PATHWAYS TO
THE UNIVERSITY OF NEWCASTLE
INTERNATIONAL STUDENT GUIDE 2020

FIND YOUR FUTURE

NIC.NSW.EDU.AU
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

<table>
<thead>
<tr>
<th>Trimester</th>
<th>Orientation</th>
<th>Classes start</th>
<th>Classes end</th>
<th>Exam period</th>
<th>Trimester break</th>
</tr>
</thead>
</table>

### FOUNDATION FOR MEDICINE SEMESTER DATES

<table>
<thead>
<tr>
<th>Semester</th>
<th>Orientation</th>
<th>Classes start</th>
<th>Classes end</th>
<th>Exam period</th>
<th>Trimester break</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 1 2020</td>
<td>2nd April 2020</td>
<td>6 April 2020</td>
<td>10 July 2020</td>
<td>13-17 July 2020</td>
<td>20 July – 7 August 2020</td>
</tr>
<tr>
<td>Semester 2 2020</td>
<td>N/A</td>
<td>10 August 2020</td>
<td>13 November 2020</td>
<td>16-20 November 2020</td>
<td>20 November onwards</td>
</tr>
</tbody>
</table>
YOUR PATHWAY TO THE UNIVERSITY OF NEWCASTLE

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.

† Double degrees and Medical degrees are completed in 5 years
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 10 DISCIPLINES
- 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 your feeling stressed or just need a break.”

CHIN, MALAYSIA

“I love to study in a surrounding where there are less distraction 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 study 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.

<table>
<thead>
<tr>
<th>Season</th>
<th>Period</th>
<th>Average daily high</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>December to February</td>
<td>28°C</td>
</tr>
<tr>
<td>Autumn</td>
<td>March to May</td>
<td>23°C</td>
</tr>
<tr>
<td>Winter</td>
<td>June to August</td>
<td>18°C</td>
</tr>
<tr>
<td>Spring</td>
<td>September to November</td>
<td>24°C</td>
</tr>
</tbody>
</table>
FAST FACTS ABOUT NEWCASTLE

POPULATION
Over 550,000

TIME ZONE
GMT/UTC +10

CURRENCY
Australian Dollar ($)

STATE
New South Wales (NSW)

VISITNEWCASTLE.COM.AU
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.
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
- FBUS103 Economics
- FBUS104 Mathematics
- FBUS105 Statistics
- FCOM100 Information Design
- FCOM101 Information Design
- FMTH1001 Essential Mathematics

Education and Arts (courses may include)
- FBUS100 Accounting
- FBUS103 Economics
- FBUS104 Mathematics
- FBUS105 Statistics
- FBUS110 Legal Studies
- FCOM101 Information Design
- FCOM106 Creative Cultures

Engineering, Science and Information Technology (courses may include)
- FBI001 Biology
- FCOM100 Information Design
- FCOM101 Programming
- FHB1001 Human Biology
- FMTH001 Advanced Mathematics I
- FMTH002 Advanced Mathematics II
- FISC001 Intercultural Studies
- FSCN100 Health Science

Health Science† (courses may include)
- FBI001 Biology
- FBUS105 Statistics
- FHB1001 Human Biology
- 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.
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.

ACADEMIC REQUIREMENTS

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

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

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.

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
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

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).
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.
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.

