University Entry Requirements 2018 for Year 10 Students
Essentials: University Entry Requirements 2018 for Year 10 Students

Fast facts

➜ Think about what your interests, qualities and skills are when planning for your future and consider if tertiary study is for you.

➜ Base your subject selection for years 11 and 12 on your interests, abilities and future plans – students do best in courses they enjoy and apply themselves to.

➜ Choose subjects that give you broad options, including being eligible for the HSC and the ATAR.

➜ In addition to the ATAR, be aware that many institutions have admission requirements such as prerequisites, assumed knowledge and recommended studies as well as additional selection criteria.

➜ Find out about admission requirements for the tertiary courses you’re interested in and check that you meet them – this booklet is a good place to start.

Contacting UAC

UAC
Locked Bag 112
Silverwater NSW 2128

1300 ASK UAC (1300 275 822)
from mobiles: (02) 9752 0200
from overseas: +61 2 9752 0200

www.facebook.com/universitiesadmissionscentre

Quad 2, 8 Parkview Drive
Sydney Olympic Park NSW 2127
For those travelling by train, UAC is 250 metres from Olympic Park railway station.

www.uac.edu.au

http://twitter.com/UACinfo

8.30am–4.30pm Monday to Friday (Sydney local time)

eemail online enquiry form, www.uac.edu.au/general/contact.shtml

www.youtube.com/user/UACinfo
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<td>North Sydney campus</td>
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<td>Strathfield campus</td>
<td>12 September 2015</td>
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<tr>
<td><strong>Australian College of Applied Psychology</strong></td>
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<tr>
<td>Information nights</td>
<td>14 July 2015, 12 August 2015, 11 November 2015</td>
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<tr>
<td>For campus tours or more details about the information nights</td>
<td>visit <a href="http://www.acap.edu.au">www.acap.edu.au</a></td>
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<td><strong>Australian Maritime College</strong></td>
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<td>Beauty Point campus</td>
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<td>Newnham campus</td>
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<tr>
<td>Campus tours can be arranged by appointment year round.</td>
<td>Visit <a href="http://www.amc.edu.au/visit-amc">www.amc.edu.au/visit-amc</a></td>
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<tr>
<td><strong>Australian National University</strong></td>
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<tr>
<td>For campus tours, visit <a href="http://anu.edu.au/study/events/campus-tours">http://anu.edu.au/study/events/campus-tours</a></td>
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<td><strong>Billy Blue College of Design</strong></td>
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<td>Ultimo</td>
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<tr>
<td>A private campus tour can be arranged any day, call 1300 851 245 or visit billyblue.edu.au</td>
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<td><strong>Charles Sturt University</strong></td>
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<tr>
<td>Open every day. For campus tours/appointments and course information, call 1800 DEGREE (1800 334 733) or visit <a href="http://www.csu.edu.au/campustour">www.csu.edu.au/campustour</a></td>
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<tr>
<td><strong>CQUiversity</strong></td>
<td>Sydney campus</td>
<td>13 August 2015, 2-6pm</td>
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<td>Virtual open day (online only)</td>
<td>10 September 2015, 10am-6pm</td>
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<tr>
<td>For more information on these and other CQUiversity events, visit <a href="http://www.cqu.edu.au/events">www.cqu.edu.au/events</a></td>
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<td><strong>Griffith University</strong></td>
<td>Gold Coast campus</td>
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<td><strong>International College of Management, Sydney</strong></td>
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<td>Manly campus</td>
<td>16 August 2015</td>
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<td><strong>Jansen Newman Institute</strong></td>
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<td><strong>La Trobe University</strong></td>
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<td>Albury–Wodonga campus</td>
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<td>Mildura campus</td>
<td>19 August 2015</td>
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<td>Sydney campus</td>
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<tr>
<td>For other campuses visit <a href="http://www.latrobe.edu.au/openday/">www.latrobe.edu.au/openday/</a></td>
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<tr>
<td><strong>Macleay College</strong></td>
<td>Surry Hills campus</td>
<td>22 August 2015, 16 January 2016</td>
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<tr>
<td>But open day is every day. For a personalised campus tour, call 1300 939 888</td>
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<tr>
<td><strong>Macquarie University</strong></td>
<td>North Ryde</td>
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<td><strong>MIT Sydney</strong></td>
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<td>For campus tours/appointments and course information, call (02) 8267 1400 or visit mit.edu.au</td>
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<td><strong>National Art School</strong></td>
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<td>Darlington</td>
<td>29 August 2015</td>
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<td><strong>SAE Creative Media Institute</strong></td>
<td>Sydney and Byron Bay campuses</td>
<td>8 August 2015</td>
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<td>For up-to-date information, visit <a href="http://sae.edu.au/news-and-events/events">http://sae.edu.au/news-and-events/events</a> or freecall 1800 SAE EDU (1800 723 338)</td>
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<td><strong>SIBT</strong></td>
<td>All campuses</td>
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<td><strong>Southern Cross University</strong></td>
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<td>Info days and ‘virtual’ info sessions</td>
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<td>Coffs Harbour campus</td>
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<td>Lismore campus</td>
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<td>Gold Coast campus</td>
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<td>For more information visit <a href="http://www.scu.edu.au/scuinodays">www.scu.edu.au/scuinodays</a></td>
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<tr>
<td>The Hotel School Sydney</td>
<td>12 September 2015</td>
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<tr>
<td>For more information visit, hotelschool.scu.edu.au/about/infodays</td>
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<tr>
<td><strong>University of Canberra</strong></td>
<td>Bruce</td>
<td>29 August 2015</td>
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<td><strong>University of New England</strong></td>
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<td>For personilised tours, call 1800 818 865 or visit <a href="http://www.une.edu.au/campustours">www.une.edu.au/campustours</a></td>
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<tr>
<td><strong>University of Newcastle</strong></td>
<td>Newcastle campus (Callaghan)</td>
<td>22 August 2015</td>
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<td>Central Coast campus (Ourimbah)</td>
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<td>Port Macquarie campus (Evening)</td>
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<td><strong>University of Sydney</strong></td>
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<tr>
<td><strong>University of Technology, Sydney</strong></td>
<td>City campus</td>
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<tr>
<td><strong>University of Western Sydney</strong></td>
<td>Parramatta campus</td>
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<tr>
<td>UWS Campus Experience tours are held throughout the year. To register, visit <a href="http://www.uws.edu.au/campusexperience">www.uws.edu.au/campusexperience</a> or call 1300 897 669</td>
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<tr>
<td><strong>University of Wollongong</strong></td>
<td>Wollongong campus</td>
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<td>Sydney CBD campus</td>
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<tr>
<td><strong>UNSW Australia</strong></td>
<td>Kensington campus</td>
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<td>UNSW Canberra at the Australian Defence Force Academy</td>
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<tr>
<td><strong>William Blue College of Hospitality Management</strong></td>
<td>The Rocks</td>
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**2015–2016**
Year 10: A year of decisions

This booklet is for Year 10 students choosing their subjects for years 11 and 12. Its aim is to help you think about the next two years and beyond and provide information so that you can make the best decisions for successful study in senior school and beyond.
In Year 10 you will choose the subjects that you will study for the next two years. Although there are many pathways to uni or college, choosing the right courses at school can make it easier to enter and succeed at tertiary study.

In this booklet, UAC’s participating institutions have listed the areas of study that they plan to offer for 2018 admissions. They have also set out course entry requirements and, where applicable, details of:
- course prerequisites
- subject prerequisites
- assumed knowledge
- recommended studies
- additional selection criteria.

While New South Wales institutions don’t have a lot of prerequisites, many do specify assumed knowledge and recommended studies. This is important information to consider when choosing subjects to study in years 11 and 12.

Institutions do offer bridging courses if these standards are not met; however, bridging courses are not equivalent to the two-year HSC course and they may add significantly to your workload.

This booklet also provides information about HSC courses, how the ATAR is calculated and used for tertiary entry, and how bonus points work. There are worksheets to help you think about what you like and what you’re good at, and to guide you through the steps involved in choosing your subjects for years 11 and 12.

If you’re still not sure about the exact career path you want to follow, this booklet can help you choose subjects which will keep your options open and give you the best chance of succeeding in the future.

### About UAC

The Universities Admissions Centre (UAC) is the central office that receives and processes applications for undergraduate and postgraduate courses at its participating institutions, mainly in NSW and the ACT.

In 2014–15, there were more than 1,800 undergraduate courses listed through UAC by participating and apply direct institutions.

UAC also:
- calculates the Australian Tertiary Admission Rank (ATAR) and notifies NSW HSC students of their ATAR
- administers tertiary admissions tests such as the Special Tertiary Admissions Test (STAT)
- processes applications for Educational Access Schemes (EAS)
- processes applications for some Equity Scholarships (ES)
- processes applications under the Schools Recommendation Schemes (SRS).

For further information about UAC, visit [www.uac.edu.au](http://www.uac.edu.au)

To view a presentation on how to use this booklet, visit [www.uac.edu.au/schoolink/year-10.shtml](http://www.uac.edu.au/schoolink/year-10.shtml)

### UAC’s participating institutions

- **APM College of Business and Communication**
  - [www.apm.edu.au](http://www.apm.edu.au)
- **Australasian College of Natural Therapies**
  - [www.acnt.edu.au](http://www.acnt.edu.au)
- **Australian Catholic University**
  - [www.acu.edu.au](http://www.acu.edu.au)
- **Australian College of Applied Psychology**
  - [www.acap.edu.au](http://www.acap.edu.au)
- **Australian Maritime College**
  - [www.amc.edu.au](http://www.amc.edu.au)
- **Australian National University**
  - [www.anu.edu.au](http://www.anu.edu.au)
- **Billy Blue College of Design**
  - [www.billyblue.edu.au](http://www.billyblue.edu.au)
- **Charles Sturt University**
  - [www.csu.edu.au](http://www.csu.edu.au)
- **CQU**
  - [www.cqu.edu.au](http://www.cqu.edu.au)
- **Griffith University**
  - [www.griffith.edu.au](http://www.griffith.edu.au)
- **International College of Management, Sydney**
  - [www.icms.edu.au](http://www.icms.edu.au)
- **Jansen Newman Institute**
  - [www.jni.edu.au](http://www.jni.edu.au)
- **La Trobe University**
  - [www.latrobe.edu.au](http://www.latrobe.edu.au)
- **Macleay College**
  - [www.macleay.edu.au](http://www.macleay.edu.au)
- **Macquarie University**
  - [www.mq.edu.au](http://www.mq.edu.au)
- **MIT Sydney**
  - [www.mit.edu.au](http://www.mit.edu.au)
- **National Art School**
  - [www.nas.edu.au](http://www.nas.edu.au)
- **SAE Creative Media Institute**
  - [www.sae.edu.au](http://www.sae.edu.au)
- **SIBT**
  - [www.sibt.nsw.edu.au](http://www.sibt.nsw.edu.au)
- **Southern Cross University**
  - [www.scu.edu.au](http://www.scu.edu.au)
- **University of Canberra**
  - [www.canberra.edu.au](http://www.canberra.edu.au)
- **University of New England**
  - [www.une.edu.au](http://www.une.edu.au)
- **University of Newcastle**
  - [www.newcastle.edu.au](http://www.newcastle.edu.au)
- **University of Sydney**
  - [http://sydney.edu.au](http://sydney.edu.au)
- **University of Technology, Sydney**
  - [www.uts.edu.au](http://www.uts.edu.au)
- **University of Western Sydney**
  - [www.uws.edu.au](http://www.uws.edu.au)
- **University of Wollongong**
  - [www.uow.edu.au](http://www.uow.edu.au)
- **UNSW Australia**
  - [www.unsw.edu.au](http://www.unsw.edu.au)
- **UNSW Canberra at ADFA**
  - [www.unsw.adfa.edu.au](http://www.unsw.adfa.edu.au)
- **William Blue College of Hospitality Management**
  - [www.williamblue.edu.au](http://www.williamblue.edu.au)
Understanding more about the HSC, the ATAR and applying to uni will help you make the best decisions about your subjects, so here’s what it’s all about.
The NSW HSC

Studying for the NSW HSC begins in Year 11 with preliminary courses and ends with the HSC exams at the end of Year 12. Your Year 12 assessment marks and your HSC exam marks will contribute equally to your HSC marks.

To be eligible for the HSC you need to meet the following requirements:

- complete at least 12 units of preliminary courses in Year 11
- complete at least 10 units of courses in Year 12, including a 2-unit English course.

Most courses are two units and to qualify for an HSC at least six units must be in courses examined by the Board of Studies, Teaching and Educational Standards (BOSTES).

Being eligible for an HSC doesn’t necessarily mean you will be eligible for an ATAR – read the next section for ATAR eligibility requirements.

Courses

ATAR courses

There are many HSC courses but not all of them will contribute to an ATAR. ATAR courses are developed by the Board of Studies, Teaching and Educational Standards (BOSTES), which conducts formal examinations that yield graded assessments. These Board Developed courses are the only courses that can be included in ATAR calculations.

Board Developed courses are classified as either Category A or Category B courses.

Category A courses have the academic rigour and depth of knowledge to provide background for tertiary studies. For more information about Category A courses, see page 30.

Category B courses on their own don’t provide an adequate background for tertiary studies, but can contribute to the ATAR if the other courses included in the ATAR are the more academically demanding Category A courses.

For this reason, only two units of Category B courses can be included in the ATAR calculation. For more information about Category B courses, see page 31.

HSC Board Developed courses that will be examined in 2017 are listed in the table on pages 30–31.

Other courses

There are other courses you can study as part of the HSC. Vocational courses are industry based, hands-on courses and usually include work skills and experience through work placements. These courses may be delivered at your school, at another school or at TAFE.

TAFE-delivered HSC VET (TVET) courses, also known as Industry Framework courses, are developed or endorsed by BOSTES and include Category B courses.

Board Endorsed courses will count towards your HSC, but most do not contribute to your ATAR.

Content Endorsed courses can also be studied as part of the HSC, but do not contribute to the ATAR.

Distance education

If you live in an area that is isolated, have special circumstances that prevent you from attending school on a regular basis or meet other criteria, you can study through distance education.

There are more than 100 HSC courses and UAC’s participating institutions are aware that not every school offers all courses. If your school does not offer a course recommended as preparation for tertiary study, or if you can’t study the recommended course, ask the institution about supplementary studies you may need to undertake.

The ATAR

The first thing to understand is that the ATAR is a rank, not a mark. It’s a number between 0.00 and 99.95 with increments of 0.05. The ATAR provides a measure of a student’s overall academic achievement in relation to that of other students and helps universities rank applicants for selection into their courses.

The ATAR indicates a student’s position relative to all the students who started high school with them in Year 7. So, an ATAR of 80.00 means that a student is 20 per cent from the top of their Year 7 group, even though not everyone who started with them in Year 7 went on to achieve an ATAR.

The average ATAR is usually around 70.00. Some people are surprised by this, thinking that the average should be 50.00. It would be 50.00 if everyone from Year 7 went on to achieve an ATAR. But because the students who leave early are typically less academically able than the ones that stay on, the students receiving ATARs are a smaller, more academically able group, and the average ATAR they receive is higher.

UAC notifies NSW HSC students of their ATAR. Students can access their ATAR on UAC’s website. They will also receive an ATAR Advice Notice in the post.

To be eligible for an ATAR, NSW students must satisfactorily complete (see page 7) at least 10 units of ATAR courses.

These ATAR courses must include:

- eight units of Category A courses
- two units of English
- three Board Developed courses of two units or greater
- four subjects.

Remember that when you choose your program of study for the HSC, you must make sure you will be eligible for an ATAR if you wish to study at university.
Satisfactorily completing a course

You will be considered to have satisfactorily completed a course if, in the principal’s view, there is sufficient evidence that you have:

1. followed the course developed or endorsed by BOSTES
2. applied yourself with diligence and sustained effort to the set tasks and experiences provided in the course by the school
3. achieved some or all of the course outcomes
4. made a genuine attempt at assessment tasks that total more than 50 per cent of the available school assessment marks for that course.

You will also need to make a serious attempt at the examination for the course.

Failure to satisfactorily complete a course will result in that course not contributing to the eligibility requirements. If the course is a 2-unit course for which there is an associated extension course, failure to satisfactorily complete the 2-unit course will result in neither the 2-unit nor the extension course contributing towards your ATAR.

How the ATAR is calculated

The ATAR is based on an aggregate of scaled marks in 10 units of ATAR courses comprising your:

- best two units of English
- best eight of the remaining units, which can include up to two units of Category B courses.

Limited ATAR

Depending on their age and program of study, some HSC students may be eligible for a Limited ATAR.

To download UAC publications about the ATAR and the Limited ATAR, visit www.uac.edu.au/publications

ATAR myths

It’s a myth that choosing certain courses will automatically increase your ATAR. There is no magic formula for getting a good ATAR; it all depends on how well you’ve done in all your courses in comparison to other students.

Marks are scaled according to a course’s scaled mean. The scaled mean indicates the academic ability of the course candidature, which can change from year to year.

You shouldn’t choose courses based on what you believe are the likely effects of scaling and your ATAR. Your subject choices should be based on your interests, demonstrated abilities and your future career plans.

Studying subjects that you are not good at or happy with may mean you won’t do your best or achieve good marks. The only way to maximise your ATAR is to:

- study hard
- do your best
- have a good balance between study and other activities.

As long as you have chosen the subjects you are good at and do well in, you will have the best chance of maximising your ATAR.

For more information about the ATAR, visit www.uac.edu.au/undergraduate/atar/

The ATAR in the ACT

The ATAR calculated in the ACT is directly comparable to the ATAR calculated in NSW and other states.

The ACT operates a system of school-based curriculum and assessment through the ACT Board of Senior Secondary Studies (BSSS). Each college determines the courses (and units) that they offer to students. There are no compulsory courses or units.

Assessment is continuous school-based assessment and courses are taught and assessed unit by unit. There are no examinations set by a central authority for any subject.

If you’re an ACT Year 12 student and want to apply for tertiary study, you must sit the ACT Scaling Test (AST). The AST is used by the BSSS to calculate your ATAR.

The calculation of the ATAR in the ACT is based on your best three scaled course scores from major courses plus 0.6 of the next best scaled course score. The scaled course scores are then added to form an aggregate score. Students are then ranked based on their aggregate score, which is converted to an ATAR.

As your ATAR is calculated from your performance in the AST, if you drop a course it may not affect your ATAR directly. However, you need to take into account prerequisites for tertiary courses outlined in this booklet.

If you are a college or school student in the ACT and you are thinking about studying at a UAC participating institution, you may need to check how your ACT Year 12 Certificate courses compare to NSW HSC subjects.

The following table shows the subject comparisons for key subjects for 2014–15 admissions. For a full listing of the most recent subject-comparison information, visit www.uac.edu.au/undergraduate/admission/interstate.shtml.
ACT subjects comparable to NSW HSC subjects

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<thead>
<tr>
<th>ACT subject</th>
<th>NSW HSC subject</th>
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<tbody>
<tr>
<td>Biology (Major)</td>
<td>Biology</td>
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<td>Chemistry (Major)</td>
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<td>English (Major)</td>
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<td>Geography (Major)</td>
<td>Geography</td>
</tr>
<tr>
<td>Mathematical Methods (Major),</td>
<td>Mathematics</td>
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<tr>
<td>Specialist Mathematics (Major)</td>
<td>HSC Mathematics Extension 1</td>
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<tr>
<td>Specialist Mathematics (Major/Minor)</td>
<td>HSC Mathematics Extension 2</td>
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<tr>
<td>Music (Major)</td>
<td>Music 2</td>
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<tr>
<td>Physics (Major)</td>
<td>Physics</td>
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<tr>
<td>Art (Major)</td>
<td>Visual Arts</td>
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</table>

For more information about the ATAR for ACT students, visit www.bsss.act.edu.au or call the ACT Board of Senior Secondary Studies on (02) 6205 7181.

Applying to uni

Every year more than 50,000 Year 12 students apply through UAC for admission to courses offered by UAC’s participating institutions. For the majority of courses there are more applicants than places, so applicants are ranked for selection.

The first step in the selection process is to check whether applicants have satisfied prerequisites for the courses for which they have applied. For example, an advanced computing degree might specify Mathematics as a course prerequisite. If you haven’t studied Mathematics, you haven’t met this prerequisite and you won’t be considered for the course, regardless of your ATAR.

The second step is to rank all applicants who satisfy the prerequisites for that course. For most courses, applicants who are current Year 12 school leavers are ranked using their ATAR.

However, if you’re eligible for any bonus points or apply for Educational Access Schemes (see page 9), your selection rank may be higher than your ATAR for certain institutions or courses.

Admission requirements

In addition to the ATAR, many institutions have admission requirements. These are:

- prerequisites
  - course prerequisites
  - subject prerequisites
- assumed knowledge
- recommended studies
- additional selection criteria.

Many visual arts courses will have additional selection criteria. They will ask you to supply a portfolio and this will contribute to your selection for the course. Music-based courses may require an audition and others may require you to attend an interview, write a personal statement or sit a test. There is more information about admission requirements on page 35.

When you’re choosing your Year 11 and 12 subjects, use this booklet to find out if there are any admission requirements for the course you’re interested in. Then, when you apply for tertiary study at the end of Year 12, you are more likely to meet all requirements for entry to the course and already have the foundations for successful tertiary study.

Requirements for teaching

Entry and pathways to teaching courses have been revised and may be different between universities. Make sure you check with individual institutions about specific requirements.

International Baccalaureate

The International Baccalaureate (IB) Diploma and Bilingual Diploma are recognised as equivalent to an Australian Year 12 for admission to tertiary institutions in Australia.

IB students apply for uni through UAC in the same way as Year 12 students. However, IB students don’t receive an ATAR; instead, they receive a UAC rank based on their total score.

A national conversion table showing the conversion of the IB aggregate score to the UAC rank is at www.uac.edu.au/undergraduate/faq/ib.shtml.

This page also has a table that compares IB results with NSW HSC results.

You may need to know how your IB subjects compare to NSW HSC subjects to check that you meet any course prerequisites, recommended studies and assumed knowledge, and also if you’ll be eligible for bonus points for specific courses.

To check which NSW HSC subjects are considered comparable to your IB subjects, see the table at www.uac.edu.au/undergraduate/faq/ib.shtml.
Selection rank
An offer to study at university is based on your selection rank, which is made up of your ATAR plus any bonus points you may be eligible for, plus consideration of any additional selection criteria.

Cut-offs
The cut-off for a course is the minimum selection rank needed by Year 12 applicants to gain entry to that course. The course listings in the UAC Guide and on UAC’s website show the course cut-off when offers were made in the Main Round of the previous year. The cut-offs include bonus points.

Cut-offs are determined by the institution and different courses in the same faculty at an institution may have different cut-offs. Similarly, the same course at different institutions may have different cut-offs.

When you are searching for courses, pay attention to the course cut-off. This is an indication of the minimum rank you will need for entry to that course.

For more information about bonus points, read the UAC Guide or visit UAC’s website at www.uac.edu.au/undergraduate/faq/atar-bonus.shtml

Educational Access Schemes (EAS)
Bonus points can also be awarded as a result of an application through EAS. Most institutions that participate through UAC have an EAS scheme for applicants who’ve experienced long-term educational disadvantage due to circumstances beyond their control or choosing, which has seriously affected their educational performance. A long-term educational disadvantage usually means a disadvantage that has lasted for at least six months.

For more information about EAS, read the UAC Guide or visit UAC’s website at www.uac.edu.au/eas

Need to know more?

Careers advisers, teachers and parents
Universities Admissions Centre (NSW & ACT)
www.uac.edu.au

- UAC Guide – published in July each year, the Guide is provided free through schools to NSW HSC and ACT Year 12 students. It is also available to buy from newsagents.
- Report on the Scaling of the NSW Higher School Certificate – published in May each year. Copies are provided free to schools. Printed copies are available to buy from UAC using the order form on UAC’s website or from UAC’s office. It can also be downloaded from UAC’s website.
- The Australian Tertiary Admission Rank in New South Wales: A Technical Report – printed copies are available to buy from UAC using the order form on UAC’s website or from UAC’s office. It can also be downloaded from UAC’s website.
- All About Your ATAR – published in December each year and distributed to Year 12 students. Printed copies of this leaflet are available from UAC’s office or it can be downloaded from UAC’s website.
- All About UAC for Student Advisers, Frequently Asked Questions About the ATAR and All About UAC for Parents – these booklets answer a range of questions about the ATAR and the admissions process, including selecting HSC subjects in years 10 and 11. Copies can be downloaded from UAC’s website.

It’s good to understand how bonus points work, but don’t be swayed into choosing certain subjects to receive bonus points. By the time you apply for tertiary study, schemes may have changed and it’s more important to focus on doing well.

There is more information about the selection process in the UAC Guide or on UAC’s website at www.uac.edu.au/undergraduate/admission/selection.shtml.

Bonus points
Some applicants may receive an offer to a course even though they have an ATAR below the published cut-off. Often this is because they’ve been awarded bonus points for that course. Bonus points do not change a student’s ATAR, but they do increase a student’s selection rank.

There are various types of bonus points for Year 12 students seeking entry to tertiary study, including:

- regional bonus points
- subject bonus points.

Each institution sets its own criteria for allocating these and some institutions require you to achieve a minimum ATAR before you are eligible to receive any bonus points.

Some institutions apply regional bonus points to students who live in a designated region, others apply regional bonus points to students who attend school in a designated region, and some institutions do both.

Subject bonus points recognise performance in Year 12 subjects relevant to specific courses. They can differ from institution to institution and from course to course within the same institution.

If you’re eligible for bonus points, they will be automatically added to your application. If you have any questions about bonus points, contact the institution.
FAQ about the ATAR

How many courses should I take in years 11 and 12?
The number of courses you study depends on how many courses you can realistically manage and succeed in. Generally, courses are two units and to be eligible for the HSC you must successfully complete at least 12 units of study in Year 11 and at least 10 units in Year 12. You must also study at least four subjects. Mathematics is a subject within that subject there are a number of courses – Mathematics General 2, Mathematics, HSC Mathematics Extension 1 and HSC Mathematics Extension 2.

If I decide to drop a course at the end of Year 11, what should I consider?
The most important thing for Year 11 students to consider is whether they will still be eligible for an ATAR if they drop any courses. Remember, to be eligible for an ATAR, students must satisfactorily complete at least 10 units of ATAR courses, including:

- eight units from Category A courses
- two units of English
- three Board Developed courses of two units or greater
- four subjects.

How do I know if the course I’m dropping is a prerequisite for a course or subject I’d like to study at uni?
There are a few places you can check course and subject prerequisites:

- The institution entries in Part 2 of this booklet
- the undergraduate course search on UAC’s website
- the UAC Guide
- institution websites.

Can I accelerate my HSC studies?
Yes, you can take a Year 12 course while in Year 11. The advantages of this can be:

- studying fewer courses in Year 12, meaning you can focus more on those units
- studying a broader range of subjects
- having extra units from which to draw your best 10 scaled marks for inclusion in your ATAR calculation.

If I complete an accelerated course in Year 11, who am I ranked with?
Courses are scaled in the year they are completed and the scaled mark is available for inclusion in the ATAR calculation when the student becomes ATAR eligible. The student is ranked with others in the same ATAR cohort.

How many units of maths can be included in the calculation of the ATAR?
Up to four units of maths can be included in the ATAR calculation. Students studying Mathematics Extension 1 should be aware that it has a different weighting (in terms of units) depending on whether Mathematics or Mathematics Extension 2 is taken as well. If students study Mathematics (2 units), then Mathematics Extension 1 accounts for 1 unit. If students study Mathematics Extension 2 (2 units), then Mathematics Extension 1 accounts for 2 units.
If a student completes Mathematics and then goes on to satisfactorily complete Mathematics Extension 1 and Mathematics Extension 2, their results in Mathematics will not be included in the ATAR calculation, even if they have excelled in it.

Can a Category B course completed in Year 11 be included in my ATAR calculation?
Yes. Any course completed in Year 11 will be available for inclusion in the ATAR calculation. Whether it is actually included will depend on whether it is among your best eight scaled units (after English).

Remember also that for a Category B course to be included in the ATAR calculation, the examination must be completed. Therefore, schools must ensure that students studying Category B courses are enrolled with BOSTES for the course and the exam.

Why do some courses scale better than others?
Courses have to be scaled so that marks in different courses can be compared with each other. Courses are scaled using the mean scores and distribution of marks, which indicate the ability of the course candidature. Courses such as Mathematics Extension 2 and Physics traditionally scale well because of this. However, students must achieve high HSC marks (and high positions) to gain any benefit from scaling.

Can I be disadvantaged by the school I attend?
No. The school you attend does not feature in the ATAR calculation. The ATAR calculation is based only on marks provided by BOSTES – no other information is used.

Can I be disadvantaged by where I live?
No, where you live is not used in the ATAR calculation.

Can I get a better ATAR by studying more units?
No. You cannot assume that simply by studying more units your ATAR will be increased. While students who study more units tend to gain higher ATARs, there are a number of reasons why, such as each student's interest, motivation, effort and time management.

Can I get a high ATAR studying courses such as Visual Arts, Business Studies and Hospitality?
Yes. It is possible to achieve a high ATAR regardless of courses studied. However, it is important to note that students who achieve very high ATARs are usually placed in the top group of students in all of their courses.

Can certain courses increase my ATAR?
No. Your ATAR indicates your overall position; that is, how well you have performed compared to other students. You can only maximise your ATAR by choosing courses you enjoy and do well in. It is a myth that choosing certain courses increases the ATAR.

