-Chancellor and President
The University of Newcastle

TRIMESTER DATES

	Orientation	Classes start	Classes end	Exam period	Trimester break
Trimester 3 2019	16-18 October 2019	21 October 2019	31 January 2020	29 January - 2 February 2020	8 February - 1 March 2020
Trimester 1 2020	17-19 February 2020	24 February 2020	22 May 2020	24 - 29 May 2020	1 - 19 June 2020
Trimester 2 2020	15-17 June 2020	22 June 2020	18 September 2020	21-25 September 2020	25 September -16 October 2020
Trimester 3 2020	13 -15 October 2020	19 October 2020	29 January 2021	1 - 5 February 2021	8 - 28 February 2021

FOUNDATION FOR MEDICINE SEMESTER DATES

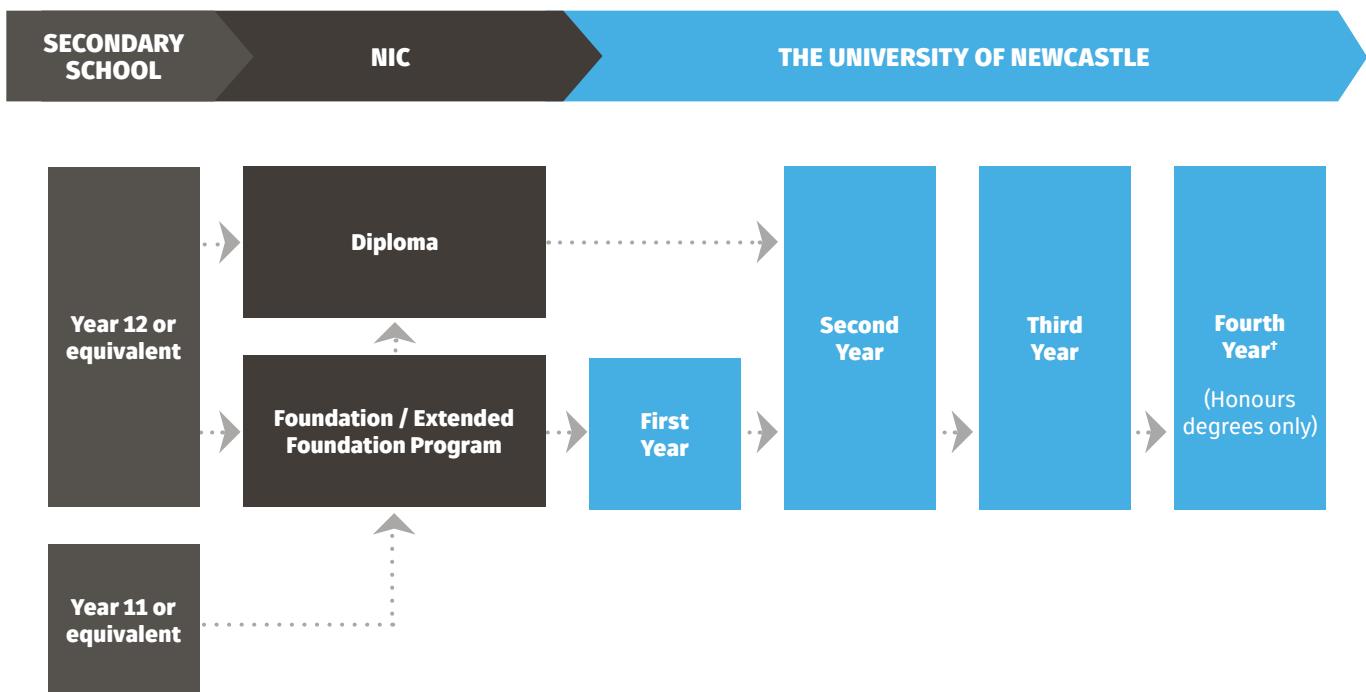
	Orientation	Classes start	Classes end	Exam period	Trimester break
Semester 1 2020	2nd April 2020	6 April 2020	10 July 2020	13-17 July 2020	20 July - 7 August 2020
Semester 2 2020	N/A	10 August 2020	13 November 2020	16-20 November 2020	20 November onwards



YOUR PATHWAY TO A DEGREE

Newcastle International College (NIC) offers the closest alternative to direct entry to an undergraduate degree at the University of Newcastle. We successfully bridge the academic gap for international students, working closely with the University to provide high-quality courses on the Callaghan campus. NIC can help students achieve their goals of earning a degree from a highly regarded Australian university.

YOUR PATHWAY TO THE UNIVERSITY OF NEWCASTLE



[†] Double degrees and Medical degrees are completed in 5 years



REALISE YOUR POTENTIAL

The University of Newcastle prepares students for a successful career on the global stage. Our pioneering teaching methods and hands-on approach to learning produce some of the most sought-after graduates in Australia.

WHY CHOOSE THE UNIVERSITY OF NEWCASTLE?



RANKED
207

of the world's
universities*



TOP
200

10 UON disciplines
ranked in the top 200
in the world**

37,035
students
from 115 nations



5 STARS maximum
rating for overall
social equity, student
retention, overall
experience and
learning resources[§]

* QS World University Rankings 2020

** QS World University Rankings by Subject 2018

[§] Good Universities Guide, 2018

STUDENT EXPERIENCES

Here's a look at what some of our students have to say about NIC and life in Newcastle.



JASMEEN, INDIA

"I choose NIC and the University of Newcastle as Bachelor of Nursing is ranked in the top 150 nursing degrees in the world."