<table>
<thead>
<tr>
<th>Country</th>
<th>Foundation Program and Extended Foundation Program</th>
<th>Diploma</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Completion of Year 11 with acceptable pass grades</td>
<td>Successful completion of the NSW Higher School Certificate (Year 12) or ATAR of 50 and above.</td>
</tr>
<tr>
<td>Bangladesh</td>
<td>Completion of GCSE or IGCSE with 3 passes / Higher School Certificate with a GPA 2.5</td>
<td>Completion of GCE A levels with 2 passes / Higher School Certificate with a GPA of 3.0</td>
</tr>
<tr>
<td>Cambodia</td>
<td>Successful completion of the Diploma of Upper Secondary Education with 50% or higher</td>
<td>Successful completion of post-secondary qualification AQF Foundation or higher</td>
</tr>
<tr>
<td>Chile</td>
<td>Completion of the Licencia de Educacion, average below 5.0–5.7</td>
<td>Completion of the Licencia de Educacion with an average of 5.7 or better</td>
</tr>
<tr>
<td>China</td>
<td>Successful completion of Senior Middle 2, with a 65% average</td>
<td>Completion of Senior Middle 3 with a 65% average or successfully pass Gaokao</td>
</tr>
<tr>
<td>Colombia</td>
<td>Bachillerato with an average of 60% and below</td>
<td>Bachillerato with an average of 70%</td>
</tr>
<tr>
<td>Hong Kong</td>
<td>Completion of Form 5 with acceptable pass grades</td>
<td>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)</td>
</tr>
<tr>
<td>Country</td>
<td>Foundation Program and Extended Foundation Program</td>
<td>Diploma</td>
</tr>
<tr>
<td>------------------</td>
<td>----------------------------------------------------</td>
<td>----------------------------------</td>
</tr>
<tr>
<td>India</td>
<td>Completion of Year 11: All India Senior School Certificate, Indian School Certificate, Higher Secondary School Certificate with grades of 50% or better</td>
<td>All India Senior School Certificate with an average of 55% across 3 academic subjects</td>
</tr>
<tr>
<td>Indonesia</td>
<td>SMA 2 (formerly SMU 2) with an average grade of 6.5 or above in best 4 academic subjects</td>
<td>SMA 3 (formerly SMU 3) with an average grade of 6.5 or above in best 4 academic subjects</td>
</tr>
<tr>
<td>Japan</td>
<td>Completion of Kotogakko Year 2</td>
<td>High School Graduation with a GPA of 2.5 or better</td>
</tr>
<tr>
<td>Kenya</td>
<td>KCSE ‘D’ average, GCE ‘O’ levels – passes in 3 subjects</td>
<td>KCSE C average, Minimum of 2 passes in GCE ‘A’ levels</td>
</tr>
<tr>
<td>Korea</td>
<td>Successful completion of year 2 of Senior High School with D grade average in 4 academic subjects</td>
<td>Senior High School Graduation Certificate (Year 3) with a C average (rank 6 or above) across 4 academic subjects</td>
</tr>
<tr>
<td>Kuwait</td>
<td>Successful completion of Shahadat Al–Thanawaya Al–Aama (General Secondary Education Certificate) with minimum overall grade of 60%</td>
<td>Completion of Shahadat Al–Thanawaya Al–Aama (General Secondary Education Certificate) with a 75% average or better in final results</td>
</tr>
<tr>
<td>Macau</td>
<td>Successful completion of Senior Middle 2</td>
<td>Senior Middle 3 with an average of 65% or above in 4 subjects</td>
</tr>
<tr>
<td>Malaysia</td>
<td>Completion of Form 5/SPM/Senior Middle 2 or equivalent with overall pass grade</td>
<td>STPM – 2 passes, Senior Middle 3 – 70% or better (across 4 academic subjects), UEC with a minimum C grade average</td>
</tr>
<tr>
<td>Mauritius</td>
<td>GCE ‘O’ levels with credit in 3 academic subjects</td>
<td>Minimum 2 passes at GCE ‘A’ levels</td>
</tr>
<tr>
<td>Myanmar</td>
<td>Matriculation examination certificate</td>
<td>Assessed individually</td>
</tr>
<tr>
<td>Nepal</td>
<td>Higher Secondary School Certificate – Completion of Year 11 with an average of 45%</td>
<td>Completion of the Higher School Certificate (HSC-12th grade) 2nd Division with 55% in 4 academic subjects</td>
</tr>
<tr>
<td>Nigeria</td>
<td>Completion of Senior Secondary School examinations (WAEC or NECO) with 5 grades at D7 level</td>
<td>Completion of Senior Secondary School examinations (WAEC or NECO) with 5 grades at C6 level</td>
</tr>
<tr>
<td>Pakistan</td>
<td>Completion of Higher Secondary School Certificate (Year 11) with a grade average of 55% or better</td>
<td>Intermediate/Higher Secondary School Certificate–50% average across 4 subjects</td>
</tr>
<tr>
<td>Philippines</td>
<td>Successful completion of Year 11 with an 80% average</td>
<td>Successful completion of Year 12 with an 80% average</td>
</tr>
<tr>
<td>Saudi Arabia</td>
<td>Successful completion of the General Certificate of Secondary Education with an average of 50%</td>
<td>General Secondary Education Certificate with an average of 75% or better</td>
</tr>
<tr>
<td>Singapore</td>
<td>Successful completion of Sec 4 (Express) or GCE ‘O’ levels with passes in 3 academic subjects</td>
<td>Minimum 2 passes in GCE ‘A’ levels</td>
</tr>
<tr>
<td>Sri Lanka</td>
<td>Successful completion of Year 11, or GCE ‘O’ levels</td>
<td>GCE or Sri Lankan ‘A’ levels – 2 passes</td>
</tr>
<tr>
<td>Taiwan</td>
<td>Completion of Senior Middle 2 with an average of 60% across 4 academic subjects</td>
<td>Senior Middle 3 – 60% average across 4 academic subjects</td>
</tr>
<tr>
<td>Tanzania</td>
<td>GCE O-Levels or equivalent with passes in 4 subjects</td>
<td>2 passes in GCE A-Levels</td>
</tr>
<tr>
<td>Thailand</td>
<td>Matayom 5 with a GPA of 2.5</td>
<td>Matayom 6 with GPA of 2.0 or better</td>
</tr>
<tr>
<td>United Arab Emirates</td>
<td>Completion of General Secondary Education Certificate, or American High School Diploma</td>
<td>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</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>GCE ‘O’ levels with passes in 3 academic subjects, or GCSE</td>
<td>Minimum 2 passes for GCE ‘A’ levels</td>
</tr>
<tr>
<td>USA</td>
<td>Completion of Year 11 or equivalent with pass grades</td>
<td>Completion of USA High School Diploma with a GPA of 2.75</td>
</tr>
<tr>
<td>Vietnam</td>
<td>Completion of Year 11 with GPA of 5.0 and above</td>
<td>Year 12 with a GPA of 6.0</td>
</tr>
<tr>
<td>Zambia</td>
<td>Completion of ‘O’ levels or equivalent</td>
<td>GCE A levels with passes in 2 academic subjects</td>
</tr>
<tr>
<td>Zimbabwe</td>
<td>GCE ‘O’ levels or equivalent, with passes in 3 academic subjects</td>
<td>Zim Sec or GCE ‘A’ levels with a minimum of 2 passes</td>
</tr>
<tr>
<td>Global Assessment Certificate</td>
<td>Contact NIC Admissions</td>
<td>Average GPA score of 1.0 (D or 60% or better)</td>
</tr>
<tr>
<td>International Baccalaureate</td>
<td>Successful completion of Year 1 of the IB curriculum</td>
<td>IB aggregate mark of 21 over 6 subjects</td>
</tr>
</tbody>
</table>

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

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

* 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