Do ATARs include bonus points?
No. If institutions allocate bonus points they are not added to the ATAR. Bonus points are not ATAR points, they are just that – bonus points. Bonus points don’t change a student’s ATAR; they change the student’s selection rank for a particular course or institution.

How do I find out my ATAR?
ATARs are released on UAC’s website. Students log in to receive their ATAR. Written ATAR Advice Notices are also sent in the post.

When is the ATAR released?
ATARs are released in December each year on UAC’s website.

How do ACT students find out about the ATAR?
Information about the calculation of the ACT ATAR is available from the ACT Board of Senior Secondary Studies. Visit www.bsss.act.edu.au or call (02) 6205 7181.

Does UAC have an ATAR calculator?
No. UAC only advises students of their official ATARs on ATAR release day in December each year. UAC does not endorse the use of ATAR calculators. ATAR calculators do not use current data so can only be a general indication of a student’s possible ATAR.

What happens if a course is repeated?
Courses can be repeated over a period of up to five years. A student is considered to be repeating an HSC course if they:
- repeat the same course
- study a different course in the same subject area, apart from an extension course.

If a student repeats a course, only the marks for the latest satisfactory attempt will be available for inclusion in the calculation of their ATAR, even if they are lower than the earlier attempt.
Year 10 is a good time to start thinking about your future – not just what you’d like to do for the next two years, but what you’d like to do beyond that. Are you thinking of further study? Will you leave school and get a job or do an apprenticeship? The following pages will help you consider your options.
Being unsure of what you want to do next is quite common.

You may already know that you would like to go on to further study but not be sure of the type of course you’d enjoy.

If you’re looking at a specific career path you may already know what tertiary course you need to do. It’s important that you understand all the requirements for this course when you choose your Year 11 and 12 subjects.

Maybe the thought of more years of study after school isn’t right for you just now. Perhaps you want to get straight into the workforce, or take up a traineeship or apprenticeship.

If you enter the workforce, consider how workplaces change over time and the importance of continuing to learn as your career develops. If you decide to come back to study in the future, there are other pathways to entry. Choosing courses at school that give you the broadest range of future options will make this easier for you later.

Think about your future, consider your abilities, investigate your options and make a plan.

You might want to start with the following questions.

**Who inspires you?**

When thinking about your future, a good place to start is by looking around at who and what inspires you. If something inspires you it will motivate you to do your best.

This could be a person:

- your mum or dad
- other family members
- teachers
- neighbours or friends and their families
- someone prominent in public life like a community or church leader, politician or sportsperson.

Or it could be something you’ve seen or heard:

- a television show, movie or documentary
- a book.

Think about why these people or things inspire you. Is it what they do, the way they relate to others, their community spirit, the story they tell or the message they give?

The things that inspire you can shape your future goals and dreams.

**What do you like to do?**

Think about the type of person you are and your interests.

Do you like:

- doing things outside or inside?
- helping others?
- working with technology?
- organising things?
- talking to other people?
- finding out how things work?
- being original and creative?
- working on your own?
- working with others?

When planning your future career, consider your natural inclinations and abilities. For example, you may not be happy and successful as a park ranger if you don’t enjoy the outdoors.

**Fred and Laura**

Fred and Laura are in Year 10. At the moment the end of school seems a long way away, but they have started to consider their futures. They’re not sure what they want to do after school but their parents and teachers are encouraging them to consider going on to further study after Year 12.

Fred goes to school in the city and enjoys hanging out with his friends and playing football. He’s inspired by sports players and is the captain of his local football team.

Laura goes to school in the country and grew up on her family’s farm. She loves riding her horse and enjoys helping out with the sheep and working with her dad and brother on local Landcare projects.

Fred also enjoys playing on his computer; he particularly likes a stock market game that he plays with his friends. Fred’s dad is in business for himself and he’s been helping Fred beat his mates. He also likes photography and a couple of his football photos have been in the local paper.

So far in high school Fred has done well in geography, history and economics and he really likes these subjects, which makes it easy for him to stay focused.

Laura’s best marks are in science subjects and her teachers have encouraged her to continue with them in years 11 and 12. She also really enjoys history and art classes.

Throughout this booklet we’ll use Fred and Laura’s story to show how you can navigate your way to tertiary study.
What are you good at?

Think about your academic skills and interests. What subjects are you good at? What do you enjoy studying? Often these are the same because you do well at subjects you enjoy and are interested in.

Investigate the types of jobs that use these subjects as key parts of what they do. For example, being good at geography could lead you to a job as a town planner, tour guide, cartographer or civil engineer. Being good at languages could lead you to a job as a customs officer, foreign affairs and trade officer, language teacher or translator, or you could work in the importing and exporting business.

Also consider what you’re good at outside school. What extracurricular activities do you do? If you’re good with pets, find out about jobs involving animals.

The table on pages 19–24 will help link your interests to possible careers and subject choices.

Who can you talk to?

Talk to those around you about your options for the future. They may have some good suggestions and new ideas:

- Talk with your parents and family about their career choices.
- Talk to your teachers. They know your abilities and can give you suggestions about careers that may suit you.
- Talk to friends about what they’re interested in, and what they’ve found out that they can share with you.
- Organise your own work experience. Volunteer to work somewhere for a week to see if you enjoy it.
- Get a part-time job. It gives you a taste of what it’s like to be in the workforce.
- Visit careers expos and uni open days (see the list on page 2 of this booklet).
- Read the UAC Guide or visit the undergraduate course search on UAC’s website where you only need a keyword, like ‘music’ or ‘chemistry’ to search more than 1,800 tertiary courses.
- Copies of the UAC Guide are available from your careers adviser, school library or local newsagent, or you can contact UAC for copies. Year 12 students will receive a copy in July.
- Contact the institution you’re interested in and talk to them about your options. You can start by looking at their websites. See the list of UAC’s participating institutions on page 4.

Many tertiary institutions have school visit days so you can attend the campus, talk to lecturers and students and get a feel for what a tertiary institution is like. Ask your teacher about this or check the dates on page 2 and organise to attend an open day with your parents or friends.

For information about courses available, visit the UAC undergraduate course search at www.uac.edu.au/undergraduate/course-search/
Fred and Laura are considering their options for Year 11 and 12. Fred is interested in human movement, sport sciences, and physical education. He enjoys sport and fitness, and he is good at being a good communicator, leader, and motivator. Laura is interested in earth and environmental sciences, creative and performing arts, and business, commerce, economics, marketing, and management. She enjoys drawing and art, and she is interested in being outdoors and the environment. They will need to choose subjects for their HSC that will help them achieve their goals. For Fred, subjects might include biology, chemistry, mathematics, personal development, health and physical education, physics, or modern history. For Laura, subjects might include biology, chemistry, design and technology, earth and environmental science, mathematics, physics, or society and culture. From their research, it is clear that there are many exciting options for Fred and Laura’s futures.
Worksheet 1

The first step is to think about who you are: your interests, qualities and skills. Write these in the boxes below.

Then turn the page to the table ‘What are my options?’ and match your interests, qualities and skills with those in the left-hand column of the table. These are divided into subject areas and you may find you match one particular area of study, or several.

<table>
<thead>
<tr>
<th>Who am I?</th>
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<tbody>
<tr>
<td><strong>What am I interested in?</strong></td>
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<th>My personal qualities are...</th>
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<table>
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<th>My skills are...</th>
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<tr>
<td>eg writing, listening, drawing, solving problems</td>
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<tr>
<th>Who inspires me? Why?</th>
<th>Who can I talk to?</th>
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<tbody>
<tr>
<td></td>
<td>Three people I could talk to about my choices</td>
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### Worksheet 2

The next step is to write below the areas of study you matched in Worksheet 1 using the ‘What are my options?’ table on pages 19 and 24. Then work your way across the sheet, filling in each column from the information in the table.

In the final column you will end up with a list of subjects that best match your abilities and future plans.

<table>
<thead>
<tr>
<th>Areas of study, that match my interests, qualities and skills</th>
<th>What careers use those skills?</th>
<th>What courses could I study?</th>
<th>What subjects could I choose for years 11 and 12?</th>
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</table>
Now that you are thinking about your interests, qualities and skills, it’s time to explore the careers these could lead to, the courses you could study and the subjects you could choose to begin your journey.

Step 2: Explore
## What are my options?

Using the worksheets on pages 16–17, this table will help you map your interests, qualities and skills to some of the possible areas of study, careers, possible courses and then subjects.

These lists are not meant to be exhaustive; they are only a summary of what’s available. A full list of courses available each year is published in the UAC Guide and on UAC’s website.

### My interests, qualities and skills

<table>
<thead>
<tr>
<th>Careers that use my interests, qualities and skills</th>
<th>Courses I could study</th>
<th>Subjects I could choose for years 11 and 12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Agriculture, Rural Studies, Animal Science</strong></td>
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<tr>
<td>I’m interested in … the land, the environment, crop growing, farming, plants, animals and animal welfare. I’m … observant, confident with animals, organised, good with detail and patient. … and I’m good at … making things, planning, maths, technical drawing, manual work and working with animals.</td>
<td>I could be an … animal handler, conservation manager, farmer, grazer, horticulturalist, land manager, produce manager, stud manager/trainer, winemaker, wool classer.</td>
<td>I could study … agribusiness, agricultural science, animal production science, crop production, equine science and horse management, horticulture, farm and land management, plant pathology, post-harvest technology, viticulture and wine science, wool science, zoology. … and I could choose these subjects for years 11 and 12 … Agriculture, Biology, Chemistry, Earth and Environmental Science, English, Geography, Mathematics, Physics.</td>
</tr>
<tr>
<td><strong>Architecture, Building, Design and Planning</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I’m interested in … how things work, citiesscapes, buildings, building design, architecture, gardens and landscapes. I’m … artistic, imaginative, organised, good with detail, creative, orderly and conscientious. … and I’m good at … making things, coming up with original ideas, drawing, designing, and solving problems.</td>
<td>I could be an … architect, building manager, construction manager, environmental planner, estimator, industrial designer, interior designer, landscaper, property valuer, surveyor.</td>
<td>I could study … construction economics, construction/project management, construction technology, fashion design, industrial design, interior design, landscape architecture, property management, quantity surveying. … and I could choose these subjects for years 11 and 12 … Design and Technology, Engineering Studies, Industrial Technology, Mathematics, Physics, Visual Arts, Construction (B).</td>
</tr>
</tbody>
</table>

### Where can I study?

**Agriculture, Rural Studies, Animal Science**

- AMC, CQU, CSU, LTU, UNE, USYD, UTS, UWS

**Architecture, Building, Design and Planning**

- ANU, BBC, CQU, GU, ICMS, MQ, SCU, UC, UON, UNE, UNSW, USYD, UTS, UWS

### Key to Abbreviated Institution Names

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Name</th>
<th>Acronym</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACAP</td>
<td>Australian College of Applied Psychology</td>
<td>ACAP</td>
</tr>
<tr>
<td>ACNT</td>
<td>Australian College of Natural Therapies</td>
<td>ACNT</td>
</tr>
<tr>
<td>ACU</td>
<td>Australian Catholic University</td>
<td>ACU</td>
</tr>
<tr>
<td>AMC</td>
<td>Australian Maritime College</td>
<td>AMC</td>
</tr>
<tr>
<td>ANU</td>
<td>Australian National University</td>
<td>ANU</td>
</tr>
<tr>
<td>APM</td>
<td>APM College of Business and Communication</td>
<td>APM</td>
</tr>
<tr>
<td>BBC</td>
<td>Billy Blue College of Design</td>
<td>BBC</td>
</tr>
<tr>
<td>CQU</td>
<td>CQUniversity</td>
<td>CQU</td>
</tr>
<tr>
<td>CSU</td>
<td>Charles Sturt University</td>
<td>CSU</td>
</tr>
<tr>
<td>GU</td>
<td>Griffith University</td>
<td>GU</td>
</tr>
<tr>
<td>ICMS</td>
<td>International College of Management, Sydney</td>
<td>ICMS</td>
</tr>
<tr>
<td>JIN</td>
<td>Jansen Newman Institute</td>
<td>JIN</td>
</tr>
<tr>
<td>LTO</td>
<td>La Trobe University</td>
<td>LTO</td>
</tr>
<tr>
<td>MC</td>
<td>Macquay College</td>
<td>MC</td>
</tr>
<tr>
<td>MIT</td>
<td>MIT Sydney</td>
<td>MIT</td>
</tr>
<tr>
<td>MQ</td>
<td>Macquarie University</td>
<td>MQ</td>
</tr>
<tr>
<td>NAB</td>
<td>National Art School</td>
<td>NAB</td>
</tr>
<tr>
<td>SAE</td>
<td>SAE Creative Media Institute</td>
<td>SAE</td>
</tr>
<tr>
<td>SCU</td>
<td>Southern Cross University</td>
<td>SCU</td>
</tr>
<tr>
<td>SIBT</td>
<td>Sydney Institute of Business and Technology</td>
<td>SIBT</td>
</tr>
<tr>
<td>UC</td>
<td>University of Canberra</td>
<td>UC</td>
</tr>
<tr>
<td>UNE</td>
<td>University of New England</td>
<td>UNE</td>
</tr>
<tr>
<td>UNSW</td>
<td>UNSW Australia</td>
<td>UNSW</td>
</tr>
<tr>
<td>UNSW-ADFA</td>
<td>UNSW Canberra at the Australian Defence Force Academy</td>
<td>UNSW-ADFA</td>
</tr>
<tr>
<td>UOW</td>
<td>University of Wollongong</td>
<td>UOW</td>
</tr>
<tr>
<td>UOW University of Newcastle</td>
<td>UOW</td>
<td></td>
</tr>
<tr>
<td>UTS</td>
<td>University of Technology, Sydney</td>
<td>UTS</td>
</tr>
<tr>
<td>UWS</td>
<td>University of Western Sydney</td>
<td>UWS</td>
</tr>
<tr>
<td>WBC</td>
<td>William Blue College of Hospitality Management</td>
<td>WBC</td>
</tr>
</tbody>
</table>
**My interests, qualities and skills**

**Arts and Humanities**

*I'm interested in ...* current affairs, social issues, politics, world events, languages, writing and literature, religions and cultures, history

*I'm ...* artistic, creative, adventurous, conscientious, efficient, industrious, resourceful, imaginative

*... and I'm good at ...* creative writing, debating, languages, solving problems, thinking critically, using technology

**Careers that use my interests, qualities and skills**

*I could be an ...* anthropologist, archaeologist, archivist, gallery curator, historian, foreign affairs officer, government policy officer, journalist, producer, language specialist, media officer, researcher, social researcher, marketing manager, analyst, translator or interpreter

**Courses I could study**

*I could study ...* Aboriginal studies, archaeology, Asian studies, cinema studies, English, modern/ancient history, international studies, languages, literature, philosophy, political science, psychology, religious studies, sociology, women’s studies, media, communications, publishing

**Subjects I could choose for years 11 and 12**

*I could choose these subjects for years 11 and 12 ...* Aboriginal Studies, English (Advanced), Geography, History, International Studies, Languages, Social Sciences, Society and Culture, Textiles and Design, Visual Arts

**Where can I study?**

ACAP, ACU, ANU, CQU, CSU, GU, LTU, MQ, SCU, SIBT, UC, UON, UNE, UNSW, UNSW-ADFA, UOW, USYD, UTS, UWS

**Business, Commerce, Economics, Marketing and Management**

*I'm interested in ...* politics, economics, business, international affairs, current affairs, finance and banking, statistics, accounting

*I'm ...* good with money, ethical, organised, persuasive, independent, outgoing

*... and I'm good at ...* leadership, mathematics, solving problems, showing initiative, critical thinking, logical thinking and negotiating

**Communications and Media Studies**

*I'm interested in ...* current affairs, literature, popular culture, social media, world events, politics

*I'm ...* a good communicator, organised, imaginative, persuasive, creative, resourceful, an independent worker

*... and I'm good at ...* writing, public speaking, debating, thinking creatively, motivating people, analytical thinking, using initiative

**Creative and Performing Arts**

*I'm interested in ...* theatre, fashion, popular culture, music, photography, drawing, painting, creating things, research

*I'm ...* creative, good with detail, imaginative, organised, a good communicator, an independent worker, outgoing

*... and I'm good at ...* dancing, acting, performing, making things, playing an instrument, writing, photography, working things (technical skills), solving problems, using initiative, writing

**Where can I study?**

ACU, ANU, AMC, APM, ANU, CQU, CSU, GU, ICMS, LTU, MC, MIT, MQ, SCU, SIBT, UC, UON, UNE, UNSW, UNSW-ADFA, UOW, USYD, UTS, UWS, WBC

**Courses I could study**

*... and I could choose these subjects for years 11 and 12 ...* Business Studies, Economics, English, Mathematics, Society and Culture, Business Services (B), Human Services (B), Retail Services (B)

*... and I could choose these subjects for years 11 and 12 ...* English, History, Society and Culture, Visual Arts, Entertainment Industry (B)

*... and I could choose these subjects for years 11 and 12 ...* English, Dance, Design and Technology, Drama, Music, Software Design and Development, Textiles and Design, Visual Arts, Entertainment Industry (B)
<table>
<thead>
<tr>
<th>My interests, qualities and skills</th>
<th>Careers that use my interests, qualities and skills</th>
<th>Courses I could study</th>
<th>Subjects I could choose for years 11 and 12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Earth and Environmental Sciences</strong></td>
<td>I'm interested in ... being outdoors, the environment, nature, oceans, marine life, volcanoes, weather, waterways, diving, animals, bushwalking, science</td>
<td>I could be an ... environmental scientist, conservationist, forestry worker, fisheries manager, marine conservation officer, environmental officer, food and drug safety officer, resource manager, environmental planner, urban planner</td>
<td></td>
</tr>
<tr>
<td>I'm ... good with detail, organised, observant, resourceful</td>
<td>and I'm good at ... mathematics, design, science, working alone, working outdoors, critical thinking, solving problems</td>
<td>I could study ... climate change, conservation studies, environmental rehabilitation studies, food sustainability, forestry, geography (human and physical), geology, geophysics, marine resource and environmental management, sustainability</td>
<td>and I could choose these subjects for years 11 and 12 ... Biology, Chemistry, Design and Technology, Earth and Environmental Science, Mathematics, Physics, Society and Culture, Senior Science</td>
</tr>
<tr>
<td><strong>Education and Teaching</strong></td>
<td>I'm interested in ... helping others, being outdoors, social equality, teaching and learning, school, children</td>
<td>I could be a ... primary teacher, secondary teacher, early childhood teacher, corporate trainer, community educator, health and fitness consultant, personal trainer, fitness trainer</td>
<td>Where can I study? ACU, AMC, ANU, CSU, CQU, GU, LTU, MQ, SCU, UC, UON, UNE, UNSW, UNSW-ADFA, UOW, USYD, UTS, UWS</td>
</tr>
<tr>
<td>I'm ... active, a good communicator, patient, creative, organised, outgoing</td>
<td>and I'm good at ... time management, leadership, English, maths, planning, presentation, thinking critically</td>
<td>I could study ... adult education, community education, early childhood teaching, health education/promotion, human resource development, organisational learning, primary teaching, secondary teaching curriculum areas</td>
<td>Where can I study? ACU, ANU, CSU, GU, LTU, MQ, SCU, UC, UON, UNE, UNSW, UOW, USYD, UWS</td>
</tr>
<tr>
<td><strong>Engineering</strong></td>
<td>I'm interested in ... maths, science, construction, electronics, computers, programming, mechanics, how things work, robotics</td>
<td>I could be a ... civil engineer, electrical engineer, chemical or materials engineer, industrial engineer, manufacturer, mechanical engineer, production engineer, construction manager</td>
<td>Where can I study? AMC, ANU, CSU, CQU, GU, LTU, MQ, SCU, SIBT, UC, UON, UNE, UNSW, UNSW-ADFA, UOW, USYD, UTS, UWS</td>
</tr>
<tr>
<td>I'm ... organised, creative, good with detail, technically minded, patient, persistent, resourceful, analytical</td>
<td>and I'm good at ... drawing, planning, computing, leadership, designing, solving problems</td>
<td>I could study ... civil, computer, construction, electrical, environmental or mechanical engineering, engineering science, robotics, mechatronics, telecommunications</td>
<td>and I could choose these subjects for years 11 and 12 ... Chemistry, Engineering Studies, Mathematics, Physics, Construction (B), Metal and Engineering (B), Information and Digital Technology (B)</td>
</tr>
<tr>
<td><strong>Health Sciences</strong></td>
<td>I'm interested in ... health, nutrition, how the body works, people, science, alternative medicines, helping others</td>
<td>I could be an ... ambulance officer, a paramedic, podiatrist, radiographer, occupational therapist, chiropractor, forensics consultant, doctor, physiotherapist, speech therapist, audiologist, sonographer, community health worker, nurse, medical researcher, medical scientist, health researcher, nutritionist, dietician, dental hygienist, pharmacist</td>
<td>Where can I study? ACAP, ACNT, ACU, ANU, CQU, GU, JNI, LTU, MQ, SCU, UC, UON, UNE, UNSW, UOW, USYD, UTS, UWS</td>
</tr>
<tr>
<td>I'm ... caring, curious, dependable, patient, a good communicator, critical thinker, organised, observant, open minded</td>
<td>and I'm good at ... leadership, fine motor skills, solving problems, working with others, time management, listening</td>
<td>I could study ... biomedical sciences, chiropractic science, Chinese medicine, clinical science, dental science, medical imaging, medical laboratory science, naturopathy, nuclear medicine, nutrition and dietetics, occupational therapy, osteopathy, physiotherapy, podiatry, radiography, speech therapy, therapy, oral health</td>
<td>and I could choose these subjects for years 11 and 12 ... Biology, Chemistry, Personal Development, Health and Physical Education (PDHPE), Mathematics, Physics</td>
</tr>
</tbody>
</table>

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**Courses I could study for years 11 and 12**

- AMC, ANU, CSU, CQU, GU, LTU, MQ, SCU, SIBT, UC, UON, UNE, UNSW, UNSW-ADFA, UOW, USYD, UTS, UWS

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**Here can I study?**

- ACU, AMC, ANU, CSU, CQU, GU, LTU, MQ, SCU, UC, UON, UNE, UNSW, UNSW-ADFA, UOW, USYD, UTS, UWS
<table>
<thead>
<tr>
<th>My interests, qualities and skills</th>
<th>Careers that use my interests, qualities and skills</th>
<th>Courses I could study</th>
<th>Subjects I could choose for years 11 and 12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Human Movement, Sport Sciences and Physical Education</strong></td>
<td><strong>I'm interested in</strong> ... sport, coaching, fitness and exercise, how the body works, nutrition, biology, health, helping others, being outdoors</td>
<td><strong>I could be a</strong> ... disease prevention educator, exercise scientist, fitness counsellor, exercise rehabilitation worker, medical scientist, medical researcher, occupational therapist, sport scientist, sports coach, trainer</td>
<td><strong>... and these are subjects I could choose for Year 11 and 12</strong> ... Biology, Chemistry, Mathematics, Personal Development, Health and Physical Education (PDHPE), Physics, Modern History</td>
</tr>
<tr>
<td><strong>I'm interested in ...</strong></td>
<td><strong>I could be a ...</strong></td>
<td><strong>I could study ...</strong></td>
<td><strong>Where can I study?</strong></td>
</tr>
<tr>
<td>My interests, qualities and skills</td>
<td>My interests, qualities and skills</td>
<td>My interests, qualities and skills</td>
<td>My interests, qualities and skills</td>
</tr>
<tr>
<td>I'm interested in ...</td>
<td>I could be a ...</td>
<td>I could study ...</td>
<td>Where can I study?</td>
</tr>
<tr>
<td>sport, coaching, fitness and exercise, how the body works, nutrition, biology, health, helping others, being outdoors</td>
<td>disease prevention educator, exercise scientist, fitness counsellor, exercise rehabilitation worker, medical scientist, medical researcher, occupational therapist, sport scientist, sports coach, trainer</td>
<td>exercise physiology, exercise science, sports coaching, sports journalism, sports management, sports psychology, anatomy and physiology, psychology</td>
<td>ACNT, ACU, CQU, CSU, GU, ICMS, SCU, UC, UON, UNE, UNSW, UOW, USYD, UTS, UWS</td>
</tr>
<tr>
<td><strong>Information Technology</strong></td>
<td><strong>I'm interested in ...</strong> computers, internet, web technologies, social media, electronics, programming, designing</td>
<td><strong>I could be a ...</strong> systems analyst, software developer, computer programmer, IT consultant, graphic designer, game designer, web designer, digital media producer, filmmaker, illustrator, photographer, visual effects artist</td>
<td><strong>... and I could choose these subjects for years 11 and 12</strong> ... Business Studies, Design and Technology, English, Mathematics, Information Processes and Technology, Information and Digital Technology (B), Software Design and Development</td>
</tr>
<tr>
<td><strong>I'm interested in ...</strong></td>
<td><strong>I could be a ...</strong></td>
<td><strong>I could study ...</strong></td>
<td>Where can I study?</td>
</tr>
<tr>
<td>I'm interested in ...</td>
<td>I could be a ...</td>
<td>I could study ...</td>
<td>Where can I study?</td>
</tr>
<tr>
<td>computers, internet, web technologies, social media, electronics, programming, designing</td>
<td>systems analyst, software developer, computer programmer, IT consultant, graphic designer, game designer, web designer, digital media producer, filmmaker, illustrator, photographer, visual effects artist</td>
<td>computing, computer science, electronics, information systems, information technology, programming, software engineering</td>
<td>ACU, ANU, BBC, CQU, CSU, GU, MIT, MQ, SAE, SCU, SIBT, UC, UON, UNE, UNSW, UNSW-ADFA, UOW, USYD, UTS, UWS</td>
</tr>
<tr>
<td><strong>Law</strong></td>
<td><strong>I'm interested in ...</strong> research, justice, fairness, equality, current affairs, politics, helping others</td>
<td><strong>I could be a ...</strong> legal adviser, legal officer, legal researcher, politician, police officer, barrister, solicitor, judge, magistrate</td>
<td><strong>... and I could choose these subjects for years 11 and 12</strong> ... Business Studies, Economics, English, Society and Culture</td>
</tr>
<tr>
<td><strong>I'm interested in ...</strong></td>
<td><strong>I could be a ...</strong></td>
<td><strong>I could study ...</strong></td>
<td>Where can I study?</td>
</tr>
<tr>
<td>I'm interested in ...</td>
<td>I could be a ...</td>
<td>I could study ...</td>
<td>Where can I study?</td>
</tr>
<tr>
<td>research, justice, fairness, equality, current affairs, politics, helping others</td>
<td>legal adviser, legal officer, legal researcher, politician, police officer, barrister, solicitor, judge, magistrate</td>
<td>law, conveyancing, justice studies, legal studies, paralegal studies, political studies</td>
<td>ACU, ANU, CQU, CSU, GU, MQ, SCU, UC, UON, UNE, UNSW, UOW, USYD, UTS, UWS</td>
</tr>
<tr>
<td><strong>Medical Sciences and Medicine</strong></td>
<td><strong>I'm interested in ...</strong> the environment, health, nutrition, how the body works, people, science, alternative medicines, helping others, research, experimenting</td>
<td><strong>I could be a ...</strong> doctor, biomedical engineer, chiropractor, forensic officer, genetic counsellor, medical researcher, pathologist, pharmacist, biochemist, laboratory technician, radiologist, sonographer</td>
<td><strong>... and I could choose these subjects for years 11 and 12</strong> ... Biology, Chemistry, Mathematics, Physics, Community and Family Services, Senior Science</td>
</tr>
<tr>
<td><strong>I'm interested in ...</strong></td>
<td><strong>I could be a ...</strong></td>
<td><strong>I could study ...</strong></td>
<td>Where can I study?</td>
</tr>
<tr>
<td>I'm interested in ...</td>
<td>I could be a ...</td>
<td>I could study ...</td>
<td>Where can I study?</td>
</tr>
<tr>
<td>the environment, health, nutrition, how the body works, people, science, alternative medicines, helping others, research, experimenting</td>
<td>doctor, biomedical engineer, chiropractor, forensic officer, genetic counsellor, medical researcher, pathologist, pharmacist, biochemist, laboratory technician, radiologist, sonographer</td>
<td>health sciences, biomedical sciences, medicine, nanotechnology, optometry, pharmacy</td>
<td>ANU, CQU, CSU, GU, MQ, SCU, UC, UON, UNE, UNSW, UOW, USYD, UTS, UWS</td>
</tr>
</tbody>
</table>
## My interests, qualities and skills

### Nursing and Midwifery

**I’m interested in ...**
- healthcare, helping others, how the body works, people, science, mothers and babies, childbirth

**I’m ...**
- caring, kind, a good communicator, dependable, supportive, responsible, tolerant, patient, organised

**... and I’m good at ...**
- using initiative, teamwork, working with others, listening

### Science, Applied Science and Technology

**I’m interested in ...**
- chemistry, science, the environment, weather patterns, people and communities, marine life, space, astronomy, planes, research, computers, experimenting, animals, nature, psychology, farming

**I’m ...**
- curious, organised, creative, good with detail, observant, resourceful

**... and I’m good at ...**
- solving problems, critical thinking, leadership, mathematics, logical thinking, chemistry, biology

### Social Sciences

**I’m interested in ...**
- people and communities, world events, current affairs, politics, health, social responsibility, immigration, policing, justice, fairness, working with people, helping others