QYTO, KENYA

"I love the beaches and how relaxed the city is, everyone is always eager to help out. The University is so relaxed and a great place to study because it's surrounded by all this nature which gets you in a great head space whenever you're feeling stressed or just need a break."



CHIN, MALAYSIA

"I love to study in a surrounding where there are less distractions and away from the busy city. The staff and people here are very helpful and friendly. The university's facilities and services are convenient and accessible for me. I LOVE the beaches and good coffee in Newcastle so definitely go check out the cafes along Darby Street!"



JOSEPH, PHILIPPINES

"The University of Newcastle is a community of diverse learners. It provides a truly world-class brand of education—courses that are responsive to the future of work. What makes UON more amazing is its commitment in helping its members make a difference in their respective fields."



OLLIE, NIGERIA

"Accommodation is cheap here compared to Sydney; you can get a nice big room for less than \$150 per week. Also Newcastle is less populated compared to cities like Sydney and Melbourne with less traffic. Public transport here is top-notch especially the new tram in the city centre. Newcastle is a great city for university."



IBRAHIM, SAUDI ARABIA

"I'm so glad I came to Newcastle as I was initially planning on either Melbourne or Sydney. The campus here is really unique. It's huge and very green, which makes studying relaxing. I love how the ocean is only 15 minutes away by car or bus."



YOUR LIFE IN NEWCASTLE

It's an exciting time to live in Newcastle; Australia's second oldest city and second largest in New South Wales. In the midst of extensive urban renewal, Newcastle boasts the convenience of a smaller sized city without losing any of the benefits or vibrance of Australia's state capitals. Newcastle is the biggest city in the Hunter Region, home to more than 120 wineries, gourmet restaurants, spa retreats and concerts in the vineyards.

THINGS TO DO AND SEE

Newcastle's generous parkland and prime beachside location make it a favourite for festivals, concerts, markets, and more. There's always something to do and you never know when you might stumble upon an exciting event.

- Kilometres of pristine beaches attracting swimmers, bathers and surfers. Newcastle is home to the biggest saltwater baths in the Southern Hemisphere.
- Honeysuckle, Newcastle's harbourside dining and entertainment precinct, a great spot for hosting the city's many celebrations.
- Darby Street, Beaumont Street, and Hunter Street for international dining, boutique shopping, or a gourmet coffee fix.
- The Hunter Valley, one of Australia's leading wine regions, an easy day trip for those who love cheese, wine, and chocolate.
- Blackbutt Reserve for your chance to see native animals like kangaroos, koalas, and wombats in a natural habitat. Entry is free.

CLIMATE

Newcastle enjoys a subtropical climate, with long, warm summers and mild winters.

Season	Period	Average daily high
Summer	December to February	28°C
Autumn	March to May	23°C
Winter	June to August	18°C
Spring	September to November	24°C



Ranked best climate of any city in Australia*

*The Property Council of Australia



FAST FACTS ABOUT NEWCASTLE

POPULATION
Over 550,000

TIME ZONE
GMT/UTC +10

CURRENCY
Australian Dollar (\$)

STATE
New South Wales (NSW)



VISITNEWCASTLE.COM.AU



PREPARING YOU FOR SUCCESS AT UNIVERSITY

Newcastle International College (NIC) offers international students a clear pathway to an undergraduate degree at the University of Newcastle. Study with us to enjoy a lower cost of living and vibrant coastal lifestyle while working towards a degree from one of Australia's top universities.

YOUR ADVANTAGES

FAST TRACK

NIC's programs can take students directly into year 1 or year 2 of a bachelor's degree at the University of Newcastle and can be completed in either two or three trimesters..

PACKAGED OFFER

A packaged offer allows students to obtain a single student visa covering the duration of their undergraduate studies.

SMALL CLASS SIZES

More one-on-one time with lecturers and ongoing academic support for students.

VALUE FOR MONEY

NIC programs are competitively priced, and the cost of living in Newcastle is lower than that of Australian capital cities.

MODERN FACILITIES

NIC is in the heart of the University's Callaghan campus, with Wi-Fi and advanced teaching equipment in the classrooms, as well as easy access to computer labs, printing, and online study materials.

NIC PROGRAMS

NIC has a number of flexible programs to suit every student. There are three intakes each year: February, June, and October.

FOUNDATION PROGRAM (FP)

This is a pre-university program designed for progression into the first year of a bachelor's degree at the University of Newcastle or an NIC Diploma. Duration is three trimesters (standard track) or two trimesters (fast track).

EXTENDED FOUNDATION PROGRAM

This program is designed for students who have an IELTS (or equivalent) overall score of 5.0* and wish to commence studies in an academic environment. Students in the Extended FP will undertake one additional trimester of study. Duration is four trimesters (standard track) or three trimesters (fast track).

FOUNDATION PROGRAM FOR MEDICINE (FPM)

On successful completion of this program, students may be considered for entry to the Bachelor of Medical Science and Doctor of Medicine degree. (Note: this is a special two-semester option commencing in April only.) Please refer to Page 12 for more information.

DIPLOMA PROGRAMS

NIC's specialised Diploma programs consist of eight academic courses and are equivalent to the first year of a bachelor's degree at the University of Newcastle. Successful completion of a Diploma program allows students to progress into the second year of an undergraduate degree. Available Diploma pathways:

- Diploma of Business and Commerce
- Diploma of Engineering
- Diploma of Information Technology
- Diploma of Media and Communication

PROVISIONAL ENTRY PROGRAM (PEP)

Students who qualify academically for a Diploma but have an IELTS of 5.5 can begin studies in the Diploma + PEP, and will enrol in a Communication and Literacy course focusing on academic literacy and study skills. This module is additional to the standard eight courses and is completed concurrently during the first trimester of study.

* Health science programs require an IELTS overall score of 5.5 for the Extended Foundation, and 6.0 for the Standard Foundation Program.

FOUNDATION PROGRAM

DURATION: Two or three trimesters

CRICOS CODE: 089333K

2019 FEE: A\$22,000 **2020 FEE:** A\$23,000

NIC delivers a pre-university program for students seeking entry to a bachelor's degree. Successful completion of the Foundation Program (FP) enables students to enter an NIC Diploma, or qualify for direct entry to the first year of a range of bachelor's degrees offered by the university. Progression rules apply, including some programs subject to a quota.

PROGRESSION RULE TO NIC DIPLOMA

An average mark of 50 percent and a passing grade in FCOM201 Academic Communication Skills II.

PROGRESSION RULE TO BACHELOR'S DEGREES

Admission to undergraduate programs is dependent upon students achieving the required average mark, a passing grade in FCOM201 Academic Communication Skills II and satisfying any other conditions listed for that program.

The average mark is calculated from the average of all eight courses attempted during a full year of the FP and is expressed as a percentage.

Students will be required to complete a total of eight courses: four core courses, at least one stream (specialisation) course and the balance with elective courses.

CORE COURSES (COMPULSORY)

- FCOM200 Academic Communication Skills I
- FCOM201 Academic Communication Skills II
- FICS001 Intercultural Studies
- FINT001 Information Technology

ELECTIVE STREAMS

Business, Law and Commerce (courses may include)

- FBUS100 Accounting • FBUS110 Legal Studies
- FBUS103 Economics • FCOM100 Information Design
- FBUS104 Mathematics
- FBUS105 Statistics

Education and Arts (courses may include)

- FBUS103 Economics • FCOM100 Information Design
- FBUS104 Mathematics
- FBUS105 Statistics • FMTH1010 Essential Mathematics
- FBUS110 Legal Studies
- FCOM106 Creative Cultures

Engineering, Science and Information Technology

(courses may include)

- FBIO001 Biology • FMTH001 Advanced Mathematics I
- FCOM100 Information Design • FMTH002 Advanced Mathematics II
- FCOM101 Programming
- FHBI001 Human Biology

Health Science[§] (courses may include)

- FBIO001 Biology • FHBI001 Human Biology
- FBUS105 Statistics • FSCN100 Health Science

AVERAGE MARK REQUIREMENTS IN FOUNDATION PROGRAM FOR PROGRESSION TO BACHELOR DEGREES*

Business, IT and Law

- Bachelor of Business **62**
- Bachelor of Commerce **65**

Education and Arts

- Bachelor of Arts **62**
- Bachelor of Creative Industries **62**
- Bachelor of Communication **62**
- Bachelor of Education (Early Childhood and Primary) **62**
- Bachelor of Education (Primary) **62**
- Bachelor of Education (Secondary) **62**
- Bachelor of Music **55** (audition required)
- Bachelor of Social Work (Honours) **70**
- Bachelor of Speech Pathology (Honours) **78**
- Bachelor of Theology **55**
- Bachelor of Visual Communication Design **65**

Engineering, Science and Information Technology

- Bachelor of Biotechnology **65**
- Bachelor of Computer Science **78**
- Bachelor of Construction Management (Building) (Honours) **62**
- Bachelor of Civil Engineering (Honours) **80**
- Bachelor of Electrical and Electronic Engineering (Honours) **80**
- Bachelor of Mechanical Engineering (Honours) **80**
- Bachelor of Mechatronics Engineering (Honours) **80**
- Bachelor of Chemical Engineering (Honours) **80**
- Bachelor of Renewable Energy Engineering (Honours) **80**
- Bachelor of Surveying (Honours) **80**
- Bachelor of Food Science and Human Nutrition **62**
- Bachelor of Information Technology **62**
- Bachelor of Medical Engineering (Honours) **70**
- Bachelor of Science **62**

Health Sciences

- Bachelor of Biomedical Science **78**
- Bachelor of Medical Radiation Science (Diagnostic Radiography)[†] **90**
- Bachelor of Medical Radiation Science (Nuclear Medicine)[†] **78**
- Bachelor of Medical Radiation Science (Radiation Therapy)[†] **78**
- Bachelor of Nursing **70**
- Bachelor of Nutrition and Dietetics (Honours)[†] **84**
- Bachelor of Occupational Therapy (Honours)[†] **84**
- Bachelor of Oral Health Therapy[†] **84**
- Bachelor of Pharmacy (Honours)[†] **84**
- Bachelor of Podiatry[†] **78**
- Bachelor of Physiotherapy (Honours)[†] **90**

*Bachelor degrees and average marks represented are subject to change and are correct at the time of publishing. Please refer to newcastle.edu.au/degrees.

[†] Selected bachelor programs offered by the university's Faculty of Health and Medicine are subject to a quota.[§] Students choosing a health science-related degree will require an IELTS of 6.0 (with no band less than 5.5) prior to commencement of the Foundation Program.

EXTENDED FOUNDATION PROGRAM

DURATION: Three or four trimesters

CRICOS CODE: 089334J

2019 FEE: A\$26,440 **2020 FEE:** A\$27,550

EXTENDED FOUNDATION NIC offers an Extended Foundation Program (FP) for students who have an IELTS (or equivalent) overall score of 5.0*. Students in the extended program will undertake one additional trimester of study consisting of four core courses. Successful completion of this trimester is followed by commencement of eight standard FP courses.