**I’m ...**
- organised, a good communicator, curious, resourceful, fair, helpful

**... and I’m good at ...**
- critical thinking, making decisions, solving problems

## Careers that use my interests, qualities and skills

### Nursing and Midwifery

**I could be a ...**
- nurse, midwife, surgical nurse, paediatric nurse, aged care nurse, community health nurse, disability care nurse, critical care nurse, nurse educator, health administration, occupational health, Indigenous health, mental health, pharmaceutical sales, social and health policy officer

## Courses I could study

### Nursing and Midwifery

**I could study ...**
- nursing, health sciences, midwifery, behavioural and social sciences, Indigenous culture, primary healthcare medical/surgical nursing, perioperative nursing, high-dependency nursing, oncology, palliative care, aged care, paediatrics, maternal and infant care, mental health, rehabilitation, community nursing

## Subjects I could choose for years 11 and 12

### Nursing and Midwifery

**Where can I study?**
- ACU, CQU, CSU, GU, LTU*, SCU*, UC*, UON*, UNE, UOW, USYD, UTS*, *Includes Midwifery

## Where can I study?

### Science, Applied Science and Technology

**I could be a ...**
- researcher, medical marketer, medical advocate, laboratory technician, counsellor, community worker, sports psychologist, field researcher, urban planner, data analyst, geologist, aviation engineer, vet, zookeeper

**I could study ...**
- agricultural science, applied studies, aviation science, biological science, chemistry, environmental science, equine science, food science or technology, forensics, horticulture, marine science, mathematics, medical science, nanotechnology, physics psychology, statistics, technology, veterinary science, zoology

**... and I could choose these subjects for years 11 and 12 ...**
- Biology, Chemistry, English, Mathematics, Community and Family Services, Senior Science

**Where can I study?**
- ACAP, ACU, AMC, ANU, CQU, CSU, GU, LTU, MQ, SCU, SIBT, UC, UON, UNE, UNSW, UNSW-ADFA, UOW, USYD, UTS, UWS

### Social Sciences

**I could be an ...**
- occupational therapist, community care officer, social worker, vocational guidance counselor, welfare support officer, welfare worker, legal practitioner

**I could study ...**
- behavioural science, commerce, criminology, geography, policing policy studies, social ecology, sociology

**... and I could choose these subjects for years 11 and 12 ...**
- English, Modern History, Economics, Geography, Mathematics, Society and Culture

**Where can I study?**
- ACAP, ACU, ANU, CQU, CSU, GU, JNI, LTU, MQ, SCU, UC, UON, UNE, UNSW, UOW, USYD, UTS, UWS
### My interests, qualities and skills

#### Social Work and Welfare

- **I'm interested in** ... people and cultures, health, social responsibility, fairness, helping others
- **I'm** ... organised, caring, a good communicator, curious, resourceful, fair, helpful
- **... and I'm good at** ... critical thinking, making decisions, solving problems

- **I could be a** ... community care officer, social worker, welfare support officer, welfare worker, aged care worker, disability officer, migrant welfare officer, child protection officer

- **I could study** ... social work, children and young people, ageing, health and disability, Indigenous studies, social policy, sociology, psychology, social research, research skills

- **... and I could choose these subjects for years 11 and 12** ... Economics, English, Modern History, Society and Culture, Mathematics

**Where can I study?**

- ACAP, ACU, CQU, CSU, GU, JNI, LTU, SCU, UON, UNE, UNSW, UOW, USYD, UWS

#### Tourism and Hospitality Management

- **I'm interested in** ... travel, people and cultures, world events, languages, helping others, being outdoors, being active
- **I'm** ... organised, good with detail, a good communicator, confident, patient, persistent, sincere, friendly, flexible, punctual
- **... and I'm good at** ... languages, leadership, planning, serving customers, solving problems, working with people from diverse backgrounds

- **I could be a** ... tour operator, event manager, hotel manager, travel consultant, resort manager, environmental planner, restauranteur

- **I could study** ... event management, hotel management, leisure studies, recreational management and planning, tourism management, sport management

- **... and I could choose these subjects for years 11 and 12** ... Economics, English, languages, Mathematics, Society and Culture

**Where can I study?**

- APM, CQU, CSU, GU, ICMS, MC, SCU, UC, UON, UOW, UTS, UWS, WBC
In the previous section you explored how your interests may lead to certain careers, areas of study and possible subject choices. Now it’s time to decide on your subjects for years 11 and 12.
We know that Fred is interested in both sports-based and business degrees. These areas of study have the subject of Mathematics in common, so Fred’s first HSC course choice is Mathematics. He’s also decided to choose Business Studies and a science, Biology, to cover his interests. English is compulsory so Fred needs to choose two more subjects. He chooses Modern History and Visual Arts to make up his 12 units.

We know Laura is interested in degrees involving agriculture and the environment. Common subjects in these areas of study are Biology and Mathematics. Laura has also done well in science so these are good HSC course choices for her. She then chooses Visual Arts, which covers her artistic interests, along with English, which is compulsory. Laura also chooses Modern History, which she thinks will be interesting, and Business Studies, which her mother thinks may be useful in managing the farm.

With the HSC courses they’ve chosen both Fred and Laura will have a good background knowledge of key subjects in these degree areas if they decided to study them.

Fred and Laura have decided on the same courses for the HSC: Biology, Business Studies, English (Advanced), Mathematics, Modern History and Visual Arts.

HSC subjects and courses

At this stage don’t think about what ATAR you need for entry to a specific course at a specific university as this could change once you are ready to apply. Think more about the courses or subject areas you are interested in and what will work best to help you get there. Open your mind to the multitude of possibilities.

This booklet discusses both HSC subjects and HSC courses. A subject is the general name given to an area of study. A course is a branch of study within a subject. A subject may have several courses. For example the subject of English has the courses of English as a Second Language, English (Standard), English (Advanced), HSC English Extension 1 and HSC English Extension 2. HSC subjects and HSC courses are listed in the table on pages 30–31.

If you want to study at uni but still can’t decide on a course, choose subjects that will give you flexibility. For example, if you like both science and history you could pick from among the science and history subjects in years 11 and 12 (eg Ancient History, Biology, Chemistry, Modern History, Physics and Senior Science). You would then be prepared for further study in either subject. Keep your options flexible so when you are more sure about what you want to do, you’re already on the way to getting there.

If you’re sure you don’t want to go to university then your choice of subjects for years 11 and 12 will not be based on ATAR eligibility. But you may change your mind in the next couple of years and it may help you apply for tertiary study if you have an ATAR, so you could choose subjects that make you eligible for an ATAR.

Requirements

Some tertiary courses require you to have studied certain subjects, or their equivalent, or to have achieved a specific standard before you’ll be offered a place in the course.

If you’re sure about what you want to study at uni, make sure you can answer the following questions about your course:

- Are there any prerequisites?
- Is there any assumed knowledge?
- Are there recommended studies?
- Are there any additional selection criteria?

These requirements can be found in the institution entries in Part 2 of this booklet. Part 2 is divided into main areas of study at each institution, so it’s a good idea to check a couple of different institutions you’re interested in for their requirements. Institutions describe their entry requirements in different ways because they have different policies.

With his main areas of interest being sport and business, Fred has looked at a couple of courses in these areas at some of the universities in his city and checked to see if there are prerequisites, assumed knowledge, recommended studies or any additional selection critiria. Fred has found that if he were to apply for a degree in sport or exercise management he would need to have Mathematics and any two units of English as assumed knowledge. Luckily, he has chosen Mathematics, and English is on his list because it’s compulsory.

Laura has checked with the institution in her area about a degree in agriculture. It advises Biology and/or Chemistry as recommended studies with Mathematics as assumed knowledge. Laura has chosen both Biology and Mathematics so she is covered if she goes on to study this course.
Choosing courses

Category A courses

This is a general guide to HSC Category A subjects and courses accepted by institutions in NSW and the ACT for entrance purposes. Always check with the relevant institution to confirm the information. Category A courses are listed in the table on pages 30–31.

English

In New South Wales, studying English is compulsory and two units of English must be included in the calculation of your ATAR. In addition, some institutions require English as a subject prerequisite or course prerequisite. Check the areas of study in each institution entry for details. If you are considering studying English at tertiary level, English (Advanced) or HSC English Extension 1 is usually recommended.

Students who complete the Stage 6 Content Endorsed course English Studies are not eligible for an ATAR.

Biology/Chemistry/Earth and Environmental Science/Physics/Senior Science

If you wish to study a course based on science at tertiary level – for example, agriculture, engineering, natural resources, computing, medical or rural science – you are advised to study as much science and mathematics as you can at school. You can do this by taking as many courses as you are able to handle within the HSC rules.

Mathematics

A knowledge of mathematics is desirable for some tertiary courses. It is also recommended, along with physics, for all degree courses requiring a study of physics.

Ideally you should select either HSC Mathematics Extension 1 or HSC Mathematics Extension 2 if you wish to continue studying mathematics, mathematical statistics, actuarial studies or computer science beyond your first year at uni. These courses are the best preparation for the study of all branches of engineering and physics after the first year.

Mathematics (not Mathematics General 2) is recommended by most institutions as the minimum requirement for further study in a variety of subjects, including architecture, agricultural economics, biological sciences, business, chemistry, commerce, economics, geology, psychology, social sciences, statistics, and urban and regional planning.

Note: Stage 6 Content Endorsed course Mathematics General 1 cannot be included in the ATAR calculation.

HSC Mathematics Extension 1 – the unit value of this course changes depending on whether the course is taken in combination with Mathematics or HSC Mathematics Extension 2, as follows:

- Mathematics (2-unit) + HSC Mathematics Extension 1 (1-unit)
- HSC Mathematics Extension 1 (2-unit) + HSC Mathematics Extension 2 (2-unit)

Languages (other than English)

Most institutions offer courses in languages for first-year students who have no previous knowledge of the particular language.

If you are considering further study in a language, however, including the language in your HSC program is to your advantage. This may be essential if you intend to proceed to fourth-year honours in that language.

Also ask the relevant institution whether specific requirements have been set for the study of a language.

Beginners courses are accepted by all institutions for entrance purposes but are not recommended as preparation for study in that subject.

Ancient History/Economics/Geography/Modern History

Any of these HSC courses may be included in your HSC program to satisfy tertiary entrance requirements. At tertiary level, however, they are taught on the assumption that students have not studied them previously.

Music

Music can be included in your HSC program by studying Music 1, Music 2 or HSC Music Extension. If you are considering further study in music, find out the minimum entry standard required. Some courses require an audition.

Visual Arts

The study of HSC Visual Arts is acceptable for entrance purposes. If you are considering further study in visual arts, however, find out the minimum entry standard required. Most courses require presentation of a portfolio of work. This is indicated under additional selection criteria in the areas of study for the institution.

Agriculture/Engineering Studies

These HSC courses are accepted by institutions for entrance purposes. Agriculture is a useful preparation if you intend to study agricultural science, agricultural economics or rural science, the best preparation includes Chemistry, Physics and Mathematics, while Chemistry, Physics and HSC Mathematics Extension 1 is a useful preparation for the study of engineering.

These HSC courses are accepted by all institutions for entrance purposes.

Subject choice examples

Following are examples of possible subject combinations chosen by students for years 11 and 12. Remember that you must have at least two units of English.

First, let’s look at Fred and Laura’s subject choices.

Fred and Laura

<table>
<thead>
<tr>
<th>Subject</th>
<th>Units</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>2</td>
<td>A</td>
</tr>
<tr>
<td>Business Studies</td>
<td>2</td>
<td>A</td>
</tr>
<tr>
<td>English (Advanced)</td>
<td>2</td>
<td>A</td>
</tr>
<tr>
<td>Mathematics</td>
<td>2</td>
<td>A</td>
</tr>
<tr>
<td>Geography</td>
<td>2</td>
<td>A</td>
</tr>
<tr>
<td>Financial Services</td>
<td>2</td>
<td>B</td>
</tr>
<tr>
<td>Hospitality</td>
<td>2</td>
<td>B</td>
</tr>
<tr>
<td>Tourism and Events</td>
<td>2</td>
<td>B</td>
</tr>
</tbody>
</table>

Fred and Laura are eligible for an ATAR because they meet all the ATAR eligibility rules (see pages 6–7). They are also undertaking 12 units, so even if they drop a subject (other than English) for Year 12 they will both still be eligible for an ATAR.

Category B courses

Remember that only the best two units from your Category B courses are available for inclusion in the calculation of your ATAR. Category B courses are listed in the table on page 31.

Courses that don’t contribute to the ATAR

- English Studies
- Mathematics General 1
- HSC-University Pathways program

Jodie

<table>
<thead>
<tr>
<th>Subject</th>
<th>Units</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (Advanced)</td>
<td>2</td>
<td>A</td>
</tr>
<tr>
<td>Mathematics</td>
<td>2</td>
<td>A</td>
</tr>
<tr>
<td>Geography</td>
<td>2</td>
<td>A</td>
</tr>
<tr>
<td>Financial Services</td>
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<td>B</td>
</tr>
<tr>
<td>Hospitality</td>
<td>2</td>
<td>B</td>
</tr>
<tr>
<td>Tourism and Events</td>
<td>2</td>
<td>B</td>
</tr>
</tbody>
</table>

Jodie is not eligible for an ATAR because she is studying 6 units of Category A courses and 6 units of Category B courses. Remember, no more than 2 units of Category B courses can be used in the calculation of the ATAR. She therefore only has 8 units of courses that can be used to calculate the ATAR. To be eligible for an ATAR you need to have 10 units of ATAR courses.
At the end of Year 11, Trevor decided to drop Chemistry and Biology and take on Mathematics Extension 2 and English Extension 2. Trevor’s new pattern of study now looks like this:

**Trevor – Year 12**

<table>
<thead>
<tr>
<th>Subject</th>
<th>ATAR Units</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (Advanced)</td>
<td>2</td>
<td>A</td>
</tr>
<tr>
<td>English Extension 1</td>
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<td>A</td>
</tr>
<tr>
<td>English Extension 2</td>
<td>1</td>
<td>A</td>
</tr>
<tr>
<td>Mathematics</td>
<td>0</td>
<td>A</td>
</tr>
<tr>
<td>Mathematics Extension 1</td>
<td>2</td>
<td>A</td>
</tr>
<tr>
<td>Mathematics Extension 2</td>
<td>2</td>
<td>A</td>
</tr>
<tr>
<td>Ancient History</td>
<td>2</td>
<td>A</td>
</tr>
</tbody>
</table>

Even though Trevor is studying all Category A courses, he is not eligible for an ATAR because he hasn’t considered the eligibility rules. There are a few things to remember.

First, only up to four units of maths can be included in the ATAR calculation. So taking Mathematics, Mathematics Extension 1 and Mathematics Extension 2 means 2-unit Mathematics will no longer be available for Trevor’s ATAR calculation, even if he excels in it.

Also, to be eligible for an ATAR you must have completed four subjects. Trevor has only completed three subjects: English, Mathematics and Ancient History.

If Tammy keeps all her courses she will be ATAR eligible. But if Tammy drops a course this may change depending on which course she drops.

For example, if Tammy drops Business Services she will still be ATAR eligible as she still meets the ATAR eligibility rules of 8 units of Category A courses and 2 units of Category B courses.

But if Tammy decides to drop Legal Studies she will no longer be eligible for an ATAR as she will only have 6 units of Category A courses and 4 units of Category B courses.
### HSC Board Developed courses to be examined in 2017

#### Category A courses

<table>
<thead>
<tr>
<th>Number</th>
<th>Course name</th>
<th>Unit value</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>15000</td>
<td>Aboriginal Studies</td>
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<td>Aboriginal Studies</td>
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<tr>
<td>15010</td>
<td>Agriculture</td>
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</tr>
<tr>
<td>15020</td>
<td>Ancient History</td>
<td>2</td>
<td>Ancient History</td>
</tr>
<tr>
<td>15280</td>
<td>HSC History Extension</td>
<td>1</td>
<td>Ancient History</td>
</tr>
<tr>
<td>15030</td>
<td>Biology</td>
<td>2</td>
<td>Biology</td>
</tr>
<tr>
<td>15040</td>
<td>Business Studies</td>
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<td>Business Studies</td>
</tr>
<tr>
<td>15050</td>
<td>Chemistry</td>
<td>2</td>
<td>Chemistry</td>
</tr>
<tr>
<td>15060</td>
<td>Community and Family Studies</td>
<td>2</td>
<td>Community and Family Studies</td>
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<tr>
<td>15070</td>
<td>Dance</td>
<td>2</td>
<td>Dance</td>
</tr>
<tr>
<td>15080</td>
<td>Design and Technology</td>
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<td>Design and Technology</td>
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<tr>
<td>15090</td>
<td>Drama</td>
<td>2</td>
<td>Drama</td>
</tr>
<tr>
<td>15100</td>
<td>Earth and Environmental Science</td>
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<td>Earth and Environmental Science</td>
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<tr>
<td>15110</td>
<td>Economics</td>
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<td>15120</td>
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<td>15130</td>
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<td>English (Advanced)</td>
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</tr>
<tr>
<td>15170</td>
<td>HSC English Extension 2</td>
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</tr>
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<td>15180</td>
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<td>15190</td>
<td>Geography</td>
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<tr>
<td>15200</td>
<td>Industrial Technology</td>
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<td>Industrial Technology</td>
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<td>15210</td>
<td>Information Processes and Technology</td>
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<td>Information Processes and Technology</td>
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<td>15220</td>
<td>Legal Studies</td>
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<td>Legal Studies</td>
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<td>15235</td>
<td>Mathematics General 2</td>
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<td>15250</td>
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<td>HSC Mathematics Extension 2</td>
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<td>15290</td>
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<td>Society and Culture</td>
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<td>Society and Culture</td>
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<tr>
<td>15360</td>
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<td>Software Design and Development</td>
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<tr>
<td>15370</td>
<td>Studies of Religion I</td>
<td>1</td>
<td>Studies of Religion</td>
</tr>
<tr>
<td>15380</td>
<td>Studies of Religion II</td>
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<td>Studies of Religion</td>
</tr>
<tr>
<td>15390</td>
<td>Textiles and Design</td>
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<td>Textiles and Design</td>
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<tr>
<td>15400</td>
<td>Visual Arts</td>
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#### Languages

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<th>Subject</th>
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<td>Arabic Continuers</td>
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<td>Chinese Beginners</td>
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<td>Chinese</td>
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<td>15550</td>
<td>Chinese Continuers</td>
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<td>15555</td>
<td>Heritage Chinese</td>
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<td>Chinese</td>
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<tr>
<td>15560</td>
<td>Chinese Background Speakers</td>
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<td>Chinese</td>
</tr>
<tr>
<td>15570</td>
<td>HSC Chinese Extension</td>
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<td>15580</td>
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<td>Classical Greek</td>
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<td>15600</td>
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<td>Classical Hebrew</td>
</tr>
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<td>Croatian Continuers</td>
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<td>Filipino Continuers</td>
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<td>Filipino</td>
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<tr>
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<td>French Beginners</td>
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<td>Hindi Continuers</td>
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<td>Hindi</td>
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<td>Hungarian Continuers</td>
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<td>Hungarian</td>
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<td>Indonesian Beginners</td>
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</tr>
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<td>Indonesian Continuers</td>
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<td>Indonesian Background Speakers</td>
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<td>Indonesian</td>
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<td>Italian</td>
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<td>Macedonian Continuers</td>
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<td>Malay Background Speakers</td>
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<td>Malay</td>
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<td>Maltese Continuers</td>
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<td>Maltese</td>
</tr>
<tr>
<td>15970</td>
<td>Modern Greek Beginners</td>
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<td>Modern Greek</td>
</tr>
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<td>Modern Greek Continuers</td>
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<td>HSC Modern Greek Extension</td>
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<td>16000</td>
<td>Modern Hebrew Continuers</td>
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### Category B courses

<table>
<thead>
<tr>
<th>Number</th>
<th>Course name</th>
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<tbody>
<tr>
<td>26099</td>
<td>Automotive (Examination) §</td>
<td>2</td>
<td>Automotive ‡</td>
</tr>
<tr>
<td>26199</td>
<td>Business Services (Examination) §</td>
<td>2</td>
<td>Business Services ‡</td>
</tr>
<tr>
<td>26299</td>
<td>Construction (Examination) §</td>
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<td>Electrotechnology (Examination) §</td>
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<td>26499</td>
<td>Entertainment Industry (Examination) §</td>
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<td>27299</td>
<td>Financial Services (Examination) §</td>
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<td>Hospitality (Examination) §</td>
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<td>Hospitality ‡</td>
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<td>Human Services (Examination)</td>
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<td>27399</td>
<td>Information and Digital Technology (Examination) §</td>
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<td>Information and Digital Technology ‡</td>
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<td>Metal and Engineering (Examination) §</td>
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<td>Metal and Engineering ‡</td>
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<td>27899</td>
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<td>26999</td>
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</tr>
<tr>
<td>27499</td>
<td>Tourism, Travel and Events (Examination) §</td>
<td>2</td>
<td>Tourism, Travel and Events ‡</td>
</tr>
</tbody>
</table>

**Notes**

1. You can study both Ancient History and Modern History, but there is only one HSC History Extension course. It is considered a course within the subject of either Modern History or Ancient History.

2. You must study Music 2 if you wish to study HSC Music Extension.

3. You may study either Studies of Religion I or Studies of Religion II, but not both.

4. You may study only one of the following languages: Croatian, Macedonian, Serbian.

5. A student can only count either Malay Background Speakers or Indonesian Background Speakers in their pattern of study.

6. These are 240-hour Vocational Education and Training (VET) courses. An optional written examination is offered for the HSC. If you want the results from these courses to be available for inclusion in the calculation of your ATAR, subject to ATAR eligibility (read pages 6–7), you must undertake the optional written examination.

7. Other courses are available in these VET subject areas. However, they are not available for inclusion in the calculation of the ATAR as there is no graded assessment in the courses. The courses range from 120 indicative hour courses to 60 or 120 indicative hour extension courses. Specialisation studies are also available in some subject areas. Check with your school or the BOSTES website at www.bostes.nsw.edu.au for more information.

8. The unit value of this course changes depending on whether the course is taken in combination with Mathematics or HSC Mathematics Extension 2. See ‘Mathematics’ on page 27.

9. Punjabi Continuers will be examined for the first time in 2016. It has been categorised as a Category A course.

10. Tourism, Travel and Events will be examined for the first time in 2015. It has been categorised as a Category B course.
Common terms and abbreviations

Following is a summary of terms generally used by UAC and our participating institutions. Take a few minutes to read these definitions as they will help you to understand the information provided in this booklet.

Academic year
The part of the year when students attend classes. It normally begins in February/March each year and ends with the examination period in November/December. It may comprise two semesters or three terms.

Additional selection criteria
Requirements, either in addition to, or instead of, normal entry requirements used by institutions for selection purposes for a particular course. These may include interviews, auditions, portfolios, supporting statements, questionnaires and tests.

You should find out as soon as possible if the course you’re interested in has additional selection criteria as some of these require materials and evidence of experience to be compiled or documented during years 11 and 12.

Admission requirements
The minimum qualifications required for entry to a particular course. Entry to many courses is competitive and the attainment of these minimum qualifications does not guarantee you will be offered a place.

Advanced diploma
An award requiring two or three years of full-time or equivalent part-time study.

Areas of study
A general guide to the areas of study offered by institutions is provided in the table on pages 19–24.

Associate degree
An award requiring two years full-time or equivalent part-time tertiary study, which equates to the first two years of a designated three-year degree course.

Assumed knowledge
A level of achievement in a specified course in the NSW HSC (or equivalent) considered desirable for successful study in a tertiary course or first-year subject. If you don’t have the assumed level of knowledge but do have a suitable ATAR you may still be selected for the course, but may be at a disadvantage.

Some institutions offer bridging or introductory courses to help you achieve the required level of assumed knowledge. However if you include one or more of these bridging courses in your program, it could prevent you from completing your tertiary course in the minimum time.

Australian Tertiary Admission Rank (ATAR)
A number between 0.00 and 99.95 that measures your overall academic achievement in Year 12 in relation to your age cohort. The ATAR is a rank, not a mark. It helps institutions rank applicants for selection.

Bachelor degree
An award requiring three or four years of full-time, or equivalent part-time, undergraduate study.

BOSTES
Board of Studies, Teaching and Educational Standards (BOSTES). Sets the core curriculum for Kindergarten to Year 12, sets guidelines for school assessment tasks, and sets, organises and marks the HSC examinations for government and non-government schools in NSW.

Combined/double degrees
Allow students to complete two degrees in less time than would be taken if the two degrees were studied sequentially. Sometimes called vertical degrees.

Deferral
When a student receives an offer to enrol in a tertiary course but has been given permission by the institution to delay the start of the course for a fixed period, usually one year.

Diploma
An award usually requiring two or three years of full-time, or equivalent part-time, undergraduate study. These courses are usually characterised by more emphasis on practical skills than on the theoretical content required for a degree.

Distance education
When you study off-campus, usually at a study centre or at home. Residential attendance at on-campus sessions is sometimes required.

HSC subjects and courses
A subject is the general name given to an area of study. A course is a branch of study within a subject. A subject may have several courses. For example, within the subject of English the courses include English as a Second Language, English (Standard), English (Advanced), HSC English Extension 1 and HSC English Extension 2.
Guide to common terms

Major studies
Areas of in-depth study or specialisation within a course consisting of a sequence of subjects/units in a single discipline generally studied throughout the course. Major studies comprise more subjects/units than minor studies. In some courses it is possible to have more than one major study. Some institutions may refer to major studies as majors or specialisations.

Prerequisite
An essential prescribed level of achievement which must be reached in a course before an applicant is considered. There are two types of prerequisites: course prerequisites and subject prerequisites.

Course prerequisites
Some courses require that you have achieved a specific standard in a NSW HSC course (or equivalent) before you will be offered a place in the course.

If you do not have the required course prerequisite/s you cannot be selected for the institution’s course even though you may have met the admission requirements.

Subject prerequisites
Some particular subjects within a tertiary course require that you have achieved a prescribed standard in a specified NSW HSC (or equivalent) course/s before you are allowed to enrol in those particular subjects.

If you do not have the required subject prerequisite/s but have met the admission requirements, you may still be selected for the course, but may be unable to take the particular subject within the course.

Recommended studies
NSW HSC (or equivalent) courses that will help you in your chosen course. If you haven’t studied these courses your chances of selection are not affected.

Undergraduate course
An entry-level course for first-time university students that leads to a first qualification, such as a Bachelor degree, an Associate Diploma, or a Diploma.

Universities Admissions Centre (UAC)
The central office that receives and processes applications for admission to most undergraduate courses at participating tertiary institutions. UAC notifies current NSW HSC students of their ATAR and posts offers of admission to tertiary courses to successful applicants.
Part 2

Institution requirements
Institutions describe their requirements in different ways because they have different policies. The following information will help you to understand each institution’s entry. Check the ‘Common Terms and Abbreviations’ on pages 32–33 for further explanation of the terms used.

Note that if an institution requires you to have studied a specific course in your HSC, the proper name of the course is stated – for example, HSC Mathematics Extension 1. See pages 30–31 for a list of HSC Board Developed courses.

In some subject areas, more than one course may meet the requirements. When this occurs, institutions have not listed all of the courses they accept. You can assume that as well as the course they have included, institutions also accept courses in the same subject area that challenge higher order thinking and extension courses that enable students to undertake more in-depth study in areas of special interest. For example, if institutions accept Mathematics they also accept HSC Mathematics Extension 1 or HSC Mathematics Extension 2, but not Mathematics General 2.

If the institution does not require that you have studied a specific level in your HSC, it is stated as ‘any two units of’. For example, where you read ‘any two units of English’, this means that any 2-unit English course is acceptable.

Institutions that ask for ‘any two units of science’ indicate what courses this includes at the beginning of their entry.

**Prerequisites**

Prerequisites are an essential prescribed level of achievement you must reach in order to be considered for admission to certain tertiary courses. There are two types of prerequisites.

**Course prerequisites**

Some tertiary courses require you to have achieved a specified standard in an HSC course or equivalent before you’ll be offered a place in the course.

If you don’t have the required course prerequisite/s, you cannot be selected for the course even though you may have met the admission requirements.

Not all institutions have course prerequisites. Of those that do, some are very specific and state a required level you must have achieved in your HSC course. The course prerequisites marked ‘*’ have minimum requirements. The minimum requirement or marks are not shown in this booklet – contact the relevant institution for details.

Institutions that do not specify marks state just the HSC course name. This means that you have to attempt the course, but you do not have to achieve a specific mark.

**Subject prerequisites**

Some subjects in a tertiary course require that you have achieved a specified standard in an HSC course or equivalent before you are able to enrol in those particular subjects.

If you do not have the required subject prerequisite/s but have met the admission requirements for the course, you may still be selected for the course but be unable to take the particular subject.

Some institutions require you to have achieved a specific mark or level in your HSC course. The subject prerequisites marked ‘*’ have minimum requirements or marks which are not shown in this booklet – contact the relevant institution for details.

Some institutions offer bridging or introductory courses to help you achieve the required standard – contact the relevant institution for details.

**Assumed knowledge**

Some institutions assume you have a knowledge of specific HSC courses or equivalent before you begin the course.

If you don’t have the assumed level of knowledge but do have a suitable ATAR, you may still be selected for the course but you may find some difficulty coping with your studies.

Some institutions offer bridging or introductory courses to help you achieve the required level of assumed knowledge – contact the relevant institution for details.