FOUNDATION PROGRAM FOR MEDICINE

DURATION: Two semesters (April start only)

CRICOS CODE: 089335G

2019 FEE: A\$27,120 **2020 FEE:** A\$27,120

NIC delivers a unique pathway for students seeking entry to the University of Newcastle's Bachelor of Medical Science and Doctor of Medicine degree. The Foundation Program for Medicine (FPM) is taught as a two-semester program. Approximately 25 students are accepted into this program each year, and it is taught as its own separate class. Students will develop additional preparatory skills as part of their studies, such as an introduction to problem-based learning.

SPECIAL ENGLISH LANGUAGE REQUIREMENTS

To be eligible for the FPM, students will be required to demonstrate the English proficiency requirement of an IELTS of 6.0 (with no individual band less than 5.5) or equivalent.

PROGRESSION RULES TO YEAR ONE OF THE BACHELOR OF MEDICAL SCIENCE AND DOCTOR OF MEDICINE

A minimum of four places in the Bachelor of Medical Science and Doctor of Medicine (Joint Medical Program) program are available each year through the FPM pathway. Subsequent admission to the Bachelor of Medical Science and Doctor of Medicine requires student to:

- pass all eight courses in the FPM with an average mark of 90%, and
- satisfy the Bachelor of Medical Science and Doctor of Medicine (Joint Medical Program) Multiple Skills Assessment and online psychometric test (Personal Qualities Assessment).

Admission is not guaranteed and is based on competitive selection.

EXCLUSIVE TO NIC



Students will be required to complete eight courses:

- FBIO001 Biology
- FBUS105 Statistics
- FCOM200 Academic Communication Skills I
- FCOM201 Academic Communication Skills II
- FHBI001 Human Biology
- FICS001 Intercultural Studies
- FINT001 Information Technology
- FSCN100 Health Science

ADDITIONAL INFORMATION

For specific information regarding additional conditions for enrolment please visit nic.nsw.edu.au/programs

ACADEMIC REQUIREMENTS

Country	Foundation Program for Medicine
Australia	Successful completion of year 12 or the Higher School Certificate and achieving a minimum average of 70% or above. Or ATAR of 80 and above.
China	Senior Middle 3 with an average of 80% across 4 academic subjects
Hong Kong	HKDSE total score of 12 points across 4 academic subjects (Category A). The English paper is not included in this calculation.
International Baccalaureate	28 Points or higher
Japan	Upper Secondary School Equivalency Examination with a GPA of 3.5 out of 5.0 and above.
Korea	High school graduation with average Rank 4 or less in 4 academic subjects
Malaysia	SPM/O Levels with an A average across 5 academic subjects
Mauritius	IGSEs with an A Average/aggregate score of 32 across 5 academic subjects or A Levels with B average
Pakistan	Cambridge O Levels with an A average across 5 academic subjects
Singapore	Singapore/Cambridge O Levels with an A average across 5 academic subjects / satisfactory score based on the best 3 H2 A level subjects.
Thailand	Matayom 6 with a GPA of 3.0 or higher
UK	GCSEs with an A Average/aggregate score of 32 and above over 5 academic subjects or A Levels with a B average
USA	High School Diploma with a GPA of 3.0 or higher
Vietnam	Diploma of General Education with an average grade of 8
Zimbabwe	A Levels with a minimum B average across the best 3 academic subjects.

All applications from other countries considered on a case by case basis.

DIPLOMA OF BUSINESS AND COMMERCE

DURATION: Two or three trimesters

CRICOS CODE: 074637F

2019 FEE: A\$25,040 **2020 FEE:** A\$25,040

PROVISIONAL ENTRY PROGRAM FEE: A\$29,590

The Diploma of Business and Commerce prepares students for second-year degree study in many areas within the business and commerce disciplines. These studies open doors across a wide range of industries and professions. Graduates of the Diploma of Business and Commerce will be among the first students to study at the University of Newcastle's new \$95 Million Business School. A shuttle bus will operate to and from the main Callaghan campus.

This program helps students develop job-ready skills like critical thinking, creative problem solving, and teamwork. Students can take advantage of the university's strong connections with the local business community and understand global citizenship by engaging with international case studies and cross-cultural learning.

POSSIBLE EMPLOYMENT AND CAREER OPTIONS

Accounting, banking and finance, business consulting, finance and securities analysis, foreign relations, human resource management, investment management, marketing, taxation economics and more.

With a growing need for graduates in these areas, degrees in business and commerce provide exciting opportunities for students.

Progression rule to bachelor's degree

Minimum 50 percent pass in all courses

COURSES

Select eight courses comprising the following core and specified courses:

Core courses (Business and Commerce)

- NICACFI1001 Accounting for Decision Makers
- NICACFI1003 Introduction to Finance
- NICECON1001 Microeconomics for Business Decisions
- NICECON1002 Macroeconomics in the Global Economy
- NICLEGL1001 Foundations of Law
- NICMNGT1001 Introduction to Management
- NICSTAT1060 Business Decision Making

SPECIFIED COURSES

Courses must also be selected for the chosen specialisation:

Business

- NICMKTG1001 Foundations of Marketing

Commerce

- NICACFI1002 Accounting Practice



SECOND YEAR ENTRY TO THE UNIVERSITY OF NEWCASTLE

• Bachelor of Business

Majoring in: Entrepreneurship and Innovation; Governance, Policy and Political Economy; Human Resource Management; International Business; Leadership and Management; Marketing; Sports Management; Tourism Management