**Recommended studies**

These are HSC or equivalent subjects or other courses that the institutions suggest will assist you in your chosen tertiary course.

If you have not studied these HSC courses, your chances of selection are not affected, but you may be offered a bridging course.

**Additional selection criteria**

Some courses have additional selection criteria. You may need to attend an interview or audition, present a portfolio, provide a personal statement, or sit a test such as the Special Tertiary Admissions Test (STAT) or the Undergraduate Medicine and Health Sciences Admission Test (UMAT).
### APM College of Business and Communication

**www.apm.edu.au**  
CRICOS provider number 00246M

**Enquiries**

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<th>telephone:</th>
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<tbody>
<tr>
<td>APM College of Business and Communication Level 3, 1–5 Hickson Road The Rocks NSW 2000</td>
<td>APM College of Business and Communication Level 3, 1–5 Hickson Road The Rocks NSW 2000</td>
<td>1300 880 610</td>
<td>(02) 9957 1811</td>
<td><a href="mailto:enquiries@apm.edu.au">enquiries@apm.edu.au</a></td>
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Areas of study are generally offered as Bachelor degrees unless Dip, Adv Dip or Assoc Deg is shown in brackets.

**BUSINESS**
- **Course prerequisites:** Completion of Year 12  
- **Recommended studies:** Business Studies

**Event Management**

**Marketing**

**Public Relations**
- **Course prerequisites:** Completion of Year 12  
- **Recommended studies:** Business Studies

**EVENT MANAGEMENT (DIP)**
- **Course prerequisites:** Completion of Year 10

**MANAGEMENT (DIP)**
- **Course prerequisites:** Completion of Year 10

**MARKETING (DIP)**
- **Course prerequisites:** Completion of Year 10

### Australasian College of Natural Therapies

**www.acnt.edu.au**  
CRICOS provider number 00246M

**Enquiries**

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<tr>
<td>Australasian College of Natural Therapies 235 Pyrmont Street Pyrmont NSW 2009</td>
<td>Australasian College of Natural Therapies 235 Pyrmont Street Pyrmont NSW 2009</td>
<td>1300 017 267</td>
<td><a href="mailto:info@acnt.edu.au">info@acnt.edu.au</a></td>
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Areas of study are generally offered as Bachelor degrees unless Dip, Adv Dip or Assoc Deg is shown in brackets.

**HEALTH SCIENCE**

- **Naturopathy**
- **Nutritional Medicine**
- **Western Herbal Medicine**
  - **Course prerequisites:** Completion of Year 12  
  - **Recommended studies:** Any two units of science

**HEALTH SCIENCE (DIP)**
- **Major studies:** Naturopathy, nutritional medicine, Western herbal medicine  
- **Course prerequisites:** Completion of Year 12  
- **Recommended studies:** Any two units of science

**MASSAGE THERAPY PRACTICE (CERT IV)**
- **Requirements:** None

**REMEDIAL MASSAGE (DIP)**
- **Course prerequisites:** Certificate IV in Massage Therapy Practice, or equivalent

**SPORT DEVELOPMENT (DIP)**
- **Requirements:** None
Areas of study are generally offered as Bachelor degrees unless Dip, Adv Dip or Assoc Deg is shown in brackets.

### ACCOUNTING AND FINANCE

**Major studies:** Accounting theory, auditing and assurance services, business economics, company law, entrepreneurial finance, financial accounting, financial risk management, taxation law

**Course prerequisites:** Any two units of English

### APPLIED PUBLIC HEALTH

**Major studies:** Public health

**Course prerequisites:** Any two units of English

### ARTS

**Humanities**

**Major studies:** Business studies, economics, geography, history, literature, mathematics, philosophy, psychology, study of religions, technology, theological studies, visual arts

**Course prerequisites:** For mathematics: Mathematics (not Mathematics General 2)

**Recommended studies:** For visual arts: Visual Arts

### BIOMEDICAL SCIENCE

**Major studies:** Biomedical sciences

**Course prerequisites:** English (Standard), Mathematics

### BUSINESS ADMINISTRATION

**Major studies:** Accounting; commercial law; economics; financial services; human resource management; information systems; international business; marketing; occupational health, safety and environmental management

**Course prerequisites:** Any two units of English

### BUSINESS/COMMERCE AND MANAGEMENT

**Major studies:** Accounting; commercial law; human resource management; financial services; information systems; international business management; marketing; occupational health, safety and environmental management; supply chain management

**Course prerequisites:** Any two units of English

### EDUCATION

**Early Childhood**

**Primary**

- **Course prerequisites:** NSW: Any two units of English (Band 5) and Band 5 in two other HSC subjects. ACT: A minimum of a major in English T (Major) or equivalent and a minimum of a major in Mathematics Applications or equivalent.

**Recommended studies:** ACT: Science T (Minor)

**Inclusive Education and Disability Studies Requirements:** None

### SECONDARY – HUMANITIES

**Major studies:** Canberra: Business studies, economics, geography, history, humanities, languages other than English, literature, mathematics, music, visual arts. Strathfield: Economics, geography, history, literature, study of religions

**Course prerequisites:** NSW: Any two units of English (Band 5) and Band 5 in two other HSC subjects

### SECONDARY – MATHEMATICS

**Course prerequisites:** NSW: Any two units of English (Band 5), Mathematics (not Mathematics General 2) (Band 5), Band 5 in one other HSC subject

### SECONDARY – TECHNOLOGY

**Major studies:** Design and technology (common), food technology, textiles and design, industrial technology

**Course prerequisites:** NSW: Any two units of English (Band 5) and Band 5 in two other HSC subjects

### SECONDARY – VISUAL ARTS

**Course prerequisites:** NSW: Any two units of English (Band 5) and Band 5 in two other HSC subjects

**Recommended studies:** Visual Arts

**Requirements for teaching courses are currently under review. Check with the University for specific requirements.**

### ENVIRONMENTAL SCIENCE

**Major studies:** Biological science and chemistry, ecology, environmental management and planning

**Recommended studies:** Chemistry, Mathematics, Biology
EXERCISE SCIENCE
Major studies: Exercise and sports science
Recommended studies: English (Advanced), Personal Development, Health and Physical Education (PDHPE), Mathematics plus one of Biology, Chemistry or Physics

HUMAN RESOURCE MANAGEMENT
Major studies: Human resource management
Course prerequisites: Any two units of English

INFORMATION TECHNOLOGY
Major studies: Information technology
Course prerequisites: Any two units of English

INTERNATIONAL DEVELOPMENT STUDIES
Major studies: Global studies, international development studies, management and legal studies
Requirements: None

LAW
LAW (COMBINED)
The following combined Law courses are also offered:
- Laws/Arts
- Laws/Business Administration
- Laws/Biomedical Science*
- Laws/Commerce
- Laws/Global Studies
- Laws/Theology
Course prerequisites: For Law: English (Advanced) For the other area of study: Refer to the relevant entry
*subject to approval

MARKETING
Major studies: Marketing
Course prerequisites: Any two units of English

NURSING
Major studies: Nursing
Requirements: None

OCCUPATIONAL THERAPY
Major studies: Occupational therapy
Course prerequisites: Any two units of English (Band 4) plus at least one of Biology, Chemistry, Physics or Personal Development, Health and Physical Education (PDHPE)

PARAMEDICINE
Major studies: Paramedicine
Requirements: None

PHYSICAL ACTIVITY*
Major studies: Physical activity and health science
Recommended studies: English (Advanced), Personal Development, Health and Physical Education (PDHPE), Mathematics plus one of Biology, Chemistry or Physics
*Subject to approval

PHYSIOTHERAPY
Major studies: Physiotherapy
Course prerequisites: Any two units of English plus one of Biology, Chemistry or Physics

PSYCHOLOGICAL SCIENCE
Major studies: Psychology
Course prerequisites: Any two units of English

SOCIAL WORK
Major studies: Social work
Requirements: Any two units of English

SPEECH PATHOLOGY
Major studies: Speech pathology
Course prerequisites: Any two units of English (Band 4) plus at least one of Biology, Chemistry, Physics or Personal Development, Health and Physical Education (PDHPE)

THEOLOGY
Major studies: Biblical studies, Christian thought, liberal arts (including Philosophy)
Requirements: None

VISUAL ARTS AND DESIGN
Major studies: 2D studies, 3D/4D object design, art and design history and theory, graphic design studio
Recommended studies: Visual Arts

COMBINED DEGREES
If you intend to undertake combined degrees, check the prerequisites, assumed knowledge and recommended studies for both degrees. Contact the University for further details.
- Applied Public Health/Global Studies
- Arts/Commerce
- Arts/Global Studies
- Arts/Laws
- Biomedical Science/Applied Public Health*
- Biomedical Science/Business Administration*
- Business Administration/Global Studies
- Business Administration/Laws
- Commerce/Commerce Administration
- Commerce/Global Studies
- Commerce/Laws
- Exercise Science/Business Administration
- Exercise Science/Public Health
- Information Technology/Business Administration
- Laws/Biomedical Science*
- Laws/Global Studies
- Nursing/Business Administration
- Nursing/Paramedicine
- Teaching/Arts (Humanities)
- Teaching/Arts (Mathematics)
- Teaching/Arts (Technology)
- Teaching/Arts (Visual Arts)
- Teaching/Exercise Science*
- Theology/Global Studies
- Theology/Laws
*Subject to approval
Australian College of Applied Psychology

www.acap.edu.au
CRICOS provider number 01328A

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<tr>
<td><strong>by post:</strong> Locked Bag 11 Strawberry Hills Sydney NSW 2012</td>
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| telephone: 1800 261 320 |
| fax: (02) 8236 8071 |
| email: info.acap@navitas.com |

Areas of study are generally offered as Bachelor degrees unless Dip, Adv Dip or Assoc Deg is shown in brackets.

COUNSELLING

Recommended studies: Any two units of English

PSYCHOLOGICAL SCIENCE

Recommended studies: Mathematics and any two units of English

SOCIAL SCIENCE

Recommended studies: Any two units of English

SOCIAL WORK

Recommended studies: Any two units of English

Australian Maritime College

www.amc.edu.au
CRICOS provider number 00586B

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<td><strong>by post:</strong> Admissions Office Australian Maritime College Locked Bag 1345 Launceston TAS 7250</td>
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| telephone: 1300 363 864 |
| fax: (03) 6324 3026 |

READ THIS FIRST

When you read ‘any two units of science’ this can include Biology, Chemistry, Physics, Earth and Environmental Science or Senior Science.

Areas of study are generally offered as Bachelor degrees unless Dip, Adv Dip or Assoc Deg is shown in brackets.

APPLIED SCIENCE

Marine environment

Marine environment (Assoc Deg)

Course prerequisites: Mathematics General 2, any two units of English, any two units of science

Recommended studies: English (Standard) plus Biology or Chemistry

Maritime technology management

Course prerequisites: Mathematics General 2

Assumed knowledge: Completion of Year 12

Recommended studies: Mathematics plus Physics or Chemistry

BUSINESS

Maritime and logistics management

Maritime and logistics management (Assoc Deg)

International logistics (freight forwarding)

Recommended studies: Completion of Year 12

ENGINEERING

Major studies: Marine and offshore engineering, naval architecture, ocean engineering

Course prerequisites: Mathematics, any two units of science

Recommended studies: HSC Mathematics Extension 1 plus Physics or Chemistry

Note: Bridging courses in Mathematics and Physics are available for students who have not completed these subjects. Visit www.utas.edu.au/future-students/preparation-programs.

ENVIRONMENTAL SCIENCE

Aquaculture (Assoc Deg)

Assumed knowledge: Mathematics General 2, any two units of English

Recommended studies: Any two units of science
### ACCOUNTING

**Major studies:** Accounting  
**Assumed knowledge:** ACT: Mathematical Methods (Major)  
NSW: Mathematics

### ACTUARIAL STUDIES

**Course prerequisites:** ACT: Specialist Mathematics (Major/Minor) (160+)  
NSW: HSC Mathematics Extension 1 (Band E3 or equivalent)  
**Recommended studies:** ACT: Specialist Mathematics (Double Major)  
NSW: HSC Mathematics Extension 1

### ADVANCED COMPUTING (HONOURS)

**Major studies:** Computational foundations, computing engineering, human-centric computing, information intensive computing, intelligent systems  
**Course prerequisites:** ACT: Mathematical Methods (Major)  
NSW: Mathematics  
**Recommended studies:** ACT: Specialist Mathematics (Major/Minor)  
NSW: HSC Mathematics Extension 1

### ADVANCED COMPUTING (RESEARCH AND DEVELOPMENT) (HONOURS)

**Major studies:** Computational foundations, computing engineering, human-centric computing, information intensive computing, intelligent systems  
**Course prerequisites:** ACT: Specialist Mathematics (Major/Minor)  
NSW: HSC Mathematics Extension 1  
**Recommended studies:** ACT: Specialist Mathematics (Double Major)  
NSW: HSC Mathematics Extension 2

### ARTS

- Archaeological Practice  
- Art History and Curatorship  
- Classical Studies  
- Criminology  
- Development Studies  
- Environmental Studies  
- European Studies  
- International Relations  
- Languages  
- Latin American Studies  
- Middle Eastern and Central Asian Studies  
- Policy Studies  
- Political Science  
  **Major studies:** Ancient Greek, ancient history, anthropology, Arabic, archaeology, art history, art theory, Asian art history, biological anthropology, Chinese, contemporary Europe, criminology, development studies, English, environmental studies, European history, French, gender, geography, German, Hindi, history, Indonesian, international communications, international relations, Italian, Japanese, Korean, Latin, Latin American studies, linguistics, mathematics, Middle Eastern and Central Asian studies, music, Persian, philosophy, political science, psychology, Sanskrit, sexuality and culture, sociology, Spanish language and culture, Thai, Urdu, Vietnamese, visual arts practice  
  **Requirements:** None

### Politics, Philosophy and Economics

**Assumed knowledge:** ACT: Mathematical Methods T (Major)  
NSW: Mathematics

### ASIAN STUDIES

**Major studies:** Arabic; Asian history; Asia-Pacific politics; Asia-Pacific security studies; Chinese studies; classical and modern Chinese; Hindi; Indonesian; Indonesian studies; international security studies; Japanese; Japanese linguistics; Japanese studies; Korean; Middle Eastern and Central Asia studies; Northeast Asian studies; Pacific studies; peace, conflict and war studies; Sanskrit; South Asian studies; Southeast Asian studies; Thai; Urdu; Vietnamese  
**Requirements:** None

### BIOTECHNOLOGY

**Major studies:** Biochemistry, bioinformatics, biotechnology, chemistry, genetics, microbiology, molecular biology  
**Course prerequisites:** ACT: Chemistry (Major) NSW: Chemistry

### BUSINESS ADMINISTRATION

**Major studies:** Business, international business, leadership, management, marketing  
**Requirements:** None

### COMMERCE

**Major studies:** Accounting, business information systems, corporate sustainability, finance, international business, management, marketing  
**Assumed knowledge:** ACT: Mathematical Methods (Major)  
NSW: Mathematics

### COMPUTING (DIP)

**Course prerequisites:** ACT: Mathematical Methods (Major)  
NSW: Mathematics

### DESIGN ARTS

**Major studies:** Ceramics, furniture, glass, gold and silversmithing, textiles  
**Additional selection criteria:** Interview, portfolio

### ECONOMICS

**Major studies:** Econometrics, economic history, economics, finance, statistics  
**Assumed knowledge:** ACT: Mathematical Methods (Major)  
NSW: Mathematics

### ENGINEERING (HONOURS)

**Major studies:** Biomedical systems, electronics and communication systems, mechanical and material systems, mechatronic systems, photonics systems, renewable energy systems, sustainable systems  
**Course prerequisites:** ACT: Mathematical Methods (Major)  
NSW: Mathematics  
**Assumed knowledge:** ACT: Physics (Major) NSW: Physics  
**Recommended studies:** ACT: Specialist Mathematics (Major/Minor)  
NSW: HSC Mathematics Extension 1

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**Areas of study are generally offered as Bachelor degrees unless Dip, Adv Dip or Assoc Deg is shown in brackets.**
ENGINEERING (RESEARCH AND DEVELOPMENT) (HONOURS)

Major studies: Biomedical systems, electronics and communication systems, mechanical and material systems, mechatronic systems, photonics systems, renewable energy systems, sustainable systems

Course prerequisites: ACT: Specialist Mathematics (Major/Minor) NSW: HSC Mathematics Extension 1

Assumed knowledge: ACT: Physics (Major) NSW: Physics

Recommended studies: ACT: Specialist Mathematics (Double Major) NSW: HSC Mathematics Extension 2

FINANCE

Major studies: Capital markets, quantitative finance

Assumed knowledge: ACT: Mathematical Methods (Major) NSW: Mathematics

FINANCE, ECONOMICS AND STATISTICS (HONOURS)

Course prerequisites: ACT: Specialist Mathematics (Major/Minor) (160+) NSW: HSC Mathematics Extension 1 (Band E3 or equivalent)

Recommended studies: ACT: Specialist Mathematics (Double Major) NSW: HSC Mathematics Extension 2

GENETICS

Major studies: Bioinformatics, evolutionary genetics, genetics, mendelian, molecular and medical genetics, population

Course prerequisites: ACT: Chemistry (Major) NSW: Chemistry

INFORMATION TECHNOLOGY

Major studies: Information systems, software development

Course prerequisites: ACT: Mathematical Methods (Major) NSW: Mathematics

INTERNATIONAL BUSINESS

Major studies: Asian, European, Latin American or Middle Eastern language and contextual studies

Assumed knowledge: ACT: Mathematical Methods (Major) NSW: Mathematics

INTERNATIONAL SECURITY STUDIES

Major studies: International security

Requirements: None

Study of security and foreign policy issues is also possible in the Arts and Asian Studies degrees.

LANGUAGES

Major studies: Ancient Greek, Arabic, Chinese, French, German, Hindi, Indonesian, Italian, Japanese language or linguistics, Korean, Latin, Persian, Sanskrit, Spanish, Thai, Urdu, Vietnamese

LAW

Requirements: None

LIBERAL STUDIES (DIP)

Major studies: Anthropology, criminology, development studies, English, history, international relations, philosophy, political science, sociology

Requirements: None

MEDICAL SCIENCE

Major studies: Biochemistry, genetics, immunology, medical science, microbiology, molecular biology, physiology

Course prerequisites: ACT: Chemistry (Major) NSW: Chemistry

MUSIC

Major studies: Creative musicianship (including composition), musicology (including ethnomusicology), performance

Additional selection criteria: Some music courses require an audition

SCIENCE

Major studies: Astronomy and astrophysics, biological anthropology, biology, chemistry, computational modelling, computer science, earth and environmental science, environmental modelling, environmental policy, forest science, geography, geology, geophysics, global change science, human ecology, material science, mathematical economics, mathematical finance, mathematical physics, mathematics, mathematics and statistics, neuroscience, physics, psychology, quantitative biology and bioinformatics, science communication, statistics, sustainability science, theoretical physics, water science and policy

Subject prerequisites and assumed knowledge: Some science courses have subject prerequisites or assumed knowledge of Mathematics or Physics or Chemistry (ACT) or Mathematics or Physics or Chemistry (NSW). Contact ANU for more information about subject prerequisites and assumed knowledge for particular science courses.

Forestry

Major studies: Botany, earth science, ecology, environment and society, environmental science and management, forest science and management, geography, land management, resource planning and management

Requirements: None

Interdisciplinary Studies (Sustainability)

Major studies: Biological anthropology, corporate sustainability, development studies, earth and environmental science, ecology and evolution, environmental modelling, environmental policy, environmental studies, forest science, genetics, geography, geology, global change science, human ecology, human sciences, international communication, policy studies, psychology, scientific communication, sustainable energy systems, water science and policy, zoology plus two majors from any ANU college except law

Requirements: None

Psychology

Major studies: Specialising in the areas of abnormal, biological, cognitive, developmental and social psychology and including a major from science or another faculty

Requirements: None

Resource and Environmental Management

Major studies: Ecological studies, environment and society, environmental biology, environmental management studies, forestry, geographic information systems, geography, geology, resource management, soil and land management, vegetation and wildlife management

Requirements: None

SOCIAL SCIENCE (HONOURS IN ACTUARIAL STUDIES AND ECONOMICS)

Major studies: Accounting, actuarial studies, economics, finance, statistics

Course prerequisites: ACT: Specialist Mathematics (Major/Minor) (160+) NSW: HSC Mathematics Extension 1 (Band E3 or equivalent)

Recommended studies: ACT: Specialist Mathematics (Double Major) NSW: HSC Mathematics Extension 2

SOFTWARE ENGINEERING (HONOURS)

Major studies: Computer systems, design and development, programming, software analysis, software engineering practice

Course prerequisites: ACT: Mathematical Methods (Major) NSW: Mathematics

Recommended studies: ACT: Specialist Mathematics (Major/Minor) NSW: HSC Mathematics Extension 1

Although students learn what is listed, these are not set areas of specialisation/ majors.

STATISTICS

Major studies: Applied probability, business statistics, econometrics, financial statistics, psychological or social research methods, statistical methodology

Course prerequisites: ACT: Specialist Mathematics (Major/Minor) (160+) NSW: HSC Mathematics Extension 1 (Band E3 or equivalent)

Recommended studies: ACT: Specialist Mathematics (Double Major) NSW: HSC Mathematics Extension 2
VISUAL ARTS

Major studies: Animation and video, ceramics, furniture, glass, gold and silversmithing, painting, photomedia, print media and drawing, sculpture, textiles

Additional selection criteria: Interview, portfolio, drawing session

FLEXIBLE DOUBLE DEGREES

The Australian National University offers flexible double degrees, which allow you to choose from over 1,200 possible combinations within three groups:

- Arts, Social Sciences, Business and Science (4 years)
- Engineering or Advanced Computing (5 years)
- Law (5 years)

allowing you to combine any two courses, for which you meet the cut-off, from the group.

*Courses below marked with an asterisk include prerequisites and/or additional selection criteria – see main area of study for requirements.

Flexible Double Arts, Social Sciences, Business and Science

By selecting this group as a preference, you can choose any two of the following Bachelor degrees at the time of accepting your offer:

- Accounting
- Actuarial Studies*
- Archaeological Practice
- Art History and Curatorship
- Arts
- Asian Studies
- Biotechnology* (cannot be combined with Genetics or Medical Science)
- Business Administration
- Classical Studies
- Commerce
- Criminology
- Development Studies
- Design Arts
- Economics
- Environmental Studies
- European Studies
- Finance
- Genetics* (cannot be combined with Biotechnology or Medical Science)
- Information Technology*
- International Relations
- International Security
- Languages
- Latin American Studies
- Medical Science* (cannot be combined with Biotechnology or Genetics)
- Middle Eastern and Central Asian Studies
- Music*
- Pacific Studies
- Policy Studies
- Political Science
- Politics, Philosophy and Economics
- Science
- Science (Forest Sciences)
- Science (Psychology)
- Science (Resource and Environmental Management)
- Statistics*
- Visual Arts*

Flexible Double Engineering or Advanced Computing

By selecting this group as a preference, you can choose any one of the following Bachelor degrees:

- Advanced Computing (Hons)*
- Advanced Computing (Research and Development) (Hons)*
- Engineering (Hons)*
- Engineering (Research and Development) (Hons)*
- Software Engineering (Hons)*

plus any one of the following Bachelor degrees at the time of accepting your offer:

- Actuarial Studies*
- Arts
- Asian Studies
- Biotechnology*
- Business Administration
- Commerce
- Economics
- Finance
- Genetics*
- Information Technology* (cannot be combined with Software Engineering or Advanced Computing)
- Pacific Studies
- Science
- Science (Forest Sciences)
- Science (Psychology)
- Science (Resource and Environmental Management)
- Statistics*

Flexible Double Law

By selecting this group as a preference, you choose Law plus any one of the following Bachelor degrees at the time of accepting your offer:

- Accounting
- Actuarial Studies*
- Archaeological Practice
- Art History and Curatorship
- Arts
- Asian Studies
- Biotechnology*
- Business Administration
- Classical Studies
- Commerce
- Criminology
- Design Arts*
- Development Studies
- Economics
- Environmental Studies
- European Studies
- Finance
- Genetics*
- Information Technology*
- International Relations
- International Security
- Languages
- Latin American Studies
- Medical Science*
- Middle Eastern and Central Asian Studies
- Music*
- Pacific Studies
- Policy Studies
- Political Science
- Politics, Philosophy and Economics
- Science
- Science (Forest Sciences)
- Science (Psychology)
- Science (Resource and Environmental Management)
- Statistics*
- Visual Arts*
VERTICAL DEGREES
The Australian National University offers the following vertical degrees:

- B Arts/Master of International Affairs
- B Asian Studies/Master of Globalisation
- B Politics, Philosophy and Economics/Juris Doctor

Refer to the main area of study for requirements.

UNDERGRADUATE RESEARCH DEGREES
The Australian National University offers the following undergraduate research degrees:

- B Advanced Computing (Research and Development) (Hons)
- B Engineering (Research and Development) (Hons)
- B Philosophy (Hons) Arts
- B Philosophy (Hons) Science or Asian Studies.

B Philosophy courses are also available as joint degrees with the National University of Singapore. Contact the Australian National University for more information about these courses.

PREPARATORY COURSES AT SCHOOL OF MUSIC
Specialist courses for years 11 and 12 in classical music and jazz – call (02) 6125 5730 for further information.

Additional selection criteria: Audition and diagnostic tests
Areas of study are generally offered as Bachelor degrees unless Dip, Adv Dip or Assoc Deg is shown in brackets.

**BRANDED FASHION DESIGN**
- **Course prerequisites:** Completion of Year 12
- **Recommended studies:** Textiles and Design, Visual Arts

**COMMUNICATION DESIGN**
- **Course prerequisites:** Completion of Year 12
- **Recommended studies:** Visual Arts

**DIGITAL MEDIA DESIGN**
- **Interaction Design**
- **Motion Design**
- **3D Design and Animation**
  - **Course prerequisites:** Completion of Year 12
  - **Recommended studies:** Information Processes and Technology, Visual Arts

**DIGITAL MEDIA DESIGN (DIP)**
- **Course prerequisites:** Completion of Year 12
- **Recommended studies:** Information Processes and Technology, Visual Arts

**INTERIOR DESIGN**
- **Commercial**
- **Residential**
  - **Course prerequisites:** Completion of Year 12
  - **Recommended studies:** Visual Arts
### University Entry Requirements 2018 for Year 10 Students

#### UAC’s participating institutions – requirements

<table>
<thead>
<tr>
<th>Charles Sturt University</th>
<th><a href="http://www.csu.edu.au">www.csu.edu.au</a></th>
<th>CRICOS provider number 00005F</th>
</tr>
</thead>
</table>

**Enquiries**
- **by post:** info.csu
  - Charles Sturt University
  - Panorama Avenue
  - Bathurst NSW 2795
- **telephone:** 1800 334 733
- **fax:** (02) 6338 6001

**In person**

- **Albury-Wodonga campus**
  - Prospective Student Adviser
  - Building 673
  - Charles Sturt University
  - Elizabeth Mitchell Drive
  - Thirroul NSW 2537
- **Dubbo campus**
  - Course enquiries
  - Charles Sturt University
  - Tony McGrane Place
  - Dubbo NSW 2830
- **Port Macquarie campus**
  - Suite 1, 21–27 Grant Street
  - Port Macquarie NSW 2444
- **Bathurst campus**
  - Prospective Student Adviser
  - Building 1396
  - Charles Sturt University
  - Panorama Ave
  - Bathurst NSW 2795
- **Orange campus**
  - Prospective Student Adviser
  - Charles Sturt University
  - Leeds Parade
  - Orange NSW 2800
- **Wagga Wagga campus**
  - Prospective Student Adviser
  - Building 481
  - Charles Sturt University
  - Boorooma Street
  - Wagga Wagga NSW 2650

**Canberra campus (Theology students)**
- Dean of Students
  - St Mark’s National Theological Centre
  - 15 Blackall Street
  - Barton ACT 2600

**Parramatta campus (Theology students)**
- United Theological College
  - 16 Masons Drive
  - North Parramatta NSW 2151

**Areas of study are generally offered as Bachelor degrees unless Dip, Adv Dip or Assoc Deg is shown in brackets.**

### AGRICULTURAL BUSINESS MANAGEMENT
- **Major studies:** Agricultural business management (farm, horticultural, land, viticultural)
- **Requirements:** None

### AGRICULTURE
- **Major studies:** Agribusiness, agronomy, livestock production
- **Assumed knowledge:** Mathematics General 2, Senior Science
- **Recommended studies:** Biology and/or Chemistry, Mathematics

### ANIMAL SCIENCE
- **Major studies:** Animal science, equine science
- **Assumed knowledge:** Chemistry, Mathematics

### APPLIED SCIENCE
- **Outdoor Recreation and Ecotourism**
- **Parks, Recreation and Heritage**
- **Requirements:** None

### ARTS
- **Major studies:** Art history, English, history, philosophy, psychology, sociology, theology
- **Requirements:** None

### BUSINESS
- **Major studies:** Accounting, banking, business studies, finance, human resource management, insurance, management, marketing
- **Assumed knowledge:** Mathematics

### COMMUNICATION AND CREATIVE INDUSTRIES
- **Acting**
  - **Additional selection criteria:** Audition

### Areas of study are generally offered as Bachelor degrees unless Dip, Adv Dip or Assoc Deg is shown in brackets.
Technology and Applied Studies

Major studies: Agriculture/food/industrial/information technologies with a second teaching area in textiles or graphics and multimedia technology
Assumed knowledge: Requirements for teaching courses are currently under review. Check with Charles Sturt University for specific requirements
Recommended studies: Any two units of English, any two units of mathematics. For Technology and Applied Studies: Design and Technology. For Agriculture and food technology: Design and Technology, Chemistry

ENGINEERING

Major studies: Entrepreneurship, structures, transport and infrastructure, water resources
Assumed knowledge: Any two units of English, Mathematics
Recommended studies: Chemistry, Physics
Additional selection criteria: Supplementary application form, interview
High-achieving students without an extensive mathematics background can still be accommodated in this program. A minimum level of familiarity with calculus is necessary.