• Bachelor of Commerce

Majoring in: Accounting; Economics; Finance

• Bachelor of Business / Bachelor of Innovation and Entrepreneurship

• Bachelor of Commerce / Bachelor of Innovation and Entrepreneurship

PROFESSIONAL RECOGNITION

University of Newcastle graduates can apply for professional memberships with a wide variety of organisations such as:

- Australian Human Resource Institute (AHRI)
- Australian Marketing Institute (AMI)
- Australian Society of Certified Practising Accountants (CPA Australia)
- Australian Securities and Investment Commission (ASIC)
- Institute of Chartered Accountants in Australia (ICAA)

DIPLOMA OF ENGINEERING

DURATION: Two or three trimesters

CRICOS CODE: 074638E

2019 FEE: A\$29,720 **2020 FEE:** A\$29,720

PROVISIONAL ENTRY PROGRAM FEE - A\$34,270

The University of Newcastle's engineering programs offer excellent job prospects by producing industry-ready engineers. Studies focus on academic and professional training to prepare students for the real world. Each degree requires students to seek a minimum of 12 weeks of industrial experience relating to their area of specialisation.

POSSIBLE EMPLOYMENT AND CAREER OPTIONS

Engineering graduates will have access to employment opportunities in a wide range of areas, including: biomedical instrumentation, computer engineering systems, defence, design and construction, industrial automation, infrastructure development, mining, manufacturing, power generation, robotics, systems management and telecommunications. Surveying graduates will be able to seek opportunities in environmental management, hydraulic studies, mapping and photogrammetry, satellite imagery and surveying, and spatial data systems.

Progression rule to bachelor's degree

Minimum 50 percent pass across eight courses

COURSES

Select eight courses comprising the following core and specified courses:

Core courses (all specialisations)

- MATH1110 Mathematics for Engineering Science and Technology 1
- MATH1120 Mathematics for Engineering Science and Technology 2
- ENGG1500 Introduction to Professional Engineering

SPECIFIED COURSES

plus five courses for the chosen specialisation:

Civil Engineering, Surveying

- CIVL1100 Fundamentals of Engineering Mechanics
- ENGG1002 Introduction to Engineering Computations
- PHYS1210 Advanced Physics 1
- SURV1200 Introduction to Surveying
- CIVL1200 Earth Systems

Electrical and Electronic Engineering/Computer Systems

- ELEC1710 Digital and Computer Electronics 1
- ELEC1310 Introduction to Electrical Engineering
- ENGG1003 Introduction to Procedural Programming
- PHYS1210 Advanced Physics 1
- PHYS1220 Advanced Physics 2

Mechanical and Mechatronics Engineering

- MECH1110 Mechanical Drawing/CAD and Workshop Practice
- ELEC1310 Introduction to Electrical Engineering
- CIVL1100 Fundamentals of Engineering Mechanics
- ENGG1003 Introduction to Procedural Programming
- PHYS1210 Advanced Physics 1



SECOND YEAR ENTRY TO THE UNIVERSITY OF NEWCASTLE

- Bachelor of Civil Engineering (Honours)
- Bachelor of Computer Systems Engineering (Honours)
- Bachelor of Electrical and Electronic Engineering (Honours)
- Bachelor of Mechanical Engineering (Honours)
- Bachelor of Mechatronics Engineering (Honours)
- Bachelor of Surveying (Honours)

PROFESSIONAL RECOGNITION

The University of Newcastle's engineering degrees are accredited by Engineers Australia and other affiliated bodies.

The Bachelor of Engineering (Honours) (Surveying) is recognised by the Board of Surveying and Spatial Information of NSW and the reciprocating boards of surveyors in Australia and New Zealand. This qualification can lead to registration through Australia and New Zealand. On completion of the degree students are entitled to membership of the Institution of Surveyors, NSW and its affiliated organisations.

DIPLOMA OF INFORMATION TECHNOLOGY

DURATION: Two or three trimesters
CRICOS CODE: 074639D
2019 FEE: A\$28,560 **2020 FEE:** A\$29,720
PROVISIONAL ENTRY PROGRAM FEE - A\$34,270

The Diploma of Information Technology enables students to choose from a number of major areas of study, from building commercial applications to creating digital media for entertainment or gaming.

During their IT studies, students work on industry-relevant projects and case studies involving digital media and e-commerce systems. Students learn the principles of excellent design and the technologies behind modern interfaces.

POSSIBLE EMPLOYMENT AND CAREER OPTIONS

Graduates of the Bachelor of Information Technology from the University of Newcastle are employed in: animation and effects coordination, business analysis, database administration, healthcare, help desk and network support, knowledge management, major software applications programming, manufacturing, project management, retailing, system architecture, software development, system analysis, website development.