ENVIRONMENTAL SCIENCE

Environmental Science and Management
Recommended studies: Geography or any two units of science
Outdoor Recreation and Ecotourism
Requirements: None

EXERCISE SCIENCE

Major studies: Exercise science, sports journalism, sports management, sports science, sports studies, teaching
Assumed knowledge: Any two units of English, any two units of mathematics
Recommended studies: Any two units of science

HEALTH SCIENCE

Clinical Practice (Paramedic)
Assumed knowledge: Mathematics, Biology plus any two units of English
Recommended studies: Senior Science, first-aid training and medical terminology
Clinical Science
Assumed knowledge: Chemistry, Mathematics
Dental Science
Assumed knowledge: Mathematics, Chemistry, Physics
Recommended studies: English (Standard)
Additional selection criteria: Supplementary application form, interview
Health and Rehabilitation Science
Assumed knowledge: English (Standard)
Recommended studies: Biology
Occupational Therapy
Assumed knowledge: Biology
Recommended studies: English (Standard)
Oral Health (Therapy/Hygiene)
Assumed knowledge: English (Standard), Chemistry
Recommended studies: Biology
Additional selection criteria: Supplementary application form
Podiatric Medicine
Recommended studies: Biology
Assumed knowledge: English (Standard)
Physiotherapy
Assumed knowledge: Physics, Biology, Mathematics, English (Standard)
Recommended studies: Chemistry
Speech and Language Pathology
Assumed knowledge: English (Standard), Biology

INFORMATION TECHNOLOGY

Computer Science
Assumed knowledge: Mathematics
Information Technology
Requirements: None

MEDICAL RADIATION SCIENCE

Major studies: Medical imaging, nuclear medicine, radiation therapy
Assumed knowledge: Physics, Mathematics

MEDICAL SCIENCE

Major studies: Biotechnology, clinical physiology, medical science, pathology
Assumed knowledge: Mathematics, Chemistry

NURSING

Assumed knowledge: English (Standard) plus any two units of science
Recommended studies: Biology, Mathematics, Personal Development, Health and Physical Education (PDHPE), first-aid certificate, mental health first-aid certificate

PHARMACY

Assumed knowledge: Mathematics, Chemistry
Recommended studies: Biology

SCIENCE

Major studies: Biology, chemistry, mathematics, microbiology and immunology, physics, plant science, spatial science
Assumed knowledge: Mathematics plus any two units of science
Recommended studies: Chemistry or Physics
General Studies (Science)
Requirements: None

SOCIAL SCIENCE

Major studies: Criminal justice, justice studies, psychology
Requirements: None

SOCIAL WORK
Requirements: None

VETERINARY SCIENCE

Veterinary Biology/Veterinary Science
Assumed knowledge: Chemistry, Mathematics
Additional selection criteria: Interview, supplementary application form
Veterinary Technology
Major studies: Clinical technology, large animal technology, practice management
Assumed knowledge: Chemistry, Mathematics

COMBINED DEGREES

If you intend to undertake combined degrees, check the additional selection criteria, assumed knowledge and recommended studies for both degrees. Contact the University for further details.
Charles Sturt University currently offers combined degrees in:
- Advertising/Marketing
- Psychology/Business (Human Resource Management)
- Psychology/Business (Management)
- Psychology/Business (Marketing)
- Public Relations/Business Studies
- Sports Studies/Journalism
Areas of study are generally offered as Bachelor degrees unless Dip, Adv Dip or Assoc Deg is shown in brackets.

### ACCIDENT FORENSICS
- **Recommended studies**: English (Standard), Biology, Chemistry, Physics

### ACCOUNTING
- **Recommended studies**: Mathematics, English (Standard)

### AGRIBUSINESS AND FOOD SECURITY
- **Course prerequisites**: English (Standard)
- **Recommended studies**: Biology, Chemistry, Agriculture, Mathematics

### APPLIED SOCIOLOGY
- **SOCIETY (ADV DIP)**
  - **Course prerequisites**: English (Standard)

### ARTS
- **ARTS (DIP)**
  - **Major studies**: Aboriginal and Torres Strait Islander studies, Australian history, community practice, creative writing, geography and environmental studies, international history, journalism, liberal studies, literary and cultural studies, policy power and place, psychology, sociology
  - **Course prerequisites**: English (Standard)

### AVIATION (TECHNOLOGY)
- **AVIATION (ASSOC DEG)**
- **AVIATION THEORY (DIP)**
  - **Course prerequisites**: Mathematics, English (Standard)

### BUILDING DESIGN
- **BUILDING DESIGN (ASSOC DEG)**
  - **Major studies**: Design of residential and commercial buildings
  - **Recommended studies**: Mathematics, any two units of English

### BUILDING SURVEYING AND CERTIFICATION (HONOURS)
- **BUILDING SURVEYING (ASSOC DEG)**
  - **Major studies**: Assessment of construction for compliance
  - **Recommended studies**: English (Standard), Mathematics

### BUSINESS
- **BUSINESS (DIP)**
  - **Major studies**: Accounting, human resources management, information systems, management, marketing, property, public relations, supply chain management
  - **Recommended studies**: Mathematics, English (Standard)

### CONSTRUCTION MANAGEMENT (HONOURS)
- **Major studies**: Managing and controlling complex construction projects
- **Recommended studies**: Mathematics, English (Standard)

### DIGITAL MEDIA
- **Major studies**: Digital design, technology and media
- **Course prerequisites**: English (Standard)

### ENGINEERING (HONOURS)
- **ENGINEERING (ASSOC DEG)**
  - **Major studies**: For Engineering (Honours): Engineering, civil, electrical, mechanical, mining, mechatronics
  - **Course prerequisites**: For Engineering (Honours): Mathematics, English (Standard)
  - **Recommended studies**: For Engineering (Honours): Mathematics, English (Standard)

### ENGINEERING TECHNOLOGY
- **Major studies**: Civil, electrical, mechanical
- **Course prerequisites**: Mathematics, English (Standard)

### ENVIRONMENTAL SCIENCE
- **Major studies**: Ecologically sustainable development, environmental monitoring and management
- **Course prerequisites**: English (Standard)
- **Recommended studies**: Biology, Chemistry, Social Science

### EXERCISE AND SPORTS SCIENCE
- **Major studies**: Sports science
- **Recommended studies**: English (Standard), Mathematics, Biology, Physical Education

### HEALTH SCIENCE (ALLIED HEALTH)
- **Major studies**: Advanced allied health professional
- **Course prerequisites**: English (Standard)
- **Recommended studies**: Biology, Chemistry, Physics

### INFORMATION TECHNOLOGY
- **INFORMATION TECHNOLOGY CO-OP**
- **INFORMATION TECHNOLOGY (ASSOC DEG)**
- **INFORMATION TECHNOLOGY (DIP)**
  - **Course prerequisites**: For Information Technology (Dip): None

### LAWS
- **Course prerequisites**: English (Standard)
<table>
<thead>
<tr>
<th>Subject</th>
<th>Major studies</th>
<th>Recommended studies</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MEDICAL SCIENCE</strong></td>
<td>Medical science. Specialisations include clinical investigation, nutrition, pathology, biotechnology</td>
<td>English (Standard), Biology, Chemistry, Physics, Mathematics</td>
</tr>
<tr>
<td><strong>MEDICAL SONOGRAPHY</strong></td>
<td>Abdominal sonography, musculoskeletal sonography, superficial structures in ultrasound, ultrasound obstetrics and gynaecology, vascular sonography</td>
<td>Mathematics, Biology, Physics</td>
</tr>
<tr>
<td><strong>NURSING</strong></td>
<td></td>
<td>English (Standard)</td>
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<tr>
<td></td>
<td>Course prerequisites: English (Standard)</td>
<td>Biology, Chemistry, Mathematics</td>
</tr>
<tr>
<td><strong>OCCUPATIONAL HEALTH AND SAFETY</strong></td>
<td>Occupational health and safety. Specialisations include environmental studies, human factors, liberal studies, public health, safety science</td>
<td>English (Standard), Biology, Chemistry, Physics</td>
</tr>
<tr>
<td><strong>PROPERTY</strong></td>
<td>Property finance, property management, property valuation</td>
<td>Mathematics, English (Standard)</td>
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<tr>
<td><strong>PUBLIC HEALTH</strong></td>
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<td>English (Standard), Biology, Chemistry, Physics</td>
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<tr>
<td><strong>PUBLIC HEALTH (ASSOC DEG)</strong></td>
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<tr>
<td></td>
<td>Environmental health, health promotion</td>
<td>English (Standard), Biology, Chemistry, Physics</td>
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<tr>
<td></td>
<td>Environmental science, exercise science, health promotion</td>
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<tr>
<td></td>
<td>Indigenous studies, management and human resources</td>
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<td></td>
<td>Nutrition science, occupational health and safety</td>
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<tr>
<td><strong>SCIENCE</strong></td>
<td>Agricultural and food science, analytical and molecular science, ecology and conservation science</td>
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<td></td>
<td>English (Standard)</td>
<td>Biology, Chemistry, Mathematics</td>
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<tr>
<td><strong>SOCIAL WORK (HONOURS)</strong></td>
<td>Advocacy, counselling, crisis intervention, social justice</td>
<td>English (Standard)</td>
</tr>
<tr>
<td><strong>PROFESSIONAL COMMUNICATION</strong></td>
<td>Communication. Specialisations include human resource management, information systems, management, marketing</td>
<td>English (Standard)</td>
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<tr>
<td><strong>PSYCHOLOGICAL SCIENCE</strong></td>
<td>Psychology</td>
<td>English (Standard)</td>
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<tr>
<td><strong>PODIATRY PRACTICE (HONOURS)</strong></td>
<td>Podiatry</td>
<td>English (Standard) and either Biology, Chemistry or Physics</td>
</tr>
<tr>
<td><strong>COMBINED DEGREES</strong></td>
<td>If you intend to undertake combined degrees, check the prerequisites, assumed knowledge and recommended studies for both degrees. Contact the University for further details.</td>
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<tr>
<td></td>
<td>Accounting/Business</td>
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<td>Arts/Business</td>
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<td>Business/Professional Communication</td>
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<td>Laws/Arts</td>
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<tr>
<td></td>
<td>Laws/Accounting</td>
<td></td>
</tr>
</tbody>
</table>
Griffith University

www.griffith.edu.au
CRICOS provider number 00233E

Enquiries

by post: Student Administration
Griffith University
PMB 50
Gold Coast Mail Centre QLD 9726

in person: Student Administration
Gold Coast Campus
Parklands Drive
Southport QLD 4215

telephone: (07) 5552 8933
Freecall 1800 677 728
fax: (07) 5552 8706
email: domesticenquiries@griffith.edu.au
or www.griffith.edu.au/ask-us

Areas of study are generally offered as Bachelor degrees unless Dip, Adv Dip or Assoc Deg is shown in brackets.

ARCHITECTURAL DESIGN

Recommended studies: Mathematics General 2 or Mathematics

ARTS (GOLD COAST)

Major studies: Creative writing, history (including studies in Australian history, Indigenous studies, world history and the history of terrorism), Indigenous studies, Islam–West relations, journalism, languages (including studies in Chinese, Italian, Japanese, Modern Greek and Spanish), literary studies, politics and international studies, public relations, screen studies, security studies, sociology. Students can take majors offered at another campus. Modern Greek can be taken online via cross-institutional study with Flinders University, South Australia.
Requirements: None

BIOMEDICAL SCIENCE

BIOMEDICAL SCIENCE WITH HONOURS

Course prerequisites: Mathematics and one of Biology, Physics or Chemistry

BUSINESS

Major studies: Gold Coast: Employment relations, entrepreneurship and self-employment, event management, human resource management, management, marketing, real estate and property development, sport management, supply network management Distance Ed: Human resource management, management
Requirements: None

BUSINESS INFORMATION SYSTEMS

Assumed knowledge: Mathematics General 2 or Mathematics

CHILD AND FAMILY STUDIES

Requirements: None

COMMERCE

Major studies: Accounting, economics, finance, financial planning
Requirements: None

CRIMINOLOGY AND CRIMINAL JUSTICE

Requirements: None

DIGITAL MEDIA

Requirements: None

EDUCATION PRIMARY

Course prerequisites: Mathematics General 2 or Mathematics or HSC Mathematics Extension 1 or HSC Mathematics Extension 2 (Band 4 or higher), any two units of English (Band 4 or higher), any two units of science (Band 4 or higher)

EDUCATION SECONDARY

Course prerequisites: Any two units of English (Band 4 or higher) plus Mathematics General 2 or Mathematics (Band 4 or higher) or HSC Mathematics Extension 1 or HSC Mathematics Extension 2
For Maths teaching area: Mathematics or HSC Mathematics Extension 1 or HSC Mathematics Extension 2 (not Mathematics General 2) For Science teaching area: One of Biology, Chemistry or Physics
Requirements for teaching courses are currently under review. Check with Griffith University for specific requirements.

ENGINEERING WITH HONOURS

Civil
Electrical and Electronic
Electronic and Biomedical
Mechanical
Mechatronic

Course prerequisites: Mathematics
Recommended studies: One of Physics, Chemistry, HSC Mathematics Extension 1 or HSC Mathematics Extension 2

ENVIRONMENTAL HEALTH

Recommended studies: Chemistry, Mathematics (not Mathematics General 2)

EXERCISE SCIENCE

EXERCISE SCIENCE / MASTER OF PHYSIOTHERAPY

Course prerequisites: One of Biology, Chemistry, Physics or Mathematics

GOVERNMENT AND INTERNATIONAL RELATIONS

Requirements: None

HEALTH SCIENCE

Course prerequisites: One of Biology, Chemistry, Physics or Mathematics

HUMAN SERVICES

Requirements: None

INDUSTRIAL DESIGN

Course prerequisites: Mathematics General 2 or Mathematics

INFORMATION TECHNOLOGY

Major studies: Computing and intelligent systems, IT management and marketing, multimedia, software development, system services
Assumed knowledge: Mathematics General 2 or Mathematics

INTERNATIONAL BUSINESS

Requirements: None
<table>
<thead>
<tr>
<th>Field</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTERNATIONAL TOURISM AND HOTEL MANAGEMENT</td>
<td>None</td>
</tr>
<tr>
<td>JOURNALISM</td>
<td>Major studies: Creative writing, crime and justice, economics, event management, historical studies, Indigenous studies, Islam–West relations, marketing, photomedia, politics and international studies, popular music, public relations, screen studies, sociology, sport management, tourism</td>
</tr>
<tr>
<td></td>
<td>Requirements: None</td>
</tr>
<tr>
<td>LANGUAGES AND LINGUISTICS</td>
<td>Major studies: Chinese, Italian, Japanese, Spanish. Students can undertake languages available at other campuses. Modern Greek can be taken via cross-institutional study online through Flinders University.</td>
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<tr>
<td></td>
<td>Requirements: None</td>
</tr>
<tr>
<td>LAW</td>
<td>Requirements: None</td>
</tr>
<tr>
<td>LAW (COMBINED)</td>
<td>The following combined Law courses are available:</td>
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<tr>
<td></td>
<td>- Arts/Law</td>
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<td>- Business/Law</td>
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<td>- Commerce/Law</td>
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<td></td>
<td>- Criminology and Criminal Justice/Law</td>
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<td></td>
<td>- Government and International Relations/Law</td>
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<td></td>
<td>- International Business/Law</td>
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<td></td>
<td>- Pharmacology and Toxicology/Law</td>
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<td>- Psychological Science/Law</td>
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<td>- Science in Environment/Law</td>
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<td></td>
<td>Course prerequisites: For Pharmacology and Toxicology/Law:</td>
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<td></td>
<td>Mathematics or HSC Mathematics Extension 1 or HSC Mathematics Extension 2, one of Biology, Chemistry or Physics For Science in Environment/Law: Mathematics General 2 or Mathematics</td>
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<tr>
<td></td>
<td>For other combined law courses: None</td>
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<td></td>
<td>Recommended studies: For Science in Environment/Law: One of Biology, Chemistry or Physics</td>
</tr>
<tr>
<td>MARINE SCIENCE</td>
<td>Major studies: Coastal physical science, coastal resources management, marine chemical sciences, marine ecology</td>
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<td></td>
<td>Course prerequisites: Mathematics or Mathematics General 2</td>
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<tr>
<td></td>
<td>Recommended studies: One of Biology, Chemistry or Physics</td>
</tr>
<tr>
<td>MEDICAL LABORATORY SCIENCE</td>
<td>Course prerequisites: Mathematics, one of Biology, Chemistry or Physics</td>
</tr>
<tr>
<td>MEDICAL SCIENCE</td>
<td>Course prerequisites: Mathematics (Band 4 or higher), any two units of English (Band 4 or higher), one of Biology, Chemistry or Physics (Band 4 or higher)</td>
</tr>
<tr>
<td>MULTIMEDIA</td>
<td>Major studies: Digital media design, interactive entertainment and games programming, internet computing, management, marketing, music production and programming</td>
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<td></td>
<td>Assumed knowledge: Mathematics or General Mathematics 2</td>
</tr>
<tr>
<td>NURSING</td>
<td>Requirements: None</td>
</tr>
<tr>
<td>NUTRITION AND DIETETICS</td>
<td>Assumed knowledge: Biology, Chemistry, Mathematics</td>
</tr>
<tr>
<td>OCCUPATIONAL THERAPY</td>
<td>Course prerequisites: One of Biology, Chemistry or Physics</td>
</tr>
<tr>
<td>ORAL HEALTH IN DENTAL SCIENCE</td>
<td>Course prerequisites: Any two units of English (Band 4 or higher), one of Biology, Chemistry, Physics or Mathematics (Band 4 or higher)</td>
</tr>
<tr>
<td>ORAL HEALTH IN DENTAL TECHNOLOGY</td>
<td>Course prerequisites: Any two units of English (Band 4 or higher), one of Biology, Chemistry, Physics or Mathematics (Band 4 or higher)</td>
</tr>
<tr>
<td>PARAMEDICINE</td>
<td>Course prerequisites: One of Biology, Chemistry, Physics or Mathematics</td>
</tr>
<tr>
<td>PHARMACY</td>
<td>Course prerequisites: Mathematics or HSC Mathematics Extension 1 or HSC Mathematics Extension 2, one of Biology, Chemistry or Physics</td>
</tr>
<tr>
<td>PHARMACOLOGY AND TOXICOLOGY</td>
<td>Course prerequisites: Mathematics or HSC Mathematics Extension 1 or HSC Mathematics Extension 2, one of Biology, Chemistry or Physics</td>
</tr>
<tr>
<td>POPULAR MUSIC</td>
<td>Additional selection criteria: Audition and portfolio</td>
</tr>
<tr>
<td>PSYCHOLOGICAL SCIENCE</td>
<td>Requirements: None</td>
</tr>
<tr>
<td>PSYCHOLOGY WITH HONOURS</td>
<td>Requirements: None</td>
</tr>
<tr>
<td>PUBLIC HEALTH IN HEALTH PROMOTION AND PUBLIC HEALTH NUTRITION</td>
<td>Requirements: None</td>
</tr>
<tr>
<td>PUBLIC RELATIONS AND COMMUNICATION</td>
<td>Minor studies: Asian and international studies, creative writing, crime and justice, economics, environmental studies, event management, history, Indigenous studies, Islam–West relations, journalism, literary studies, marketing, politics and international studies, popular music, science, technology and society, sociology, sport management, tourism. Not all minors are offered at all campuses. Students can take minors offered at another campus.</td>
</tr>
<tr>
<td></td>
<td>Requirements: None</td>
</tr>
<tr>
<td>SCIENCE</td>
<td>Major studies: Applied mathematics, biochemistry and molecular biology, bioinformatics, chemistry, computational science, environmental science, environmental sustainability, marine biology, microbiology, physics, wildlife biology</td>
</tr>
<tr>
<td></td>
<td>Course prerequisites: General Mathematics 2 or Mathematics</td>
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<td></td>
<td>Recommended studies: One of Biology, Chemistry or Physics</td>
</tr>
<tr>
<td>SCIENCE IN ECOLOGY AND CONSERVATION BIOLOGY</td>
<td>Assumed knowledge: General Mathematics 2 or Mathematics</td>
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<tr>
<td></td>
<td>Recommended studies: One of Biology, Chemistry or Physics</td>
</tr>
<tr>
<td>SOCIAL WORK</td>
<td>Requirements: None</td>
</tr>
<tr>
<td>SPORT DEVELOPMENT</td>
<td>Course prerequisites: One of Biology, Chemistry, Physics, Mathematics or Mathematics General 2</td>
</tr>
</tbody>
</table>
URBAN AND ENVIRONMENTAL PLANNING

Recommended studies: General Mathematics 2 or Mathematics

COMBINED DEGREES

If you intend to undertake combined degrees, check the prerequisites, assumed knowledge and recommended studies for both degrees. Contact the University for further details.

Griffith University currently offers combined degrees in:

- B Arts/B Business
- B Arts/B Commerce
- B Engineering with Honours in Civil Engineering/B Business
- B Engineering with Honours in Civil Engineering/B Information Technology
- B Engineering with Honours in Civil Engineering/B Science
- B Information Technology/B Multimedia
- B Urban and Environmental Planning/B Science
- B Pharmacology and Toxicology/B Business
- B Pharmacology and Toxicology/B Laws
- B Exercise Science/B Business
- B Exercise Science/B Psychological Science
- B Exercise Science/Graduate Diploma of Exercise Science
- B Human Services/B Criminology and Criminal Justice
- B Psychological Science/B Criminal Justice

Business (Combined)

- B Business/B Digital Media
- B Business/B Journalism
- B Business/B Psychological Science
- B Business/B Public Relations and Communication
- B Business/B Commerce
- B Business/B International Business
- B Business/B Government and International Relations
- B Commerce/B International Business
- B International Business/B Government and International Relations
- B International Tourism and Hotel Management/B Business

The Griffith High Achiever Guarantee rewards applicants with an ATAR 88.80+ a guaranteed place in most Griffith degrees, whatever the published cut-off. Prerequisites and additional entry requirements still apply and some degrees are exempt from the guarantee. To find out more, visit www.griffith.edu.au/futurestudents.
Areas of study are generally offered as Bachelor degrees unless Dip, Adv Dip or Assoc Deg is shown in brackets.

### ACCOUNTING AND FINANCE
- **Recommended studies:** Any two units of English and one of Accounting, Business Studies, Economics, Mathematics
- **Additional selection criteria:** Interview

### BANKING AND FINANCE
- **Recommended studies:** Any two units of English and one of Accounting, Business Studies, Economics, Mathematics
- **Additional selection criteria:** Interview

This course is subject to accreditation by TEQSA.

### BUSINESS MANAGEMENT
- **Entrepreneurship**
- **Human Resource Management**
- **Logistics and Supply Chain Management**
- **Marketing and New Media**
- **Retail Marketing**
- ** Recommended studies:** Any two units of English and one of Accounting, Business Studies, Economics, Mathematics
- **Additional selection criteria:** Interview

### EVENT MANAGEMENT
- **Recommended studies:** Any two units of English and one of Accounting, Business Studies, Economics, Mathematics
- **Additional selection criteria:** Interview

### HOSPITALITY MANAGEMENT
- **Recommended studies:** Any two units of English and one of Accounting, Business Studies, Economics, Mathematics
- **Additional selection criteria:** Interview

### INTERNATIONAL TOURISM
- **Recommended studies:** Any two units of English and one of Accounting, Business Studies, Economics, Mathematics
- **Additional selection criteria:** Interview

### PROPERTY (DEVELOPMENT, INVESTMENT AND VALUATION)
- **Recommended studies:** Any two units of English and one of Accounting, Business Studies, Economics, Mathematics
- **Additional selection criteria:** Interview

### SPORTS MANAGEMENT
- **Recommended studies:** Any two units of English and one of Accounting, Business Studies, Economics, Mathematics
- **Additional selection criteria:** Interview

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### Applied Social Science

#### Community Services
- **Course prerequisites:** Completion of Year 12
- **Recommended studies:** English (Standard)

#### Counselling
- **Requirements:** None

#### Applied Social Science (Dip)
- **Requirements:** None

#### Counselling (Dip)
- **Requirements:** None
## La Trobe University

www.latrobe.edu.au  
CRICOS provider number 00115M

### Enquiries

<table>
<thead>
<tr>
<th>Campus</th>
<th>By Post Details</th>
<th>In Person Details</th>
<th>Contact Information</th>
</tr>
</thead>
</table>
| Albury-Wodonga campus | Future Students Adviser                               | Student Administration                    | Telephone: (02) 6024 9785  
Fax: (02) 6024 9777  
Email: stud-admin.aw@latrobe.edu.au |
| Mildura campus       | Student Administration                                | Student Administration                    | Telephone: (03) 5051 4000  
Fax: (03) 5022 0043 |
| Bendigo campus       | La Trobe University                                  | Student Administration                    | Telephone: (03) 5444 7222  
Email: bendigo@latrobe.edu.au |
| Sydney campus        | La Trobe University                                  | Level 10, 11 York Street                 | Telephone: (02) 9397 7600  
Fax: (02) 9397 7601  
Email: sydney@latrobe.edu.au |

### READ THIS FIRST

For up-to-date information contact the University before making any final decisions regarding your choice of HSC courses.  
All enquiries for all campuses: visit ASK La Trobe at www.latrobe.edu.au/ask-us or call 1300 LA TROBE (1300 52 87623).

### College of Arts, Social Sciences and Commerce

For Accounting, Arts, Business, Education, Visual Arts/Graphic Design courses

### College of Science, Health and Engineering

For Civil Engineering, Nursing, Occupational Therapy, Paramedic, Physiotherapy, Speech Pathology, Psychology, Science, Social Work courses  
Areas of study are generally offered as Bachelor degrees unless Dip, Adv Dip or Assoc Deg is shown in brackets.

### ARTS

**Major studies:** English+, history+, social sciences+, sociology  
**Course prerequisites:** Any two units of English (min. standard required)  
+ Available at Mildura as well as Albury-Wodonga.

### BUSINESS, ACCOUNTING

**Major studies:** Accounting, business, management+, marketing, international business  
**Course prerequisites:** Any two units of English (min. standard required)  
+ Management is the only major offered at Mildura.

### CIVIL ENGINEERING

**Course prerequisites:** Any two units of English plus Mathematics or HSC Mathematics Extension 1 or HSC Mathematics Extension 2 (min. standards required)  
Bendigo campus only

### EDUCATION

**Major studies:** Primary  
**Course prerequisites:** Any two units of English, any two units of mathematics (min. standards required)  
Requirements for teaching courses are currently under review. Check with the University for specific requirements.

### NURSING (PRE-REGISTRATION)

**Course prerequisites:** Any two units of English plus one of Biology, Chemistry, Mathematics, Personal Development, Health and Physical Education (PDHPE) or Physics (min. standards required)

### OCCUPATIONAL THERAPY/SPEECH PATHOLOGY

**Course prerequisites:** Any two units of English plus one of Biology, Chemistry, Mathematics, Personal Development, Health and Physical Education (PDHPE) or Physics (min. standards required)

### PARAMEDIC PRACTICE

**Course prerequisites:** Any two units of English plus one of Biology, Chemistry, Mathematics, Personal Development, Health and Physical Education (PDHPE) or Physics (min. standards required)

### PHYSIOTHERAPY

**Course prerequisites:** Any two units of English, plus one of Biology, Chemistry, Mathematics, Personal Development, Health and Physical Education (PDHPE) or Physics (min. standards required)

### PSYCHOLOGICAL SCIENCE

**Course prerequisites:** Any two units of English (min. standard required)
**SCIENCE**

Course prerequisites: Any two units of English, any two units of mathematics (min. standards required)

Agricultural Science+, Science (Wildlife and Conservation Biology), Applications in Society

Course prerequisites: Any two units of English (min. standard required)

Bioscience

Course prerequisites: Any two units of English plus one of Agriculture, Biology, Chemistry, Earth and Environmental Science, Geography, Information Processes and Technology, any two units of mathematics, Personal Development, Health and Physical Education (PDHPE) or Physics (min. standards required)

+ First year only at Albury–Wodonga. Students transfer to Bundoora (Melbourne) from second year.

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**SOCIAL WORK**

Course prerequisites: Any two units of English (min. standard required)

**VISUAL ARTS**

Major studies: Graphic design, visual arts

Course prerequisites: Any two units of English (min. standard required)

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**Macleay College**

www.macleay.edu.au

CRICOS provider number 00899G

Enquiries

by post: Admissions Office
Macleay College
Level 2, 28 Foveaux Street
Surry Hills NSW 2010

in person: Macleay College
Level 2, 28 Foveaux Street
Surry Hills NSW 2010

telephone: 1300 939 888
fax: (02) 9264 8252
email: study@macleay.edu.au

Areas of study are generally offered as Bachelor degrees unless Dip, Adv Dip or Assoc Deg is shown in brackets.