Progression rule to bachelor's degree

Minimum 50 percent pass in all courses

COURSES

Select eight courses comprising the following core and specified courses:

CORE COURSES (ALL MAJORS):

- COMP1010 Computing Fundamentals
- INFT1004 Introduction to Programming
- INFT1150 Foundations of Information Systems
- SENG1050 Web Technologies

Interactive Media

- CMNS1230 Foundations of Media Production
- INFT1201 Digital Technologies for Media and Entertainment
- CMNS1000 Introduction to Digital Communication
- MKTG1001 Foundations of Marketing

Business Technology

Compulsory course

- STAT1060 Business Decision Making

Directed courses (choose 2)

- ACFI1001 Accounting for Decision Makers
- ACFI1002 Accounting Practice
- CMNS1290 Introduction to Public Relations
- ECON1001 Microeconomics for Business Decisions
- MKTG1001 Foundations of Marketing
- MNGT1001 Introduction to Management



Elective course (choose 1)

- MATH1110 Mathematics for Engineering, Science and Technology 1
- MATH1120 Mathematics for Engineering, Science and Technology 2
- ELEC1710 Digital and Computer Electronics 1
- ELEC1310 Introduction to Electrical Engineering
- CMNS1000 Introduction to Digital Communication
- CMNS1230 Foundations of Media Production
- MNGT1001 Introduction to Management

Systems Development

Compulsory course

- ENGG1003 Introduction to Procedural Programming

Directed courses (choose 3)

- MATH1110 Mathematics for Engineering, Science and Technology 1
- MATH1120 Mathematics for Engineering, Science and Technology 2
- ELEC1710 Digital and Computer Electronics 1
- ELEC1310 Introduction to Electrical Engineering
- CMNS1000 Introduction to Digital Communication
- CMNS1230 Foundations of Media Production
- MNGT1001 Introduction to Management
- STAT1060 Business Decision Making
- INFT1201 Digital Technologies for Media and Entertainment
- MKTG1001 Foundations of Marketing

SECOND YEAR ENTRY TO THE UNIVERSITY OF NEWCASTLE

Bachelor of Information Technology

Majoring in: Interactive Media; Business Technology; Systems Development

PROFESSIONAL RECOGNITION

Students who graduate from the University of Newcastle's Bachelor of IT will be able to apply for membership with the Australian Computer Society (ACS).

DIPLOMA OF MEDIA AND COMMUNICATION

DURATION: Two or three trimesters

CRICOS CODE: 074640M

2019 FEE: A\$25,760 **2020 FEE:** A\$25,760

PROVISIONAL ENTRY PROGRAM FEE - A\$30,310

Media and communication students have access to purpose-built facilities such as sound and recording studios of industry standards, as well as Mac and PC labs. The program is designed to foster independent learning and teamwork, which prepares them for on-the-job challenges.

Study topics include professional writing, media production, and communication theory, as well as introductions to journalism, public relations, and digital communication. Initiative and persistence are encouraged to help students produce thoughtful and creative work.

POSSIBLE EMPLOYMENT AND CAREER OPTIONS

Audience research and analysis, audio production and post-production, broadcast journalism, digital video and television, journalism, media research and analysis, media strategy, multimedia production, professional and creative writing, public relations, publishing, radio broadcasting and production, research and policy development.

Progression rule to bachelor's degree

Minimum 50 percent pass in all courses.

COURSES

Select eight courses comprising the following:

Core courses (all specialisations)

- CMNS1000 Introduction to Digital Communication
- CMNS1090 Introduction to Professional Writing
- CMNS1230 Foundations of Media Production
- CMNS1234 Introduction to Communication Theory

SPECIALISATIONS

Journalism

- CMNS1280 Introduction to Journalism plus three directed electives offered at NIC.

Media Production

Four directed electives offered at NIC.

Public Relations

- CMNS1290 Introduction to Public Relations plus three directed electives offered at NIC.

Media Studies

Four directed electives offered at NIC.



SECOND YEAR ENTRY TO THE UNIVERSITY OF NEWCASTLE

• Bachelor of Communication

Majoring in: Public Relations; Journalism; Media Studies; Media Production

PROFESSIONAL RECOGNITION

Students who complete the Bachelor of Communication majoring in Public Relations will graduate with a degree accredited by the Public Relations Institute of Australia (PRIA).

DIPLOMA OF MEDICAL ENGINEERING

DURATION: Two or three trimesters

CRICOS CODE: 099140C

2019 PROGRAM FEE: A\$29,720 **2020 FEE:** A\$29,720

PROVISIONAL ENTRY PROGRAM FEE - A\$34,270

The University of Newcastle trains engineers to be capable of solving the world's greatest challenges. As a graduate of the Bachelor of Medical Engineering (Honours), you can make medical treatment more effective, efficient, safer and more affordable, and will be uniquely placed to save and improve lives.

WHAT IS MEDICAL ENGINEERING?

Students who study our medical engineering diploma and degree program will learn to apply engineering principles and design processes to find innovative solutions to healthcare problems. They bring their creativity, critical thinking, and complex problem solving skills to developing and improving technology and human systems in medical settings. They need to have strong people skills and be particularly adept at working in interdisciplinary teams.

The structure of the Diploma of Medical Engineering is based on 80 units of study, including seven core courses (70 units):

- ENGG1500 Introduction to Professional Engineering
- ENGG1003 Introduction to Procedural Programming
- ELEC1310 Introduction to Electrical Engineering
- MATH1110 Mathematics for Engineering, Science and Technology 1
- MATH1120 Mathematics for Engineering, Science and Technology 2
- HUBS1401 Human Bioscience
- HUBS1420 Terminology and Communication for Health Professions

Students undertaking the Medical Biomechanics major undertake the following elective course:

- CIVL1100 Fundamentals of Engineering Mechanics

Students undertaking the Medical Devices or Medical Signal Analysis majors undertake:

- ELEC1710 Digital and Computer Electronics 1

WHAT YOU WILL STUDY

Build critical medical and engineering skills by studying through the following courses in

- human pathophysiology
- engineering mathematics
- electronics
- physics
- analogue and digital communications
- procedural programming
- pharmacology
- exercise physiology
- electrical engineering design
- neurobiology



EXCLUSIVE TO NIC

SECOND YEAR ENTRY TO THE UNIVERSITY OF NEWCASTLE

- **Bachelor of Medical Engineering (Honours)**

Majoring in: Medical Devices; Medical Biomechanics; Medical Signal Analysis

CAREER OPPORTUNITIES

Medical engineers are involved with the design, development, testing and implementation of safe and effective technological solutions for the health and medicine industry. Depending on their area of specialisation, a medical engineer could work with:

- biomechanical devices
- surgical equipment
- nanotechnology drug delivery systems and diagnostic tests
- prosthetic limbs
- artificial organs
- electrical and computing systems relating to radiotherapy, respiration or dialysis

Medical engineers work in hospitals and other medical institutions, health-related manufacturing and technology companies, pharmaceutical companies, and research organisations. Emerging technologies and engineering applications in the medical field, combined with an ageing population are leading to global growth in demand for biomedical engineers.



NIC ADMISSION REQUIREMENTS

The table below may be used as a guideline to the minimum academic requirements for entry to NIC's Foundation, Extended Foundation and Diploma programs. For academic entry requirements to the Foundation Program for Medicine, please refer to page 12.

NIC welcomes all applications from all countries, and will assess each application on its own merit. NIC will only consider academic subjects when determining average student performance.

MATURE-AGED ENTRY

Applicants who are aged 21 years or above may be admitted to an academic program at NIC without meeting formal academic qualifications. Evidence of relevant work experience and other acceptable qualifications will need to be submitted at the time of applying.

This may be accompanied with a Statement of Purpose, outlining reasons and motivation for pursuing academic studies at NIC.

RECOGNITION OF PRIOR LEARNING

Students who have previously enrolled in post-secondary or tertiary studies may be recognised for their prior learning and may wish to apply for exemptions. Applicants will be required to supply certified copies of all academic transcripts as well as detailed course syllabus information (outlining the content of that particular subject) for an assessment. Official transcripts and syllabus information must be supplied in English.

The list of qualifications outlined below is a guide only. As not all qualifications and countries are listed, students with other credentials are encouraged to apply.

ENGLISH LANGUAGE PREPARATION

Students who don't meet the minimum English language requirement for their preferred program may be able to enrol at the university's Language Centre. English Language Intensive Courses for Overseas Students (ELICOS) are offered in 10-week blocks and can be included in an NIC packaged offer.

Country	Foundation Program and Extended Foundation Program	Diploma
Australia	Fast track and Standard track*	Fast track, Standard track and Diploma (Provisional Entry Program)
Bangladesh	Completion of GCSE or IGCSE with 3 passes / Higher School Certificate with a GPA 2.5	Completion of GCE A levels with 2 passes / Higher School Certificate with a GPA of 3.0
Cambodia	Successful completion of the Diploma of Upper Secondary Education with 50% or higher	Successful completion of post-secondary qualification AQF Foundation or higher
Chile	Completion of the Licencia de Educacion, average below 5.0–5.7	Completion of the Licencia de Educacion with an average of 5.7 or better
China	Successful completion of Senior Middle 2, with a 65% average	Completion of Senior Middle 3 with a 65% average or successfully pass Gaokao
Colombia	Bachillerato with an average of 60% and below	Bachillerato with an average of 70%
Hong Kong	Completion of Form 5 with acceptable pass grades	HKDSE total score of 8 in the best 4 academic subjects across Category A and Category C subjects (minimum level 2 in each subject - Chinese/English not included)