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**ACCOUNTING (DIP)**

Recommended studies: Any two units of English plus Mathematics

Additional selection criteria: Interview

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**ADVERTISING (DIP)**

Recommended studies: Any two units of English plus Mathematics

Additional selection criteria: Interview

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**BUSINESS**

Event Management
Public Relations
Sports Business
Travel and Tourism

Recommended studies: Any two units of English plus Mathematics

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**BUSINESS MANAGEMENT (DIP)**

Event Management
Public Relations
Sports Business
Travel and Tourism

Recommended studies: Any two units of English plus Mathematics

Additional selection criteria: Interview

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**JOURNALISM**

Business
Fashion
Food & Lifestyle
Investigative Reporting
Music
Sports

Recommended studies: Any two units of English

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**JOURNALISM (DIP)**

Business
Fashion
Food & Lifestyle
Investigative Reporting
Music
Sports

Recommended studies: Any two units of English

Additional selection criteria: Interview

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**MARKETING (DIP)**

Real Estate

Recommended studies: Any two units of English plus Mathematics

Additional selection criteria: Interview
**ACTUARIAL STUDIES**
- **Assumed knowledge:** HSC Mathematics Extension 1
- **Recommended studies:** HSC Mathematics Extension 1, HSC Mathematics Extension 2

**APPLIED FINANCE**
- **Assumed knowledge:** Mathematics
- **Recommended studies:** HSC Mathematics Extension 1

**ARTS**

**ARTS WITH EDUCATION**
- **Major studies:** Ancient history (Egypt and Near East); ancient history (Greece; Rome and late antiquity); anthropology; archaeology; arts practice and management; Chinese studies; Chinese/English translation and interpreting; contemporary music; dance and performance; Croatian studies; cultural studies; dance; decision science; development studies and cultural change; education; English; French studies; gender studies; geography; German studies; Hellenic studies; human geography; Indigenous studies; international communication; Italian studies; Japanese studies; linguistics; media, culture and communication; modern Greek studies; modern history; philosophy; Polish studies; politics and international relations; psychological science*; Russian studies; sociology; Spanish and Latin American studies; statistics; writing
- **Requirements:** None for ancient or modern history, anthropology, contemporary music, creative arts, cultural studies, dance, decision science, development studies, education, English, gender studies, geography, human geography, Indigenous studies, international communications, linguistics, philosophy, politics, sociology, statistics, writing majors
- **Subject prerequisites:** For language majors: Chinese, Croatian, French, German, Italian, Japanese, Modern Greek, Polish, Russian, Spanish
- **For introductory units:** None
- **Assumed knowledge:** For intending primary teachers in NSW schools: Any two units of English (Band 4), any two units of mathematics
- **For intending secondary teachers in NSW schools:** Any two units of English (Band 4)
- **Recommended studies:** For psychological science: Mathematics
  + This major does not lead to registration as a psychologist or to professional postgraduate training in psychology.

**Environmental Management**
- **Requirements:** Refer to SCIENCE main area of study

**Science**
- **Major studies:** Astronomy and astrophysics, biological chemistry, chemistry, computing, electronics, geochemistry, geography, human geography, mathematics, mathematical physics, physics (Science subjects may be taken as majors within an Arts degree)
- **Subject prerequisites:** Refer to SCIENCE main area of study for subject prerequisites (min. standards required), assumed knowledge and recommended studies for science majors taken within an Arts degree
- **Assumed knowledge:** Refer to SCIENCE main area of study for subject prerequisites, assumed knowledge and recommended studies for science majors taken within an Arts degree
- **Recommended studies:** Refer to SCIENCE main area of study for subject prerequisites, assumed knowledge and recommended studies for science majors taken within an Arts degree
- **Requirements for teaching courses are currently under review. Check with the University for specific requirements.**

**ARTS–MEDIA**
- **Major studies:** Animation, audio, digital media, games and interactivity, media theory, multimedia, public relations, radio, screen production, soundtracks, writing
- **Requirements:** None for first-year units

**BUSINESS ADMINISTRATION WITH ARTS**

**BUSINESS ADMINISTRATION WITH SCIENCE**
- **Assumed knowledge:** Mathematics General 2

**COMMERCE**
- **Accounting**
  - **Assumed knowledge:** Mathematics General 2
- **Decision Science**
- **Economics**
- **Finance**
  - **Assumed knowledge:** Mathematics
  - **Recommended studies:** HSC Mathematics Extension 1

**Business Information Systems**

**Human Resources**

**International Business**
- **Assumed knowledge:** Mathematics General 2 (students with Mathematics General 2 or minimal mathematics can take a mathematics unit in their first year)
- **Recommended studies:** Mathematics
University Entry Requirements 2018 for Year 10 Students

Marketing
Assumed knowledge: Mathematics General 2
Recommended studies: Mathematics

COMPUTING AND INFORMATION TECHNOLOGY

Business Information Systems
Major studies: Business analysis, computer systems, databases, system analysis
Assumed knowledge: Mathematics General 2
Recommended studies: Information Processes and Technology

Computer Engineering
Subject prerequisites: Refer to Engineering (min. standards required)

eBusiness
Major studies: eCommerce, database, networks, programming, technology management, web technology
Recommended studies: Information Processes and Technology, Software Design and Development

Games Design and Development
Recommended studies: HSC Mathematics Extension 1 or HSC Mathematics Extension 2 plus Software Design and Development

Information Technology
Major studies: Computer science, databases and technology, networks, networks and programming, programming, software engineering, web technology
Recommended studies: HSC Mathematics Extension 1 or HSC Mathematics Extension 2 plus Software Design and Development or Information Processes and Technology

Software Engineering
Subject prerequisites: Refer to Engineering (min. standards required)

ECONOMICS
Assumed knowledge: Mathematics. Students with Mathematics General 2 or with minimal mathematics can take a mathematics unit in their first year.

EDUCATION
Major studies: Early childhood education primary, secondary
Assumed knowledge: Any two units of English (Band 4), any two units of mathematics (Band 4)
Also refer to Arts with Education.
Requirements for teaching courses are currently under review. Check with the University for specific requirements.

ENGINEERING
ENGINEERING WITH ARTS
ENGINEERING WITH COMMERCE
ENGINEERING WITH SCIENCE
Major studies: Computer engineering, electronics engineering, mechanical engineering, mechatronic engineering, software engineering, telecommunications engineering, wireless engineering
Subject prerequisites: Mathematics (min. standard required)
Recommended studies: HSC Mathematics Extension 1 or HSC Mathematics Extension 2 plus Chemistry and Physics

ENVIRONMENT
Major studies: Biology, chemistry, climate science, environmental earth science, environmental geology, environmental management, spatial information science
Recommended studies: Biology or Chemistry or Earth and Environmental Science or Geography plus Mathematics
For chemistry: Chemistry, Mathematics

HUMAN SCIENCES
Major studies: Health studies
Assumed knowledge: None for first-year units
Recommended studies: Mathematics

INTERNATIONAL STUDIES
Major studies: Cultural studies, intercultural communication, languages
Requirements: None for first-year units

LAW
SECURITY STUDIES
Major studies: Corporate and commercial law, criminology, environmental law and management; international law and global governance; media, technology and the law; public policy, law and governance; security studies; social justice
Requirements: None for first-year units

LAW (COMBINED)
The following combined Law courses are offered:
- Applied Finance with Law
- Arts with Law
- Arts (Media) with Law
- Arts-Psychology with Law
- Business Administration with Law
- Commerce (Accounting) with Law
- Commerce with Law
- Environment with Law
- Information Technology with Law
- International Studies with Law
- Science with Law
- Social Science with Law
Recommended studies: For Law: None for first-year units For the other area of study: Refer to the relevant entry

MARINE SCIENCE
Major studies: Marine biology, marine geoscience
Recommended studies: Earth and Environmental Science
For biology: Chemistry or Senior Science, plus Mathematics

MARKETING AND MEDIA
Assumed knowledge: Mathematics General 2
Recommended studies: Mathematics

MEDICAL SCIENCES
Major studies: Biomedical, medicinal chemistry, psychomedical
Recommended studies: Chemistry, HSC Mathematics Extension 1

PLANNING
Major studies: Development studies and cultural change, human geography, resource and environmental management
Assumed knowledge: None for first-year units
Recommended studies: Geography or Earth and Environmental Science or Society and Culture

PROFESSIONAL ACCOUNTING
Assumed knowledge: Mathematics General 2

PSYCHOLOGY
PSYCHOLOGY (HONOURS)
PSYCHOLOGY WITH BUSINESS ADMINISTRATION
PSYCHOLOGY WITH COMMERCE
PSYCHOLOGY WITH EDUCATION
PSYCHOLOGY WITH HEALTH
Recommended studies: For Psychology: Mathematics For the other area of study: Refer to the relevant entry
UAC’s participating institutions – requirements

SCIENCE

SCIENCE WITH EDUCATION


Note: Some of the above areas of study may also be taken as part of an Arts degree.

+ This major does not lead to registration as a psychologist or to professional postgraduate training in psychology.

Subject prerequisites:

For mathematics: Mathematics (min. standards required; refer also to Science Advanced Program entry)
For astronomy and astrophysics, photonics and physics: Mathematics (min. standards required)

Assumed knowledge:

For chemistry-related areas of study: Chemistry, Mathematics
For computing: Mathematics
For electronics: Mathematics
For intending primary and secondary teachers in NSW, refer to Arts/Arts with Education.

Recommended studies:

For biology-related areas of study: Chemistry or Senior Science, Mathematics
For climate science: Earth and Environmental Science or Geography plus Mathematics
For environmental earth science: Earth and Environmental Science or Geography plus Mathematics
For geology-related areas of study: Earth and Environmental Science or Chemistry
For geophysics: Mathematics or Physics or Earth and Environmental Science or Engineering Studies. Units of study are available in Chemistry, Physics, Mathematics for students who have not studied these courses at HSC level
For human biology: Chemistry or Senior Science plus Mathematics
For mathematics: HSC Mathematics Extension 1 or HSC Mathematics Extension 2
For psychology: Mathematics
For psychological science: Mathematics, Geography
For statistics: Mathematics, Geography
For spatial information science: Mathematics, Geography

SOCIAL SCIENCES

Major studies: Anthropology, criminology, cultural studies, development studies and culture change, environmental management, gender studies, human geography, Indigenous studies, international relations, linguistics, philosophy, politics, political economy and social policy, psychological science, sociology

Requirements: None for first-year units

SPEECH AND HEARING SCIENCES

Major studies: Audiology, speech and language pathology, speech research
Requirements: None

Recommended studies:

Chemistry or Senior Science plus Mathematics

Requirements for teaching courses are currently under review. Check with the University for specific requirements.
MIT Sydney

www.mit.edu.au
CRICOS provider numbers 02814A (NSW), 03245K (NSW)

Enquiries
by post: MIT Sydney
154–158 Sussex Street
Sydney NSW 2000
in person: MIT Sydney
154–158 Sussex Street
Sydney NSW 2000
telephone: (02) 8267 1400
fax: (02) 8267 1499
email: info.sydney@mit.edu.au,
enrolments.syd@mit.edu.au

Areas of study are generally offered as Bachelor degrees unless Dip, Adv Dip or Assoc Deg is shown in brackets.

BUSINESS

BUSINESS (DIP)

Course prerequisites: Completion of Year 12

INFORMATION TECHNOLOGY

Networking

Course prerequisites: Completion of Year 12

INFORMATION TECHNOLOGY (DIP)

Course prerequisites: Completion of Year 12

National Art School

www.nas.edu.au
CRICOS provider number 03197B

Enquiries
by post: National Art School
Forbes Street
Darlinghurst NSW 2010
in person: National Art School
Forbes Street
Darlinghurst NSW 2010
telephone: (02) 9339 8651
email: student.services@nas.edu.au

READ THIS FIRST

- In addition to completion of the HSC (or equivalent), admission requirements for B Fine Art include interview and portfolio evaluation. For further information regarding portfolio requirements, visit www.nas.edu.au.
- The National Art School offers portfolio development with its short course program and also offers the NSW Board of Studies, Teaching and Education Standards endorsed HSC Intensive Studio Practice course for Year 11 Visual Arts students throughout NSW.

Areas of study are generally offered as Bachelor degrees unless Dip, Adv Dip or Assoc Deg is shown in brackets.

FINE ARTS

Major studies: Studio major disciplines offered include ceramics, painting, photography, printmaking, sculpture. Drawing and art history and theory are core subjects that underpin the studio-based study throughout the course.
Assumed knowledge: Visual Arts
Additional selection criteria: Portfolio, interview
<table>
<thead>
<tr>
<th>Program Area</th>
<th>Course Details</th>
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<tbody>
<tr>
<td><strong>Animation</strong></td>
<td></td>
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</tbody>
</table>
| 3D Modelling | Major studies: Advanced 3D modelling, digital environments, technical art pipelines  
Course prerequisites: Completion of Year 12 or equivalent  
Additional selection criteria: Interview |
| Character Animation | Major studies: Advanced 2D animation, advanced character animation, rigging  
Course prerequisites: Completion of Year 12 or equivalent  
Additional selection criteria: Interview |
| Visual Effects | Major studies: Dynamics, intermediate and advanced compositing  
Course prerequisites: Completion of Year 12 or equivalent  
Additional selection criteria: Interview |
| Screen and Media (Animation) (Dip) | Major studies: 3D animation principles and practice including scriptwriting, 3D characters and environments, modelling and animation, storyboarding  
Course prerequisites: Completion of Year 12 or equivalent |
| **Design** | |
| Graphic Design | Major studies: Typography, design for print media, pre-press  
Course prerequisites: Completion of Year 12 or equivalent  
Additional selection criteria: Interview |
| Interactive Digital Media (Dip) | Major studies: Animation and graphic, web and games design  
Course prerequisites: Completion of Year 12 or equivalent  
Additional selection criteria: Interview |
| Web Design | Major studies: Design for content management systems, interaction design, interface design  
Course prerequisites: Completion of Year 12 or equivalent  
Additional selection criteria: Interview |
| **Audio** | |
| Post Production | Major studies: Advanced sound for picture techniques, audio post production team dynamics  
Course prerequisites: Completion of Year 12 or equivalent  
Additional selection criteria: Interview |
| Sound Production (Electronic Music Production) | Major studies: DAW theory and practice, use of plug-ins, hardware and software synthesis, sampling, mixing techniques, multi-track recording, sequencing and electronic music production, signal processing and effects  
Course prerequisites: Completion of Year 12 or equivalent  
Additional selection criteria: Interview |
| Sound Production (Live Sound) (Dip) | Major studies: Digital audio workstation (DAW) operations, live sound, mixing and planning  
Course prerequisites: Completion of Year 12 or equivalent  
Additional selection criteria: Interview |
| **Film** | |
| Post Production | Major studies: Colour grading, compositing, editing  
Course prerequisites: Completion of Year 12 or equivalent  
Additional selection criteria: Interview |
| Production | Major studies: Directing, producing  
Course prerequisites: Completion of Year 12 or equivalent  
Additional selection criteria: Interview |
| Screen and Media (Digital Video Production) (Dip) | Major studies: Documentary, narrative and music videos, video production  
Course prerequisites: Completion of Year 12 or equivalent  
Additional selection criteria: Interview |
GAMES DEVELOPMENT

Games Design
- **Major studies:** Advanced game design, foundations of 3D graphics, game audio, games as media, level development, psychology of play
- **Course prerequisites:** Completion of Year 12 or equivalent
- **Additional selection criteria:** Interview

Games Programming
- **Major studies:** Applied mathematics, game engine architecture, games technology, programming, tools development
- **Course prerequisites:** Completion of Year 12 or equivalent
- **Additional selection criteria:** Interview

INTERACTIVE TECHNOLOGIES

Interactive Digital Media (Dip)
- **Major studies:** Animation and graphic, web and games design
- **Course prerequisites:** Completion of Year 12 or equivalent
- **Additional selection criteria:** Interview

Mobile Development
- **Major studies:** Emerging platforms, programming
- **Course prerequisites:** Completion of Year 12 or equivalent
- **Additional selection criteria:** Interview

Web Development
- **Major studies:** Design for content management systems, search engine optimisation
- **Course prerequisites:** Completion of Year 12 or equivalent
- **Additional selection criteria:** Interview
Areas of study are generally offered as Bachelor degrees unless Dip, Adv Dip or Assoc Deg is shown in brackets.

**ABORIGINAL HEALTH AND WELLBEING**

Major studies: Counselling  
Recommended studies: Any two units of English  
* Subject to approval.

**ARTS**

Major studies: Art and design, communication and cultural studies, contemporary music, governance and society, history, media studies, psychology, writing  
Assumed knowledge: English (Advanced)

**ARTS (ASSOC DEG)**

Recommended studies: Any two units of English

**BIOMEDICAL SCIENCE**

Major studies: Biomedical science, human nutrition  
Recommended studies: Mathematics plus one or more of Biology, Chemistry, Physics  
* Subject to approval.

**BUSINESS**

Major studies: Accounting, accounting and advanced accounting, aviation management, digital marketing, finance, human resource management, information systems, international business, management, marketing, marketing and digital marketing  
Assumed knowledge: Mathematics, Business Studies, any two units of English  
Recommended studies: One or more of Economics, Information Processes and Technology, Legal Studies

**BUSINESS (ASSOC DEG)**

Recommended studies: Business Studies or Economics

**BUSINESS ADMINISTRATION**

Assumed knowledge: Mathematics, Business Studies, any two units of English  
Recommended studies: One or more of Economics, Information Processes and Technology, Legal Studies

**CIVIL ENGINEERING**

Major studies: Environmental engineering  
Recommended studies: Mathematics plus Chemistry and/or Physics

**CLINICAL SCIENCES**

Major studies: Human structure and function, osteopathic studies  
(double major)  
Recommended studies: Biology plus Chemistry or Mathematics

**CONTEMPORARY MUSIC**

Major studies: Industry and audio production, music education, performance  
Assumed knowledge: Competency on a musical instrument, particularly for the performance major and basic music theory  
Recommended studies: Music 1 or Music 2 or HSC Music Extension  
Additional selection criteria: For performance major: Audition

**CONTEMPORARY STUDIES**

Recommended studies: Any two units of English

**CONVENTION AND EVENT MANAGEMENT**

Recommended studies: Business Studies, any two units of English

**CREATIVE ARTS**

Major studies: Art and design, contemporary music, media studies, writing  
Assumed knowledge: English (Advanced)  
Recommended studies: HSC English Extension 1 or HSC English Extension 2

**CREATIVE WRITING (ASSOC DEG)**

Assumed knowledge: English (Advanced)  
Recommended studies: HSC English Extension 1 or HSC English Extension 2

**EDUCATION/TEACHING**

Early Childhood  
Primary (K–6)  
Course prerequisites: Gold Coast: Any two units of English (Band 4), Mathematics General 2 or higher (Band 4) plus Agriculture, Biology or Chemistry or Physics or Earth and Environmental Science or Senior Science (Band 4).  
Lismore, Coffs Harbour, Distance Education: Entry requirements are currently under review; contact the University for further information.

Secondary+  
Technology Education  
Course prerequisites: Gold Coast: Any two units of English (Band 4), Mathematics General 2 or higher (Band 4).  
Lismore, Coffs Harbour, Distance Education: Entry requirements are currently under review; contact the University for further information.  
* For listing see Education/Teaching Combined degrees at end of SCU entry.
ENVELOPMENTAL SCIENCE
Major studies: Coastal management, environmental resource management, fisheries and aquaculture management
Recommended studies: Biology, Chemistry, Geography, Mathematics

FOREST SCIENCE AND MANAGEMENT
Recommended studies: Biology and/or Chemistry, Mathematics

HEALTH (ASSOC DEG)
Recommended studies: Biology and/or Chemistry

HOTEL MANAGEMENT
Recommended studies: Any two units of English plus Business Studies and/or Hospitality
Additional selection criteria: Interview

INDIGENOUS KNOWLEDGE*
Major studies: Arts and social sciences, business and tourism, education, engineering, environmental science, health and human sciences, law and justice
Recommended studies: Any two units of English
* Subject to approval.

INFORMATION TECHNOLOGY
Major studies: Information systems, interactive multimedia, software development
Assumed knowledge: Mathematics
Recommended studies: Information Processes and Technology, any two units of English

INFORMATION TECHNOLOGY (ASSOC DEG)
Assumed knowledge: Mathematics
Recommended studies: Information Processes and Technology, any two units of English

MECHANICAL ENGINEERING
Recommended studies: Mathematics plus Chemistry and/or Physics

LAW (ASSOC DEG)
Major studies: Conveyancing
Requirements: None

LAWS
LAW (DOUBLE DEGREES)
The following double law degrees are offered:

- Arts/Laws
- Business/Laws
- Contemporary Music/Laws
- Legal and Justice Studies/Laws
- Social Science/Laws
- Sport and Exercise Science/Laws

Requirements: For Laws: None For the other area of study: Refer to the relevant entry

LEGAL AND JUSTICE STUDIES
Major studies: Conveyancing
Requirements: None

MARINE SCIENCE AND MANAGEMENT
Recommended studies: Biology and/or Chemistry, Mathematics

MEDIA
Major studies: Journalism, media and design, media and society, screen
Assumed knowledge: Any two units of English
Recommended studies: HSC English Extension 1 or HSC English Extension 2

MIDWIFERY
Assumed knowledge: Any two units of English plus Mathematics plus Chemistry or Biology
Recommended studies: HSC English Extension 1 or HSC English Extension 2

NURSING
Assumed knowledge: Any two units of English, any two units of mathematics
Recommended studies: One or more of Chemistry, Biology or Physics

OCCUPATIONAL THERAPY
Recommended studies: Biology

PEDORTHICS*
Recommended studies: Biology, Chemistry, Mathematics
* Subject to approval.

PODIATRY
Recommended studies: Biology, Chemistry, Mathematics

PSYCHOLOGICAL SCIENCE
Recommended studies: Mathematics, Biology

REGIONAL AND URBAN PLANNING
Recommended studies: Design and Technology, Economics, English (Advanced), Geography, Legal Studies, Society and Culture

SCIENCE
Major studies: Biology, engineering, environmental chemistry, human biology, information technology, mathematics, psychology
Recommended studies: Biology, Chemistry, Mathematics

SCIENCE (ASSOC DEG)
Recommended studies: Biology, Chemistry, Mathematics

SCIENCE (DIP)
Recommended studies: Biology and/or Chemistry, Mathematics

SOCIAL SCIENCE
Major studies: Politics and government, sociology
Assumed knowledge: Any two units of English

SOCIAL WELFARE
Major studies: Ageing, children and young people, health and disability, Indigenous studies
Assumed knowledge: Any two units of English

SPEECH PATHOLOGY
Recommended studies: Biology, Chemistry, Mathematics
SPORT AND EXERCISE SCIENCE

**Major studies:** Education, exercise science, nutrition

**Recommended studies:** Mathematics, any two units of English, one or more of Biology, Chemistry, Physics, Personal Development, Health and Physical Education (PDHPE) or Business Studies

TOURISM AND HOSPITALITY MANAGEMENT

**Major studies:** Casino and gaming, hotels and resorts, tourism

**Recommended studies:** Any two units of English plus Business Studies and/or Hospitality

VISUAL ARTS

**Major studies:** Arts industry and media arts (including optional units in digital art and design, digital photography, online animation, online media design, professional placement, and arts project); arts industry and technology (including optional units in digital art and design, digital photography, photography, studio drawing, studio elective and professional placement)

**Recommended studies:** Visual Arts

**Additional selection criteria:** Interview, portfolio

DOUBLE DEGREES

Refer to the assumed knowledge and recommended studies for both components of the double degrees.

- Business/Arts
- Business/Laws
- Contemporary Music/Laws
- Environmental Science/Marine Science and Management
- Legal and Justice Studies/Laws
- Social Science/Laws
- Sport and Exercise Science/Laws

EDUCATION/TEACHING (COMBINED DEGREES)

Entry requirements for Education/Teaching courses are currently under review; contact the University for further information.

- Arts/Education (Primary)
- Arts/Education (Primary/Early Childhood)
- Arts/Education (Primary/Secondary)
- Arts/Education (Secondary)
- Technology/Education (Secondary)
**READ THIS FIRST**

SIBT will only consider academic subjects when determining a student’s average performance.

*Areas of study are generally offered as Bachelor degrees unless Dip, Adv Dip or Assoc Deg is shown in brackets.*

### ARTS (DIP)
**Assumed knowledge:** Completion of Year 12 or equivalent

### BUSINESS (ASSOC DEG)
**Assumed knowledge:** Completion of Year 12 or equivalent

### BUSINESS ADMINISTRATION (DIP)
**Assumed knowledge:** Completion of Year 12 or equivalent

### COMMERCE (DIP)
**Assumed knowledge:** Completion of Year 12 or equivalent

### COMMUNICATION (DIP)
**Assumed knowledge:** Completion of Year 12 or equivalent

### COMPUTING (DIP)
**Assumed knowledge:** Completion of Year 12 or equivalent

### ENGINEERING (DIP)
**Assumed knowledge:** Completion of Year 12 or equivalent
**University of Canberra**

www.canberra.edu.au
CRICOS provider number 00212K

| Enquiries | in person: University of Canberra
| | Student Central
| | Level B, Building 1
| | Kirinari Street
| | University of Canberra
| | Bruce ACT 2617
| telephone: 1800 UNI CAN (1800 864 226)
| fax: (02) 6201 5040

**READ THIS FIRST**

For details of options (approved majors) available within courses, visit www.canberra.edu.au

Areas of study are generally offered as Bachelor degrees unless Dip, Adv Dip or Assoc Deg is shown in brackets.

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**ACCOUNTING**

- Major studies: Accounting
- **Recommended studies:** ACT: Mathematical Methods T (Major)/Specialist Mathematics T (Major), English T (Major) NSW: Mathematics, English (Advanced)

**ADVERTISING**

- Major studies: Advertising, communication studies
- Requirements: None

**APPLIED ECONOMICS**

- Major studies: Professional economics
- **Recommended studies:** ACT: Mathematical Methods T (Major)/Specialist Mathematics T (Major), English T (Major) NSW: Mathematics, English (Advanced)

**ARCHITECTURE**

- Major studies: Architecture design
- Requirements: None

**ARTS**

- Major studies: Accounting, advertising, applied economics, applied statistics, architecture history and theory, communication studies, community development, community studies, counselling studies, creative writing, cultural heritage practice, digital design and production, English language and literature, event management, financial services, governance and policy, graphic design studio, human nutrition, Indigenous studies, information systems, integrated environmental management, international studies, journalism, justice studies, language studies, law and society, law and technology, literary studies, management, managing human resources, marketing, media and public affairs, media arts, museum studies, national security, politics and government, politics and international relations, psychology, public relations, service management, sociology and social policy, sport business, sport management, storytelling, teaching English to speakers of other languages (TESOL), tourism management, web design and production
- Requirements: None

**AUSTRALIAN POLITICS AND PUBLIC POLICY**

- Major studies: Australian politics, public policy
- Requirements: None

**BIOMEDICAL SCIENCE**

- Major studies: Human biology; chemical and molecular principles; human biology: from cells to organism
- **Recommended studies:** ACT: Biology T (Major) and/or Chemistry T (Major), Mathematical Methods T (Major) NSW: Biology and/or Chemistry, Mathematics

---

**BUILDING AND CONSTRUCTION MANAGEMENT**

- Major studies: Building and construction management
- Requirements: None

**BUSINESS ADMINISTRATION**

- Major studies: Business administration
- **Recommended studies:** ACT: Mathematical Methods T (Major)
- NSW: Mathematics

**BUSINESS INFORMATICS**

- Major studies: Business informatics, information systems
- Requirements: None

**COMMERCE**

- Major studies: Accounting, banking and financial services, business administration, economics, financial planning, human resource management, information systems, international business, marketing management, public sector management, tourism management
- **Recommended studies:** ACT: Mathematical Methods T (Major)/Specialist Mathematics T (Major), English T (Major) NSW: Mathematics, English (Advanced)
- Additional selection criteria: Students may be considered for entry based on portfolio submission and/or interview

**DESIGN**

- Major studies: Design, industrial design, interior architecture, landscape architecture
- **Recommended studies:** ACT: Mathematical Methods T (Major)/Specialist Mathematics T (Major), English T (Major) NSW: Mathematics, English (Advanced)
- Additional selection criteria: Students may be considered for entry based on portfolio submission and/or interview

**EDUCATION**

- Major studies: Early childhood, key learning areas, primary curriculum and pedagogy, teacher professional practice
- **Recommended studies:** ACT: English T (Major), Mathematical Methods T (Major)/Specialist Mathematics T (Major) NSW: English (Advanced), Mathematics
- Requirements for teaching courses are currently under review. Check with the University for specific requirements.

**EDUCATIONAL STUDIES**

- Major studies: International education, primary curriculum and pedagogy
- Requirements: None

This course is not a teaching qualification.
ENGINEERING IN NETWORK AND SOFTWARE ENGINEERING
Major studies: Network engineering
Recommended studies: ACT: Mathematical Methods T (Major)/Specialist Mathematics T (Major), English T (Major) NSW: Mathematics, English (Advanced)

ENTREPRENEURSHIP AND INNOVATION
Major studies: Entrepreneurial management
Requirements: None

ENVIRONMENTAL SCIENCE
Major studies: Applied ecology, coastal marine science, earth science, ecological conservation, environmental assessment, environmental chemistry, environmental genetics, environmental management, integrated environmental management, sustainability, water science
Recommended studies: ACT: Mathematical Methods T (Major), Biology T (Major) and/or Chemistry T (Major) NSW: Mathematics, Biology and/or Chemistry

EVENT AND TOURISM MANAGEMENT
Major studies: Event and tourism management
Requirements: None

EXERCISE PHYSIOLOGY AND REHABILITATION
Major studies: Sport coaching, sports science
Recommended studies: ACT: Biology T (Major), Chemistry T (Major), Mathematical Methods T (Major) and Physics T (Major) NSW: Biology, Chemistry, Mathematics, Physics
A National Police Check and Working with Vulnerable People clearance is required for placement units.

FILM PRODUCTION
Major studies: Film production
Requirements: None

FINANCE
Major studies: Banking and financial services, financial planning
Recommended studies: ACT: Mathematical Methods T (Major)/Specialist Mathematics T (Major), English T (Major) NSW: Mathematics, English (Advanced)

FORENSIC STUDIES
Major studies: Forensic biology, forensic chemistry
Recommended studies: ACT: Biology T (Major) and/or Chemistry T (Major), Mathematical Methods T (Major) NSW: Biology and/or Chemistry, Mathematics

GRAPHIC DESIGN
Major studies: Digital design and production, graphic design studio
Requirements: None

HERITAGE, MUSEUMS AND CONSERVATION
Major studies: Conservation, cultural heritage practice, heritage studies, museum studies
Requirements: None

HUMAN NUTRITION
Major studies: Human nutrition
Recommended studies: ACT: Chemistry T (Major), Mathematical Methods T (Major) NSW: Chemistry, Mathematics

HUMAN RESOURCE MANAGEMENT
Major studies: Human resource management
Requirements: None

INDUSTRIAL DESIGN
Major studies: Industrial design
Recommended studies: ACT: English T (Major), Mathematical Methods T (Major) NSW: Mathematics, English (Advanced)
Additional selection criteria: Students may be considered for entry based on portfolio submission and/or interview

INFORMATION TECHNOLOGY
Major studies: Information systems, software engineering
Recommended studies: ACT: Mathematical Methods T (Major)/Specialist Mathematics T (Major), English T (Major) NSW: English (Advanced), Mathematics

INTERIOR ARCHITECTURE
Major studies: Commercial design; exhibition design; film, TV and stage set design; furniture design; heritage interiors; hospitality design; residential design; retail design
Recommended studies: ACT: English T (Major) and Mathematical Methods T (Major)/Specialist Mathematics T (Major) NSW: English (Advanced), Mathematics
Additional selection criteria: Students may be considered for entry based on portfolio submission and/or interview

INTERNATIONAL BUSINESS
Major studies: International business
Requirements: None

INTERNATIONAL STUDIES
Major studies: International studies
Requirements: None

JOURNALISM
Major studies: Communication studies, journalism
Requirements: None

JUSTICE STUDIES
Major studies: Justice studies
Requirements: None

LANDSCAPE DESIGN
Major studies: Landscape design
Additional selection criteria: Students may be considered for entry based on portfolio submission and/or interview
Recommended studies: ACT: English T (Major) and Mathematical Methods T (Major)/Specialist Mathematics T (Major) NSW: English (Advanced), Mathematics

LAW
LAW (COMBINED)
The following combined Law courses are offered:
- Applied Economics/Laws
- Arts/Laws
- Australian Politics and Public Policy/Laws
- Building and Construction Management/Laws
- Business Informatics/Laws
- Commerce/Laws
- Communication in Advertising/Laws
- Communication in Journalism/Laws
- Communication in Media and Public Affairs/Laws
- Communication in Public Relations/Laws
- Forensic Studies/Laws
- Human Resource Management/Laws
- International Studies/Laws
- Management/Laws
- Politics and International Relations/Laws
- Science/Laws
- Science in Psychology/Laws
- Social Science/Laws
- Sports Media/Laws

Requirements: None for Law For the other areas of study: Refer to the relevant entry requirements
University Entry Requirements 2018 for Year 10 Students

MANAGEMENT
Major studies: Entrepreneurial management, government and politics, governance and policy, management, public sector management
Requirements: None

MARKETING MANAGEMENT
Major studies: Marketing management
Requirements: None

MEDIA AND PUBLIC AFFAIRS
Major studies: Communication studies, media and public affairs
Requirements: None

MEDIA ARTS AND PRODUCTION
Major studies: Advanced media arts
Requirements: None

MEDICAL SCIENCE
Major studies: Biological chemistry, human biology: from cells to organism
Recommended studies: ACT: Chemistry T (Major) and Mathematical Methods T (Major)/Specialist Mathematics T (Major) NSW: Chemistry, Mathematics

MIDWIFERY
Major studies: Midwifery practice theory, midwifery professional theory, midwifery theory
Recommended studies: ACT: English T (Major), Chemistry T (Major), Biology T (Major), Mathematical Methods T (Major)/Specialist Mathematics T (Major) NSW: English (Advanced), Chemistry, Biology, Mathematics
Additional selection criteria: Supplementary application form, CV

All students enrolled in B Midwifery are required to undergo a National Police Check prior to undertaking clinical experience. All students are also required to present an immunisation history.

NURSING
Major studies: Nursing inquiry, professional nursing practice
Recommended studies: ACT: English T (Major), Chemistry T (Major), Biology T (Major), Mathematical Methods T (Major)/Specialist Mathematics T (Major) NSW: English (Advanced), Chemistry, Biology, Mathematics

All students enrolled in B Nursing are required to undergo a National Police Check prior to undertaking clinical experience. All students are also required to present an immunisation history.

PHARMACEUTICAL SCIENCE
Major studies: Pharmaceutical science
Recommended studies: ACT: Chemistry T (Major), Mathematical Methods T (Major) NSW: Chemistry, Mathematics

A National Police Check and full vaccination history may be required for the professional practice unit.

PHARMACY
Major studies: Pharmacotherapeutics, pharmacy practice
Recommended studies: ACT: Mathematical Methods T (Major) plus Biology T (Major) or Human Movement T (Major) plus Chemistry T (Major) or Physics T (Major) NSW: Mathematics plus Biology or Personal Development, Health and Physical Education (PDHPE) plus Chemistry or Physics

All students are required to undergo a National Police Check prior to undertaking clinical experience. All students are also required to present an immunisation history.

PHYSIOTHERAPY
Major studies: Physiotherapy interventions, physiotherapy practice
Recommended studies: ACT: Mathematical Methods T (Major), Biology T (Major) or Human Movement T (Major) plus Chemistry T (Major) or Physics major
NSW: Mathematics plus Biology or Personal Development, Health and Physical Education (PDHPE) plus Physics or Chemistry

All students are required to undergo a National Police Check prior to undertaking clinical experience. All students are also required to present an immunisation history and first-aid certificates, including CPR.

POLITICS AND INTERNATIONAL RELATIONS
Major studies: Politics and international relations
Requirements: None

All students must satisfy a security check for the national security internships.

PSYCHOLOGY
Major studies: Psychological science
Requirements: None

PUBLIC ADMINISTRATION
Major studies: Public sector management
Requirements: None

PUBLIC HEALTH
Major studies: Biology; community development; community studies; counselling studies; human biology; chemical and molecular principles; human biology: from cells to organism; human nutrition; information systems; international studies; management; management, governance and policy; marketing; pre-physiotherapy; psychology: an introduction; public health; sports science; sustainability
Requirements: None

PUBLIC RELATIONS
Major studies: Communication studies, public relations
Requirements: None

SCIENCE
Major studies: Applied ecology, applied statistics, biology, chemistry, ecological conservation, environmental assessment, human biology: chemical and molecular principles, human biology: from cells to organism; human nutrition; information systems; integrated environmental management, psychological science, software engineering, sports science, water science
Recommended studies: ACT: English T (Major), Mathematical Methods T (Major)/Specialist Mathematics T (Major), Biology T, Chemistry T or Physics T major NSW: English (Advanced), Mathematics, Biology, Chemistry or Physics

SOCIAL SCIENCE
Major studies: Sociology and social policy, Indigenous studies
Requirements: None

SOFTWARE ENGINEERING
Major studies: Software engineering
Recommended studies: ACT: Mathematical Methods T (Major) NSW: Mathematics

SPORT AND EXERCISE SCIENCE
Major studies: Sport coaching, sports science
Recommended studies: ACT: Biology T (Major), Chemistry T (Major), Mathematical Methods T (Major)/Specialist Mathematics T (Major), Physics T (Major) NSW: Biology, Chemistry, Mathematics, Physics

A National Police Check may be required for practical placement units.
SPORTS MANAGEMENT
Major studies: Sport management
Recommended studies: ACT: Mathematical Methods T (Major)/Specialist Mathematics T (Major), English T (Major)
NSW: Mathematics, English (Advanced)
A National Police Check may be required for practical placement units.

SPORTS MEDIA
Major studies: Journalism, sports media
Recommended studies: ACT: History T (Major) NSW: Modern History

URBAN AND REGIONAL PLANNING
Major studies: Urban and regional planning
Requirements: None

WEB DESIGN AND PRODUCTION
Major studies: Web design and production
Requirements: None

WRITING
Major studies: Creative writing, literary studies
Requirements: None

COMBINED DEGREES
If you intend to undertake combined degrees check the prerequisites, assumed knowledge and recommended studies for both degrees. Contact the University for further details.
The University of Canberra currently offers combined degrees in:
- Advertising/Laws
- Applied Economics/Commerce
- Applied Economics/Laws
- Applied Economics/Management
- Arts/Advertising
- Arts/Commerce
- Arts/Information Technology
- Arts/Journalism
- Arts/Laws
- Arts/Management
- Arts/Media and Public Affairs
- Arts/Media Arts and Production
- Arts/Psychology
- Arts/Public Relations
- Australian Politics and Public Policy/Journalism
- Australian Politics and Public Policy/Laws
- Australian Politics and Public Policy/Media and Public Affairs
- Building and Construction Management/Laws
- Business Administration/Business Informatics
- Business Administration/Management
- Business Informatics/Laws
- Commerce/Advertising
- Commerce/Event and Tourism Management
- Commerce/Journalism
- Commerce/Laws
- Commerce/Media and Public Affairs
- Commerce/Public Relations
- Design/Landscape Architecture
- Education/Arts
- Education/Science
- Event and Tourism Management/Sports Management
- Forensic Studies/Laws
- Graphic Design/Advertising
- Human Resource Management/Laws
- Information Technology/Commerce
- Information Technology/Media Arts and Production
- International Studies/Advertising
- International Studies/Commerce
- International Studies/Event and Tourism Management
- International Studies/Journalism
- International Studies/Laws
- International Studies/Management
- International Studies/Media and Public Affairs
- International Studies/Media Arts and Production
- International Studies/Public Relations
- Journalism/Laws
- Justice Studies/Forensic Studies
- Landscape/Environmental Science
- Management/Laws
- Management/Psychology
- Marketing Management/Advertising
- Media and Public Affairs/Laws
- Public Relations/Event and Tourism Management
- Public Relations/Laws
- Politics and International Relations/Applied Economics
- Politics and International Relations/Business Administration
- Politics and International Relations/Commerce
- Politics and International Relations/Journalism
- Politics and International Relations/Laws
- Politics and International Relations/Media and Public Affairs
- Politics and International Relations/Psychology
- Psychology/Laws
- Psychology/Sport and Exercise Science
- Science/Journalism
- Science/Laws
- Social Science/Laws
- Software Engineering/Business Informatics
- Sport and Exercise Science/Human Nutrition
- Sport and Exercise Science/Information Technology
- Sport and Exercise Science/Sports Management
- Sports Media/Laws
### University of New England

**www.une.edu.au**  
**CRICOS provider number 00003G**

<table>
<thead>
<tr>
<th>Enquiries</th>
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</thead>
<tbody>
<tr>
<td>by post: Student Central University of New England Armidale NSW 2351</td>
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</table>

**READ THIS FIRST**

- Competence in the English language is a requirement for all University of New England courses.
- English (Standard) is not regarded as adequate preparation for the study of English Literature at the University of New England.
- When you read ‘any two units of science’ this can include Biology, Chemistry, Physics, Earth and Environmental Science or Senior Science.

Areas of study are generally offered as Bachelor degrees unless Dip, Adv Dip or Assoc Deg is shown in brackets.

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**AGRICULTURAL AND RESOURCE ECONOMICS**

- **Major studies:** Agribusiness, marketing, rural science  
- **Assumed knowledge:** Any two units of English  
- **Recommended studies:** Any two units of mathematics

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**Agriculture**

- **Assumed knowledge:** Mathematics  
- **Recommended studies:** Biology, Chemistry

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**AGROFOOD SYSTEMS**

- **Major studies:** Crop production, livestock production, poultry production, production horticulture  
- **Assumed knowledge:** Mathematics General 2  
- **Recommended studies:** Agricultural Science, Biology

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**ANIMAL SCIENCE**

- **Major studies:** Canine and equine science, livestock production, wildlife management  
- **Assumed knowledge:** Mathematics, Chemistry  
- **Recommended studies:** HSC Mathematics Extension 2, Biology

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**ARTS**

- **Major studies:** Ancient history, archaeology, Asian studies, Australian history, Chinese (Mandarin), classical languages, English, film and media studies, French, gender studies, German, history, human bioscience, human geography, Indigenous studies, Indonesian, international history, international studies, Islamic studies, Italian, Japanese, linguistics, music, peace studies, philosophy, physical geography, political studies, psychology, sociology, Spanish, studies in religion, theatre and performance, writing  
- **Assumed knowledge:** Any two units of English

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**BUSINESS**

- **Major studies:** Agribusiness, applied finance or financial management, business economics, decision support tools for business, human resource management, information systems, international business, management, marketing, professional accounting, sustainability  
- **Assumed knowledge:** Any two units of English  
- **Recommended studies:** Any two units of mathematics

---

**COMMERCIAL (ACCOUNTING)**

- **Major studies:** Applied finance, professional accounting  
- **Assumed knowledge:** Any two units of English  
- **Recommended studies:** Any two units of mathematics

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**COMPUTER SCIENCE**

- **Major studies:** Mathematics and statistics, software development, web and networks  
- **Assumed knowledge:** Mathematics

---

**CRIMINOLOGY**

- **Assumed knowledge:** Any two units of English

---

**ECONOMICS**

- **Assumed knowledge:** Any two units of English  
- **Recommended studies:** Any two units of mathematics

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**EDUCATION**

- **Early Childhood and Primary**  
- **K–12 Teaching**
  - **Primary**
  - **Secondary Arts**
  - **Secondary Business**
  - **Secondary Mathematics**  
- **Secondary Science**
  - **Assumed knowledge:** Any two units of English plus any two units of mathematics. For Secondary Business, Mathematics and Science: Any two units of English plus Mathematics

Requirements for teaching courses are currently under review. Check with the University of New England for specific requirements.

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**ENGINEERING TECHNOLOGY**

- **Civil**
- **Environmental**  
- **Assumed knowledge:** Mathematics, Physics  
- **Recommended studies:** Depending on majors chosen, HSC Mathematics Extension 2, Chemistry

---

**HISTORICAL INQUIRY AND PRACTICE**

- **Assumed knowledge:** Any two units of English  
- **Recommended studies:** Any two units of history

---

**INTERNATIONAL STUDIES**

- **Major studies:** Global politics and peace, languages, societies  
- **Assumed knowledge:** Any two units of English

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**LANGUAGES**

- **Major studies:** Chinese (Mandarin), French, German, Indonesian, Italian, Japanese, Spanish  
- **Assumed knowledge:** Any two units of English
LANGUAGES AND INTERNATIONAL BUSINESS
Assumed knowledge: Any two units of English
Recommended studies: Mathematics

LAW

LAW (DOUBLE DEGREES)
The following double law courses are offered:
- Agriculture/Law
- Arts/Law
- Business/Law
- Computer Science/Law
- Criminology/Law
- Economics/Law
- Environmental Science/Law
- Science/Law

Assumed knowledge: For Law: Any two units of English. For the other area of study: Refer to the relevant entry.

NURSING
Assumed knowledge: Any two units of English, any two units of science — refer to ‘Read this first’ information on the previous page

MEDIA AND COMMUNICATION STUDIES
Assumed knowledge: Any two units of English

MEDICINE
This program is offered jointly by the University of Newcastle and the University of New England.

Major studies: Medicine
Recommended studies: Any two units of English
Additional selection criteria: Direct University Joint Medical Program Application Form, Undergraduate Medicine and Health Sciences Admission Test (UMAT), Multiple Skills Assessment (Interview), Personal Qualities Assessment (PQA)

PHARMACY WITH HONOURS
Assumed knowledge: Mathematics or HSC Mathematics Extension 2, Chemistry
Recommended studies: Biology

PLANT SCIENCE
Assumed knowledge: Mathematics or HSC Mathematics Extension 2 (depending on major), Chemistry
Recommended studies: Biology

PSYCHOLOGICAL SCIENCE
Assumed knowledge: Any two units of English
Recommended studies: Any two units of mathematics

PSYCHOLOGY WITH HONOURS
Assumed knowledge: Any two units of English
Recommended studies: Any two units of mathematics

RURAL SCIENCE
Assumed knowledge: Mathematics, Chemistry
Recommended studies: HSC Mathematics Extension 2, Biology

SCIENCE
Biomedical
Assumed knowledge: Depending on degree subjects chosen, Mathematics
Recommended studies: Biology, Chemistry and/or Physics

Environmental
Major studies: Management
Assumed knowledge: Depending on degree subjects chosen, English, Mathematics, Chemistry
Recommended studies: HSC Mathematics Extension 2, Biology

GeoScience
Major studies: Fossil fuels, mineral deposits, remediation
Assumed knowledge: Depending on degree subjects chosen, Mathematics or HSC Mathematics Extension 2, Chemistry
Recommended studies: Depending on degree subjects chosen, Biology and/or Physics

Science
Major studies: Animal science and veterinary studies, applied physics, archaeology, biochemistry, biodiversity, biotechnology, botany, chemistry, forensic science, genetics, geology, geosciences, mathematics, microbiology, palaeobiology, physiology, psychology, scientific computing, zoology
Assumed knowledge: Mathematics
Recommended studies: Depending on degree subjects chosen, Biology, Chemistry and/or Physics

SOCIAL SCIENCE
Major studies: Aboriginal perspectives, business sustainability, criminology, development studies, health management, international and regional studies, international business, legal studies, linguistics, marketing communications, media and communication, peace and security, political studies, psychology, social philosophy, sociology, urban and regional studies
Assumed knowledge: Any two units of English
Recommended studies: Any two units of mathematics

SOCIAL WORK
Recommended studies: Any two units of English

SPORTS AND EXERCISE SCIENCE
Clinical Exercise Physiology
Assumed knowledge: Any two units of mathematics
Recommended studies: Chemistry and/or Biology

Exercise and Sports Science
Assumed knowledge: Mathematics General 2 or Mathematics, plus Health and Physical Education and/or any two units of science
Recommended studies: Chemistry and/or Biology

SUSTAINABILITY
Major studies: Community engagement and development, cultural heritage management, environmental governance, environmental resilience, governance and regulation
Assumed knowledge: Any two units of English
Recommended studies: Any two units of mathematics

THEATRE AND PERFORMANCE
Assumed knowledge: Any two units of English

URBAN AND REGIONAL PLANNING
Assumed knowledge: Any two units of English

ZOOLOGY
Assumed knowledge: Mathematics or HSC Mathematics Extension 2 (depending on major), Chemistry
Recommended studies: Biology

+ Foundation level units in chemistry and mathematics are available for students who do not have a background in these areas.

COMBINED AND DOUBLE DEGREES
If you intend to undertake combined or double degrees, check the prerequisites, assumed knowledge and recommended studies for both degrees. Contact the University for further details.
- Agriculture/Business
- Arts/Business
- Arts/Science
- Business/Economics

Double degrees in Law are also offered. Refer to main subject entry for details.
<table>
<thead>
<tr>
<th>University of Newcastle</th>
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<tbody>
<tr>
<td><a href="http://www.newcastle.edu.au">www.newcastle.edu.au</a></td>
</tr>
<tr>
<td>CRICOS provider number 00109J</td>
</tr>
</tbody>
</table>

**Enquiries**

**Newcastle campus (Callaghan)**

- **by post:** Student Services Centre  
  The University of Newcastle  
  University Drive  
  Callaghan NSW 2308
- **in person:** Any Student Hub  
  Student Services Centre or Shortland Building  
  University Drive  
  Callaghan NSW 2308
- **A Student Hub is also located at University House in the Newcastle City Precinct**
- **telephone:** (02) 4921 5000  
  **fax:** (02) 4985 4200  
  **email:** www.newcastle.edu.au/askuon

**Central Coast campus (Ourimbah)**

- **by post:** Student Hub  
  Central Coast Campus  
  PO Box 127  
  Ourimbah NSW 2258
- **in person:** Student Hub  
  Chittaway Road  
  Ourimbah NSW 2258
- **telephone:** (02) 4348 4000  
  **fax:** (02) 4348 4035  
  **email:** www.newcastle.edu.au/askuon

**Port Macquarie campus**

- **by post:** The University of Newcastle  
  PO Box 210  
  Cnr Oxley Highway and Widderson Street  
  Port Macquarie NSW 2444
- **in person:** Port Macquarie Student Hub  
  A Block, Administration  
  Widderson Street  
  Port Macquarie NSW 2444
- **telephone:** (02) 4921 5000  
  **fax:** (02) 6581 6263  
  **email:** www.newcastle.edu.au/askuon

**READ THIS FIRST**

- Competence in the English language is a requirement for all University of Newcastle courses. All courses at the University of Newcastle have assumed knowledge of any two units of English.
- The University of Newcastle recognises performance in relevant HSC subjects. For information about the University of Newcastle’s HSC Bonus Points Scheme, visit www.newcastle.edu.au.
- The University of Newcastle offers a number of refresher and preparation courses to assist students who may not have the recommended studies or assumed knowledge requirements. The preparation courses are offered before term commences and cover many areas, such as mathematics, chemistry, physics and other specific academic skills. Information about preparation courses is available on the University of Newcastle’s website at www.newcastle.edu.au/future-students/uonprep-bridging-courses/about-uonprep-bridging-courses.

Areas of study are generally offered as Bachelor degrees unless Dip, Adv Dip or Assoc Deg is shown in brackets.

<table>
<thead>
<tr>
<th>ABORIGINAL STUDIES</th>
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<tbody>
<tr>
<td><strong>Major studies:</strong> Aboriginal cultural studies, Aboriginal research methods and field practice, communication studies</td>
</tr>
<tr>
<td><strong>Requirements:</strong> None</td>
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</tbody>
</table>

<table>
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<tr>
<th>ARCHITECTURE</th>
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<tbody>
<tr>
<td><strong>Recommended studies:</strong> Any two units of English plus Industrial Technology and/or Mathematics and/or Physics and/or Visual Arts</td>
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</tbody>
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<tr>
<th>ARTS</th>
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<tbody>
<tr>
<td><strong>Major studies:</strong> Aboriginal studies; ancient history and classical languages; creative and performing arts; English and writing; film, media and cultural studies; French studies; German; history; human geography and the environment; Japanese studies; linguistics; modern languages; philosophy and religion; politics and international relations; psychology studies*; sociology and anthropology</td>
</tr>
</tbody>
</table>
| **Recommended studies:** For psychology studies: Mathematics  
  For all other majors: English (Advanced) |
| *Psychology studies major is not accredited by the Australian Psychology Accreditation Council (APAC). |

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<th>BIOTECHNOLOGY</th>
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<tbody>
<tr>
<td><strong>Major studies:</strong> Biotechnology, cell and molecular biology, microbiology and molecular genetics</td>
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<tr>
<td><strong>Assumed knowledge:</strong> Mathematics, Chemistry</td>
</tr>
<tr>
<td><strong>Recommended studies:</strong> Physics</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BUSINESS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Major studies:</strong> Human resource management, information systems in business, international business, logistics and supply chain management, management, marketing, tourism</td>
</tr>
<tr>
<td><strong>Assumed knowledge:</strong> Mathematics</td>
</tr>
<tr>
<td><em>The academic content of this program is under review.</em></td>
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</tbody>
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<thead>
<tr>
<th>COMMERCE</th>
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</thead>
<tbody>
<tr>
<td><strong>Major studies:</strong> Accounting, economics, finance</td>
</tr>
<tr>
<td><strong>Assumed knowledge:</strong> Mathematics</td>
</tr>
<tr>
<td><em>The academic content of this program is under review.</em></td>
</tr>
</tbody>
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<tr>
<th>COMMUNICATION</th>
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</thead>
<tbody>
<tr>
<td><strong>Major studies:</strong> Journalism, media production, media studies, public relations</td>
</tr>
<tr>
<td><strong>Requirements:</strong> None</td>
</tr>
</tbody>
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<tr>
<th>COMPUTER SCIENCE</th>
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</thead>
</table>
| **Assumed knowledge:** Mathematics (Band 5 or above)  
  **Recommended studies:** HSC Mathematics Extension 1 or higher plus any two units of science |
### University Entry Requirements 2018 for Year 10 Students

#### CONSTRUCTION MANAGEMENT
- **Major studies:** Building surveying, construction management, quantity surveying
- **Recommended studies:** Mathematics, any two units of English

#### DEVELOPMENT STUDIES
- **Major studies:** Cultures and citizenship, environmental sustainability, globalisation and economic development, urban and regional development
- **Requirements:** None

#### ENGINEERING
- **Chemical, civil, environmental, mechanical, mechatronics, mining (transfer program), software**
  - **Assumed knowledge:** Mathematics (Band 5 or above)
  - **Recommended studies:** HSC Mathematics Extension 1 or higher plus any two units of science
- **Computer, electrical, telecommunications**
  - **Assumed knowledge:** Mathematics (Band 5 or above)
  - **Recommended studies:** HSC Mathematics Extension 1 or higher plus any two units of science (Physics preferred)
  - The academic content of this program is under review.

#### ENVIRONMENTAL SCIENCE AND MANAGEMENT
- **Major studies:** Earth systems, ecosystems and biodiversity, marine science, sustainability
  - **Assumed knowledge:** Mathematics, Chemistry, Biology

#### EXERCISE AND SPORT SCIENCE
- **Assumed knowledge:** At least two of Biology, Chemistry, Mathematics or Physics
- **Recommended studies:** Visual Arts
- **Additional selection criteria:** Portfolio, interview

#### FOOD SCIENCE AND HUMAN NUTRITION
- **Recommended studies:** Biology or Chemistry and/or Mathematics
- Central Coast campus only.

#### INDUSTRIAL DESIGN
- **Major studies:** Industrial design
- **Additional selection criteria:** TAFE Advanced Diploma in Product Design and Development or Advanced Diploma of Product Design and Innovation or equivalent
  - The first three years of this program are completed at TAFE, followed by one year full-time at the University of Newcastle. Contact the University for further information.

#### INFORMATION TECHNOLOGY
- **Major studies:** Data analysis, digital media and entertainment, enterprise information technology, software development and application
- **Requirements:** None

#### LANGUAGES
- **Major studies:** Auslan, French, German, Greek, Japanese, Latin
  - **Requirements:** None

#### LAWS (COMBINED)
- The following combined Law courses are offered:
  - Aboriginal Professional Practice/Laws (Honours)
  - Arts/Laws (Honours)
  - Business/Laws (Honours)
  - Commerce/Laws (Honours)
  - Communication/Laws (Honours)
  - Science/Laws (Honours)
  - Social Science/Laws (Honours)
- **Assumed knowledge:** For Laws: None
  - For other area of study: Refer to the relevant entry
- **Recommended studies:** For Laws: None
  - For other area of study: Refer to the relevant entry

#### MATHEMATICS
- **Major studies:** Applied mathematics, pure mathematics, statistics, studies in mathematics and statistics
- **Assumed knowledge:** Mathematics
- **Recommended studies:** HSC Mathematics Extension 1

#### MEDICAL RADIATION SCIENCE
- **Major studies:** Diagnostic radiography, nuclear medicine, radiation therapy
- **Assumed knowledge:** Any two units of English plus Mathematics or Physics

#### MEDICINE
- **The medical program is offered jointly by the University of Newcastle and the University of New England.**
- **Major studies:** Medicine
- **Recommended studies:** Any two units of English
- **Additional selection criteria:** Direct University Joint Medical Program Application Form, Undergraduate Medicine and Health Sciences Admission Test (UMAT), Multiple Skills Assessment (Interview), Personal Qualities Assessment (PQA)

#### MIDWIFERY
- **Major studies:** Midwifery
- **Assumed knowledge:** English (Band 4 or higher), Mathematics General 2, Biology, Chemistry
- **Additional selection criteria:** Direct University B Midwifery Clinical Placement Preference Application Form, Personal Qualities Assessment (PQA). Current nationally accredited first-aid certificate, appropriate ICT skills.

#### MUSIC
- **Major studies:** Composition, creative production, musicology, performance (instrument, voice), second instrument, studio teaching (private)
- **Assumed knowledge:** AMEB (Grade 6 to 8 pass) or equivalent or demonstrated musical expertise or Music 1
- **Additional selection criteria:** Audition, interview, tests

#### NATURAL HISTORY ILLUSTRATION
- **Major studies:** Natural history illustration
- **Recommended studies:** Any of Biology, Design and Technology, Geography, Senior Science, Textiles and Design, Visual Arts

#### NURSING
- **Major studies:** Nursing
- **Assumed knowledge:** Any two units of English plus Mathematics General 2, Chemistry and/or Biology
- **Additional selection criteria:** Current nationally accredited first-aid certificate, appropriate ICT skills

#### NUTRITION AND DIETETICS
- **Major studies:** Nutrition, dietetics
- **Recommended studies:** Chemistry
University Entry Requirements 2018 for Year 10 Students

**OCCUPATIONAL THERAPY**
- Major studies: Occupational therapy
- Recommended studies: Biology, Mathematics

**ORAL HEALTH THERAPY**
- Major studies: Oral health therapy
- Recommended studies: Biology, Chemistry
  Central Coast campus only.