Country	Foundation Program and Extended Foundation Program Fast track and Standard track*	Diploma Fast track, Standard track and Diploma (Provisional Entry Program)
India	Completion of Year 11– All India Senior School Certificate, Indian School Certificate, Higher Secondary School Certificate with grades of 50% or better	All India Senior School Certificate with an average of 55% across 3 academic subjects
Indonesia	SMA 2 (formerly SMU 2) with an average grade of 6.5 or above in best 4 academic subjects	SMA 3 (formerly SMU 3) with an average grade of 6.5 or above in best 4 academic subjects
Japan	Completion of Kotogakko Year 2	High School Graduation with a GPA of 2.5 or better
Kenya	KCSE 'D' average, GCE 'O' levels – passes in 3 subjects	KCSE C average, Minimum of 2 passes in GCE 'A' levels
Korea	Successful completion of year 2 of Senior High School with D grade average in 4 academic subjects	Senior High School Graduation Certificate (Year 3) with a C average (rank 6 or above) across 4 academic subjects
Kuwait	Successful completion of Shahadat Al-Thanawaya Al-Aama (General Secondary Education Certificate) with minimum overall grade of 60%	Completion of Shahadat Al-Thanawaya Al-Aama (General Secondary Education Certificate) with a 75% average or better in final results
Macau	Successful completion of Senior Middle 2	Senior Middle 3 with an average of 65% or above in 4 subjects
Malaysia	Completion of Form 5/SPM/Senior Middle 2 or equivalent with overall pass grade	STPM – 2 passes, Senior Middle 3 – 70% or better (across 4 academic subjects), UEC with a minimum C grade average
Mauritius	GCE 'O' levels with credit in 3 academic subjects	Minimum 2 passes at GCE 'A' levels
Myanmar	Matriculation examination certificate	Assessed individually
Nepal	Higher Secondary School Certificate – Completion of Year 11 with an average of 45%	Completion of the Higher School Certificate (HSC–12th grade) 2nd Division with 55% in 4 academic subjects
Nigeria	Completion of Senior Secondary School examinations (WAEC or NECO) with 5 grades at D7 level	Completion of Senior Secondary School examinations (WAEC or NECO) with 5 grades at C6 level
Pakistan	Completion of Higher Secondary School Certificate (Year 11) with a grade average of 55% or better	Intermediate/Higher Secondary School Certificate–50% average across 4 subjects
Philippines	Successful completion of Year 11 with an 80% average	Successful completion of Year 12 with an 80% average
Saudi Arabia	Successful completion of the General Certificate of Secondary Education with an average of 50%	General Secondary Education Certificate with an average of 75% or better
Singapore	Successful completion of Sec 4 (Express) or GCE 'O' levels with passes in 3 academic subjects	Minimum 2 passes in GCE 'A' levels
Sri Lanka	Successful completion of Year 11, or GCE 'O' levels	GCE or Sri Lankan 'A' levels – 2 passes
Taiwan	Completion of Senior Middle 2 with an average of 60% across 4 academic subjects	Senior Middle 3 – 60% average across 4 academic subjects
Tanzania	GCE O-Levels or equivalent with passes in 4 subjects	2 passes in GCE A-Levels
Thailand	Matayom 5 with a GPA of 2.5	Matayom 6 with GPA of 2.0 or better
United Arab Emirates	Completion of General Secondary Education Certificate, or American High School Diploma	General Secondary Education Certificate with 70% in final year results, or American High School Diploma with an average grade of 70% in final year results
United Kingdom	GCE 'O' levels with passes in 3 academic subjects, or GCSE	Minimum 2 passes for GCE 'A' levels
USA	Completion of Year 11 or equivalent with pass grades	Completion of USA High School Diploma with a GPA of 2.75
Vietnam	Completion of Year 11 with GPA of 5.0 and above	Year 12 with a GPA of 6.0
Zambia	Completion of 'O' levels or equivalent	GCE A levels with passes in 2 academic subjects
Zimbabwe	GCE 'O' levels or equivalent, with passes in 3 academic subjects	Zim Sec or GCE 'A' levels with a minimum of 2 passes
Global Assessment Certificate	Contact NIC Admissions	Average GPA score of 1.0 (D or 60% or better)
International Baccalaureate	Successful completion of Year 1 of the IB curriculum	IB aggregate mark of 21 over 6 subjects

* For details about entry requirements for the Foundation Program for Medicine, please refer to page 12.

ENGLISH LANGUAGE REQUIREMENTS

	Extended Foundation Program	Extended Foundation Program (Health stream)*	Diploma Program with Provisional Entry Program	Foundation Program	Foundation Program (Health stream)*
					Diploma Program
IELTS (Academic only)	5.0 (with no band less than 4.5)	5.5 (with no band less than 5.0)	5.5 (with no band less than 5.0)	5.5 (with no band less than 5.0)	6.0 (with no band less than 5.5)
TOEFL (ibt)	35-45	46-59	46-59	46-59	60-78
TOEFL	500/173	527/197	527/197	527/197	550 or 213
University of Newcastle English Language Centre	Intermediate Level Minimum 65% in three areas and 60% in the 4th	Upper Intermediate Level Minimum 65% in three areas and 60% in the 4th	Upper Intermediate Level Minimum 65% in three areas and 60% in the 4th	Upper Intermediate Level Minimum 65% in three areas and 60% in the 4th	EAP Level Minimum 60% in four areas
NSW HSC (Year 12)	ESL Band 2	ESL Band 3	ESL Band 3	ESL Band 3	ESL Band 4
SPM C1119	D8	C6	C6	C6	B4
Pearsons Test of English (Academic)	36	42	42	42	50
GCSE/O Level English	D8	C6	C6	C6	B4
HKDSE English	Contact NIC	2	2	2	3
General Paper	Contact NIC	C or better	C or better	C or better	B minimum
IB English	Contact NIC	Grade 3 English A1 or A2 (Higher and Standard levels) or minimum 5 in English B (Higher level)	Grade 3 English A1 or A2 (Higher and Standard levels) or minimum 5 in English B (Higher level)	Grade 3 English A1 or A2 (Higher and Standard levels) or minimum 5 in English B (Higher level)	Grade 4 English A1 or A2 (Higher and Standard levels) or minimum 5 in English B (Higher level)

* Excludes Biomedical Science.



STUDENT LIVING

Student Living is the University of Newcastle's on-campus accommodation precinct at the Callaghan and Ourimbah campuses.

Awarded the Asia-Pacific Student Accommodation Association award for Housing Operator of the Year in 2017 and Excellence in Student Experience in 2016, Student Living provides an unparalleled accommodation experience that includes 24-hour support and wellbeing services, a dedicated Health and Wellbeing Coordinator, academic support and 24/7 security.

With diverse accommodation options available all within walking distance to classes or just 20 minutes to our City campus from Callaghan by free shuttle bus, Student Living is convenient, fun and the perfect choice!

Each residence offers a variety of living options to suit our student community. Whether you're looking for a private or shared room, private or shared facilities, if you want to cook for yourself or you want someone else to cook for you - we've got it all here!

But life on-campus is about more than just a room. With a range of fantastic student-centred study and common areas, indoor and outdoor social spaces, year round resident-focused events and a vibrant residential community you won't want to be anywhere else!

Students can also choose Homestay, where they can live with an Australian family that has been approved by the University. For more information on accommodation options, visit nic.nsw.edu.au/accommodation





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