**PHARMACY**
- Major studies: Pharmacy
- Assumed knowledge: English (Advanced), Chemistry, Physics
- Recommended studies: HSC Mathematics Extension 1 or HSC Mathematics Extension 2 or Mathematics (Band 5 or higher)

**PHYSIOTHERAPY**
- Major studies: Physiotherapy
- Assumed knowledge: English (Advanced) plus Chemistry and either Biology or Physics

**PODIATRY**
- Major studies: Podiatry
- Assumed knowledge: Chemistry, Physics, any two units of mathematics
  Central Coast campus only.

**PSYCHOLOGY**
- Assumed knowledge: Mathematics
- Recommended studies: Biology

**SCIENCE**
- Major studies: Biological sciences, chemistry, earth sciences, geography
  marine science, mathematics, photonics, physics, psychology, statistics, sustainable resource management
- Assumed knowledge: Mathematics
- Recommended studies: Biology and/or Chemistry and/or Physics depending on the major
  Not all majors have courses available on both the Newcastle and Central Coast campuses. Contact the University for further information.

**SOCIAL SCIENCE**
- Major studies: Aboriginal studies, community welfare and human services, history, human geography and the environment, human resource management and industrial relations, leisure and tourism management, linguistics, politics and international relations, psychology studies *
- Assumed knowledge: Mathematics
- Recommended studies: For psychology: Mathematics For all other majors: English (Advanced), Other related subjects such as Geography, History, Family and Community, Society and Culture are recommended depending on the major.
  Not all majors have courses available on both the Newcastle and Central Coast campuses. Contact the University of Newcastle for further information.
  * Psychology major is not accredited by the Australian Psychology Accreditation Council (APAC).

**SOCIAL WORK**
- Major studies: Philosophy, psychology, social science, social work, honours
- Recommended studies: For psychology: Mathematics

**SPEECH PATHOLOGY**
- Major studies: Linguistics, psychology, speech pathology, honours
- Recommended studies: Biology and Chemistry, Mathematics, English (Advanced)

**SURVEYING**
- Assumed knowledge: Mathematics (Band 5 or above)
- Recommended studies: HSC Mathematics Extension 1 or higher, any two units of science
  The academic content of this program is under review.

**TEACHING**

**Arts (Primary Teaching Specialisation)**
- Major studies: Aboriginal and indigenous studies, creative arts, digital technology and teaching the digital generation, global education health and physical education, languages and cultural studies, mathematics, religious education, science, sustainable communities, special education, teaching English as an additional language, graded honours
- Assumed knowledge: Any two units of English. Entry requirements are currently under review; visit the University’s website for updates.

**Arts (Secondary Teaching Specialisations)**
- Major studies: Aboriginal studies, ancient history, business, drama, economics, English, French, geography, German, Japanese, legal studies, modern history, society and culture, special education, studies of religion, graded honours
- Assumed knowledge: Any two units of English. Entry requirements are currently under review; visit the University’s website for updates.
  At Port Macquarie campus only the Primary Teaching Specialisation strand is available.

**Early Childhood Studies**
- Major studies: Early childhood studies, primary teaching (K–6), graded honours
- Assumed knowledge: Any two units of English. Entry requirements are currently under review; visit the University of Newcastle website for updates.

**Fine Art**
- Major studies: 2D art, 3D art, art theory, drama, history, photomedia, secondary teaching, special education, studio practice, visual arts, graded honours
- Additional selection criteria: Portfolio, interview
- Assumed knowledge: Any two units of English. Entry requirements are currently under review; visit the University’s website for updates.

**Health and Physical Education**
- Major studies: Personal development, health and physical education (PDHPE) teaching, special education, sports science, graded honours
- Assumed knowledge: Any two units of English. Entry requirements are currently under review; visit the University’s website for updates.
- Recommended studies: Personal Development, Health and Physical Education (PDHPE) plus either Biology or Chemistry or Physics

**Mathematics**
- Major studies: Mathematics, special education, statistics, graded honours
- Assumed knowledge: Any two units of English. Entry requirements are currently under review; visit the University’s website for updates.
- Recommended studies: HSC Mathematics Extension 1

**Music**
- Major studies: Students seeking to teach music should complete a Bachelor of Music then a Master of Teaching

**Science**
- Major studies: Biology, chemistry, earth and environmental science, mathematics, physics, graded honours
- Assumed knowledge: Entry requirements are currently under review; visit the University’s website for updates.
- Recommended studies: Biology and/or Chemistry and/or Physics depending on major, Mathematics

**Technology**
- Major studies: Computing technology, design and technology, design software, engineering technology, food technology, industrial technology, information systems, textiles technology, graded honours
- Assumed knowledge: Entry requirements are currently under review; visit the University’s website for updates.
- Recommended studies: Mathematics, Chemistry plus Visual Arts or Textiles and Design or Design and Technology or Industrial Technology or Food Technology or Engineering Science
  Entry requirements are currently under review. Visit the University’s website for updates regarding these changes.
VISUAL COMMUNICATION

**Major studies:** Digital design, graphic and illustration design

**Recommended studies:** One or more of Visual Arts, Design and Technology, Textiles and Design, Industrial Technology

COMBINED PROGRAMS

If you intend to undertake combined programs, check the prerequisites, assumed knowledge and recommended studies for both programs.

Not all specialisations or majors within a program may be available within a combined program. Contact the University for further details.

- Arts/Science
- Business/Commerce
- Civil Engineering/Environmental Engineering
- Engineering/Business
- Engineering/Computer Science
- Engineering/Mathematics
- Engineering/Science
- Engineering/Surveying
- Information Technology/Business
- Mathematics/Computer Science
- Mathematics/Science
- Mechanical Engineering/Mechatronics Engineering
- Music/Arts

Combined programs in Laws are also offered – refer to main subject entry for details.

All programs are subject to routine review. This may result in slight variations in subject offerings.
The University of Sydney

http://sydney.edu.au
CRICOS provider number 00026A

Enquiries
by post: Admissions Level 4, Jane Foss Russell Building The University of Sydney NSW 2006
in person: Admissions, Level 4, Jane Foss Russell Building The University of Sydney NSW 2006
telephone: 1800 SYD UNI (1800 793 864) (Freecall)
e-mail: via http://sydney.edu.au/ask-domestic
website: http://sydney.edu.au/future_students

Areas of study are generally offered as Bachelor degrees unless Dip, Adv Dip or Assoc Deg is shown in brackets.

ANIMAL AND VETERINARY BIOSCIENCE

Major studies: Animal behaviour, animal genetics and biotechnology, animal health and diseases, animal nutrition, animal production systems, animal structure and function, wildlife conservation and management
Assumed knowledge: English (Advanced), Mathematics
Recommended studies: Biology

ARCHITECTURE

Architecture and Environments

Major studies: Architectural and environmental design, architectural history and theory, architectural sciences and technologies, digital architecture and communications, property and sustainability, urban design and planning
Assumed knowledge: English (Advanced), Mathematics

Design in Architecture

Major studies: Architectural communications, architectural design, architectural history and theory, architectural technologies, art workshops, environment and sustainability, professional practice
Assumed knowledge: English (Advanced), Mathematics

ARTS AND SOCIAL SCIENCES

Arts

Arts (Languages)

Major studies: Agricultural economics, American studies, ancient history, anthropology, Arabic language and culture, archaeology, art history, arts, Asian studies, Australian literature, biblical studies, biochemistry, bioinformatics, biology, Buddhist studies, Celtic studies, chemistry, Chinese studies, classical studies, computer science, cultural studies, digital cultures, economics, education, English, environmental studies, European studies, film studies, French studies, gender studies, geography, geology and geophysics, Germanic studies, government and international relations, Greek (ancient), Hebrew (classical and modern), history, history and philosophy of science, Indigenous studies, Indonesian studies, industrial relations and human resource management, information systems, international and comparative literary studies, international and global studies, Italian studies, Japanese studies, Jewish civilisation thought and culture, Korean studies, Latin, law, linguistics, management, mathematics, media and communications, microbiology, modern Greek studies, music, performance studies, philosophy, physics, plant science, political economy, psychology, resource economics, Sanskrit, social policy, socio-legal studies, sociology, Spanish and Latin American studies, studies in religion, statistics
Assumed knowledge: Depends on subjects chosen. See the relevant faculty handbook at http://sydney.edu.au/handbooks. In most cases, where a subject has a level of assumed knowledge there is an alternative course available with no knowledge assumed.

COMMERCIAL AND BUSINESS STUDIES

Major studies: Accounting, business analytics, business information systems, commercial law, econometrics, economics, finance, industrial relations and human resource management, international business, management, marketing

Computer Science (Advanced)/Doctor of Dental Medicine

Major studies: Anatomy and histology, biochemistry, bioinformatics, biology, chemistry, computer science, financial mathematics and statistics, geography, geology and geophysics, immunobiology, marine science, mathematics, medicinal chemistry, microbiology, nanoscience and technology, neuroscience, pharmacology, physics, physiology, plant science, statistics. All students undertake studies in biology. Doctor of Dental Medicine: Clinical dentistry, life sciences, research project
Assumed knowledge: Mathematics or HSC Mathematics Extension 1. All students must take some units of study in mathematics. See the relevant faculty handbook at http://sydney.edu.au/handbooks.

DENTISTRY

Oral Health

Major studies: Dental hygiene, dental therapy, oral health education and promotion
Assumed knowledge: Chemistry, Biology

Science (Advanced)/Doctor of Dental Medicine

Major studies: Anatomy and histology, biochemistry, bioinformatics, biology, chemistry, computer science, financial mathematics and statistics, geography, geology and geophysics, immunobiology, marine science, mathematics, medicinal chemistry, microbiology, nanoscience and technology, neuroscience, pharmacology, physics, physiology, plant science, statistics. All students undertake studies in biology. Doctor of Dental Medicine: Clinical dentistry, life sciences, research project
Assumed knowledge: Mathematics or HSC Mathematics Extension 1. All students must take some units of study in mathematics. See the relevant faculty handbook at http://sydney.edu.au/handbooks.

DESIGN COMPUTING

Major studies: Creative computer programming, design thinking, digital design, human computer interaction, interaction design, modelling, physical computing and app design, user-centred design. Other related units and majors may be taken from fields including arts and social sciences, business, engineering, information technology, science.

Recommended studies: Mathematics
DESIGN IN ARCHITECTURE
Major studies: Architectural design, architectural history and theory, architectural technologies, art workshops, communications, environment, environment and sustainability, management in architecture, urban design and planning
Assumed knowledge: Mathematics, English (Advanced)

DIAGNOSTIC RADIOGRAPHY
Major studies: Anatomy, biological sciences, clinical education, equipment and imaging techniques, image processing, pathology, physics, psychology, radiation biology
Recommended studies: Mathematics, one of Biology, Chemistry or Physics

ECONOMICS
Major studies: Economics, econometrics, financial economics. Second major from those offered by the Business School (see Commerce) or Arts and Social Sciences.
Assumed knowledge: Mathematics. Other assumed knowledge depends on subjects chosen. See the relevant faculty handbook at http://sydney.edu.au/handbooks.

EDUCATION
Early Childhood
Major studies: Child development and learning, education, learning studies (language, arts, mathematics, health and wellbeing science), professional studies
Assumed knowledge: Depends on subjects chosen. See the relevant faculty handbook at http://sydney.edu.au/handbooks.

Primary
Major studies: Education and primary education
Assumed knowledge: Any two units of English (not ESL) Band 5 and Band 5 in two other HSC subjects.

Secondary
Major studies: Human movement, humanities and social sciences, mathematics, science
Assumed knowledge: For human movement and humanities and social sciences: Any two units of English (not ESL) Band 5 and Band 5 in two other HSC subjects. For mathematics and science: Mathematics or HSC Mathematics Extension 1, any two units of English (not ESL) Band 5 and Band 5 in two other HSC subjects. Graduates intending to teach science at a secondary level must complete at least one year of study in chemistry or physics during their degree.

ENGINEERING
Aeronautical
Biomedical
Chemical and Biomolecular
Civil (Construction Management, Environmental, Geotechnical, Structures)
Electrical (Computer, Electronics, Power, Telecommunications)
Mechanical
Mechatronic
Software
Space (Aeronautical, Mechanical, Mechatronic)
Assumed knowledge: HSC Mathematics Extension 1 plus Chemistry and/or Physics

ENVIRONMENTAL SYSTEMS
Major studies: Agricultural systems: Agronomy, agro-forestry biosphere-atmosphere interactions, hydrology, international specialisation, plant pathology, plant science, soil science, spatial information systems
Natural terrestrial systems: Biogeochemistry, ecology, environmetrics, fluvial systems, geomorphology, international specialisation
Assumed knowledge: Chemistry, Mathematics

EXERCISE AND SPORT SCIENCE
Exercise Physiology
Exercise and Sport Science
Major studies: Anatomy, biochemistry, biomechanics, learning and control of human movement, nutrition, physiology/exercise physiology and the application of these fundamental sciences to sport, exercise, ageing, rehabilitation, public health and research
Assumed knowledge: Chemistry, Mathematics
Recommended studies: Physics, Biology, Personal Development, Health and Physical Education (PDHPE)

FOOD AND AGRIBUSINESS
Major studies: Agribusiness: Agricultural trade, business, human resource management, international specialisation, marketing, quality assurance, retail, supply chain management, transport logistics, value adding
Food science: Food biochemistry, food safety, global food security, international specialisation, microbiology, packaging, postharvest product development
Assumed knowledge: Mathematics, Chemistry
Recommended studies: Biology

HEALTH SCIENCES
Major studies: Health sciences and second major from anatomy and histology, hearing and speech, industrial relations and human resources, languages, management, marketing, movement science, psychology, sociology
Requirements: None

INFORMATION TECHNOLOGY
Major studies: Computer science, databases, information systems, mathematics, programming, systems analysis
Assumed knowledge: Mathematics or HSC Mathematics Extension 1 (depending on subjects chosen)

INTERNATIONAL AND GLOBAL STUDIES
Major studies: International and global studies and second major from anthropology, government and international relations, international business, political economy, sociology, or an area study (American studies, Arab world, Islam and the Middle East, Asian studies or European studies)
For subject areas see Arts and Social Sciences and Science.
Assumed knowledge: Depends on subjects chosen. See the relevant faculty handbook at http://sydney.edu.au/handbooks.

LAW (COMBINED)
The following combined Law courses are offered:
- Arts/Law
- Architecture, Design and Planning/Law
- Arts (Media and Communications)/Law
- Commerce/Law
- Economics/Law
- Engineering/Law
- Information Technology/Law
- International and Global Studies/Law
- Science/Law
Assumed knowledge: For Law: None For the other area of study: Refer to the relevant entry
Recommended studies: For Law: None
LIBERAL ARTS AND SCIENCE
Major studies: Major from Arts and Social Sciences or Science, a sequence of subjects in Science (if any Arts major is chosen) or in Arts (if a Science major is chosen) and a sequence in the Liberal Studies stream (analytical thinking, communication, culture, ethics, scientific enquiry, society and global citizenship, technological literacy)
For subject areas see Arts and Social Sciences and Science. Assumed knowledge: Depends on subjects chosen. See the relevant faculty handbook at http://sydney.edu.au/handbooks.

MEDICAL SCIENCE
Major studies: Anatomy, biochemistry, biology, cell pathology, genetics, histology, history and philosophy of science, immunology, infectious diseases, microbiology, molecular biology, pharmacology, physiology, psychology
Assumed knowledge: Mathematics, Chemistry plus Biology or Physics

MEDICINE (COMBINED)
Major studies: Medicine can be combined with Commerce, Economics, Medical Science, Music Studies and Advanced Science
Assumed knowledge: As for Commerce, Economics, Medical Science, Music Studies, Science (Advanced)

MEDICINE (GRADUATE ENTRY)
Major studies: Basic and clinical sciences, patient and doctor, personal and professional development, population medicine
Prerequisites: Bachelor degree in any discipline
Additional selection criteria: Graduate Australian Medical Schools Admissions Test (GAMSAT), interview

MUSIC
Major studies: Composition, contemporary music practice, jazz, music education, music studies, musicology, performance
Assumed knowledge: Music 2 For Contemporary Music practice: Music 1
Additional selection criteria: Audition and/or interview

NURSING (ADVANCED STUDIES)
Major studies: Child and adolescent health, chronic care, community healthcare, health and human biology, health policy, Indigenous health, mental health, palliative care, population health, professional practice
Requirements: None

NURSING (COMBINED)
Major studies: A nursing practice option (clinical, high acuity, mental health, paediatrics) combined with Arts and Social Sciences, Health Sciences, Science
Assumed knowledge: Depends on combined degree chosen
For Arts and Social Sciences: Depends on subject areas chosen
For Health Sciences: None For Science: Mathematics or HSC Mathematics Extension 1. All students must take some units of study in mathematics.

OCCUPATIONAL THERAPY
Major studies: Biological sciences; occupational therapy, theory and practice; social sciences
Recommended studies: Biology

PHARMACY
Major studies: Biology, chemistry, medicinal chemistry, pharmaceutical sciences, pharmaceutics, pharmacology, pharmacy and pharmacy practice
Assumed knowledge: Mathematics, Chemistry
Recommended studies: Biology or Physics

PHYSIOTHERAPY
Major studies: Biomechanics, exercise physiology, human anatomy and physiology, measurement of human performance, motor performance and learning, neuroscience, psychology, research design and statistics
Assumed knowledge: Physics, Chemistry
Recommended studies: Mathematics

POLITICAL, ECONOMIC AND SOCIAL SCIENCES
Major studies: Economics, government and international relations, political economy, and either sociology or anthropology. Second major from Arts and Social Sciences
Assumed knowledge: Depends on subjects chosen. See the relevant faculty handbook at http://sydney.edu.au/handbooks.

PROJECT MANAGEMENT
Major studies: Streams: Built environment, civil engineering science or software. Studies include complex project co-ordination, management data, organisational behaviour, project finance, psychology, quality management, risk management, statistics
Assumed knowledge: HSC Mathematics Extension 1

PSYCHOLOGY
Major studies: For Arts stream: Arts major For Science stream: Science major
Assumed knowledge: For Science stream: Mathematics. All students in the B Psychology science stream must take some units of study in mathematics. For both streams: Depends on subjects chosen. See the relevant faculty handbook at http://sydney.edu.au/handbooks.

SCIENCE
Major studies: Agricultural chemistry, anatomy and histology, biochemistry, bioinformatics, biology (animal, plant, genetics), cell pathology, chemistry, computer science, environmental studies, financial mathematics and statistics, geochronology, geography, geology and geophysics, history and philosophy of science, immunobiology, information systems, marine science, mathematics, medicinal chemistry, microbiology, nanoscience and technology, neuroscience, pharmacology, physics, physiology, plant science, psychology, soil science, statistics
Assumed knowledge: Mathematics or HSC Mathematics Extension 1. All students must take some units of study in mathematics. Other assumed knowledge depends on subjects chosen. See the relevant faculty handbook at http://sydney.edu.au/handbooks.

Advanced Mathematics
Advanced Science
Science/Master of Nutrition and Dietetics
Assumed knowledge: Mathematics or HSC Mathematics Extension 1. All students must take some units of study in mathematics. Other assumed knowledge depends on subjects chosen
Depends on subjects chosen. See the relevant faculty handbook at http://sydney.edu.au/handbooks.

For Advanced Mathematics: HSC Mathematics Extension 2 For Nutrition and Dietetics: Mathematics, Chemistry, Biology

SCIENCE IN AGRICULTURE
Major studies: Agricultural chemistry, agricultural economics, agricultural genetics, agronomy, entomology, environmetrics, farming systems, food science, horticulture, international specialisation, livestock production, plant pathology, soil science
Assumed knowledge: Mathematics, Chemistry

SOCIAL WORK
Major studies: Indigenous studies, psychology, social policy, social work, sociology
Assumed knowledge: Required or assumed knowledge depends on first-year subjects chosen. See the relevant faculty handbook at http://sydney.edu.au/handbooks.
SPEECH PATHOLOGY

Major studies: Audiology, biomedical sciences, linguistics and language development, neurobiology, phonetics, psychology, research methods, sociology, specialist areas (aphasia, dysarthria, dyslexia, stuttering)
Recommended studies: English (Advanced)

VETERINARY BIOLOGY/VETERINARY MEDICINE

Major studies: Animal diseases and pathology, animal husbandry, cell biology, chemistry, clinical and professional practice, pharmacology, veterinary anatomy and physiology, veterinary conservation biology, veterinary medicine, veterinary surgery
Assumed knowledge: Chemistry, Mathematics, Physics
Recommended studies: Biology
Additional selection criteria: Statement of Commitment to Veterinary Science

VISUAL ARTS

Major studies: Critical studies, jewellery and object, painting, photomedia, print media, screen arts, sculpture (including ceramics and glass)
Recommended studies: Visual Arts, Design and Technology
Additional selection criteria: Portfolio

COMBINED AND DOUBLE DEGREES

For combined degrees, see the prerequisites, assumed knowledge and recommended studies for both degrees.

- Applied Sc (Exercise and Sport Sc)/Master of Nutrition and Dietetics
- Arts/Economics
- Arts/Laws
- Arts/Master of Nursing
- Arts/Social Work
- Commerce/Arts
- Commerce/Laws
- Commerce/Doctor of Medicine
- Commerce/Science
- Design in Architecture/Laws
- Economics/Laws
- Economics/Medicine
- Education (Secondary Education: Mathematics)/Science
- Education (Secondary Education: Science)/Science
- Engineering/Arts
- Engineering/Commerce
- Engineering (Civil)/Design Architecture
- Engineering/Laws
- Engineering/Medical Science
- Engineering/Music Studies
- Engineering/Project Management
- Engineering/Science
- Health Sciences/Master of Nursing
- Information Technology/Arts
- Information Technology/Commerce
- Information Technology/Laws
- Information Technology/Medical Science
- Information Technology/Science
- International and Global Studies/Laws
- Medical Science/Doctor of Medicine
- Music Studies/Doctor of Medicine
- Project Management/Arts
- Science/Arts
- Science/Law
- Science (Advanced)/Doctor of Medicine
- Science/Master of Nursing
- Science/Master of Nutrition and Dietetics
- Veterinary Biology/Doctor of Veterinary Medicine
**University of Technology, Sydney**

www.uts.edu.au  
CRICOS provider number 00099F

**Enquiries**

by post: Undergraduate Admissions Office  
Student Administration Unit Level 5  
University of Technology, Sydney  
PO Box 123  
Broadway NSW 2007

telephone: 1300 ASK UTS (1300 275 887)

<table>
<thead>
<tr>
<th>Broadway campus</th>
<th>Kuring-gai campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>UTS Student Centre</td>
<td>UTS Student Centre Kuring-gai</td>
</tr>
<tr>
<td>Level 2 (Ground)</td>
<td>Level 5 Main Building</td>
</tr>
<tr>
<td>Building 10</td>
<td>UTS Kuring-gai campus</td>
</tr>
<tr>
<td>235 Jones Street</td>
<td>Eton Road</td>
</tr>
<tr>
<td>Ultimo NSW 2007</td>
<td>Lindfield NSW 2070</td>
</tr>
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**READ THIS FIRST**

- There are no course prerequisites for entry into degree courses at UTS.
- When you read ‘any two units of science’ or ‘at least two units of science’, this can include Biology, Chemistry, Physics, Earth and Environmental Science, Senior Science.

Areas of study are generally offered as Bachelor degrees unless Dip, Adv Dip or Assoc Deg is shown in brackets.

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### ADVANCED SCIENCE

**Major studies:** Advanced materials, environmental biotechnology, infection and immunity, pre-medicine  
**Assumed knowledge:** HSC Mathematics, any two units of science, any two units of English  
**Recommended studies:** For advanced materials major: HSC Mathematics Extension 1, HSC Physics For environmental biotechnology, infection and immunity, pre-medicine majors: HSC Mathematics Extension 1, Biology

### APPLIED SCIENCE

**Property Economics**

**Major studies:** Property investment, property management, real estate practice, valuation and development  
**Assumed knowledge:** Mathematics, any two units of English

### ARCHITECTURE

**Major studies:** Architectural design, technology, theory and professional practice  
**Assumed knowledge:** Mathematics, any two units of English  
**Recommended studies:** Design and Technology, Physics, Visual Arts

**Landscape Architecture**

**Major studies:** Botany, horticulture, landform analysis, landscape design, professional practice, surveying, theory and history  
**Assumed knowledge:** Mathematics, any two units of English  
**Recommended studies:** Design and Technology, Physics, Visual Arts

### ARTS

**Communication – Creative Writing**

**Major studies:** Creative writing, genre, narrative and theory  
**Assumed knowledge:** Any two units of English

**Communication – Digital and Social Media**

**Major studies:** Digital communities and futures, social and digital media  
**Assumed knowledge:** Any two units of English

**Communication – Journalism**

**Major studies:** Communication and information studies, journalism  
**Assumed knowledge:** Any two units of English

**Communication – Media Arts and Production**

**Major studies:** Cultural studies, film, new media, sound, video  
**Assumed knowledge:** Any two units of English  
**Communication – Public Communication**

**Major studies:** Advertising, communication and information studies, public relations  
**Assumed knowledge:** Any two units of English

**Communication – Social Inquiry**

**Major studies:** Social inquiry; social, political and historical studies  
**Assumed knowledge:** Any two units of English

**Global Studies**

**Major studies:** Business studies, communication, legal studies, management studies  
**Assumed knowledge:** Any two units of English

**Sound and Music Design**

**Major studies:** Composition, cultural context of music design, informative sound, interaction design, multimodal expression, sonic interfaces  
**Assumed knowledge:** Any two units of English

### BIOMEDICAL PHYSICS

**Major studies:** Biomedical physics, cell biology, human anatomy and physiology, medical imaging, nanodevices, quantum physics  
**Assumed knowledge:** Mathematics, at least two units of science, any two units of English  
**Recommended studies:** HSC Mathematics Extension 1, Physics

### BIOMEDICAL SCIENCE

**Major studies:** Bacteriology, biochemistry, cell biology, immunology, microbiology, molecular biology, parasitology, pathology  
**Assumed knowledge:** Mathematics, any two units of English, at least two units of science  
**Recommended studies:** HSC Mathematics Extension 1, Chemistry

### BIOENGINEERING

**Major studies:** Medical electronics, engineering, mathematics, control systems, signal processing, computational biology  
**Assumed knowledge:** Mathematics, at least two units of science  
**Recommended studies:** HSC Mathematics Extension 1, Physics

### BIOTECHNOLOGY

**Major studies:** Biological sciences, microbiology, molecular biology, science and technology studies  
**Assumed knowledge:** Mathematics, any two units of English, at least two units of science  
**Recommended studies:** HSC Mathematics Extension 1, Chemistry
BUILDING

Construction Project Management
Major studies: Contract administration, legal studies, material science, project management, quantity surveying, structures, surveying, sustainable development
Assumed knowledge: Mathematics, any two units of English

BUSINESS

Major studies: Accounting, business law*, economics, finance, financial services, human resource management, information technology*, international business, management, marketing, marketing communication
Assumed knowledge: Any two units of English

*Second major only

Accounting
Assumed knowledge: Mathematics, any two units of English

Events, Sport Business, Tourism
Major studies: Event management, sports management, tourism management
Assumed knowledge: Any two units of English

Mathematics and Finance
Major studies: Accounting, economics, finance, mathematics, statistics
Assumed knowledge: Mathematics, any two units of English
Recommended studies: HSC Mathematics Extension 1

Property Economics
Major studies: Property investment, property management, real estate practice, valuation and development
Assumed knowledge: Mathematics, any two units of English

DESIGN

Animation
Major studies: Animation design, 2D and 3D animation, character design, computer graphic imagery, drawing for animation, narrative, special effects animation, visual effects animation
Assumed knowledge: Any two units of English
Recommended studies: Design and Technology, Visual Arts

Architecture
Major studies: Architectural design, technology, theory and professional practice
Assumed knowledge: Mathematics, any two units of English
Recommended studies: Design and Technology, Physics, Visual Arts

Fashion and Textile Design
Major studies: Design thinking, fashion illustration, globalised design practice, menswear, pattern making and construction, textiles technologies, theory and research, womenswear
Assumed knowledge: Any two units of English
Recommended studies: Visual Arts or Design and Technology

Integrated Product Design
Major studies: Design communication, design technologies, globalised design practice, industrial design, product engineering, smart design, smart object design, theory and research
Assumed knowledge: Any two units of English
Recommended studies: Visual Arts or Design and Technology

Interior and Spatial Design
Major studies: Commercial, design thinking, digital technology, event design, performative space, residential, spatial design
Assumed knowledge: Any two units of English
Recommended studies: Visual Arts or Design and Technology or Textiles and Design or Business Studies

Landscape Architecture
Major studies: Botany, horticulture, landform analysis, land management, landscape design, professional practice, surveying, theory and history
Assumed knowledge: Mathematics, any two units of English
Recommended studies: Design and Technology, Physics, Visual Arts

Photography and Situated Media
Major studies: Culture and context, history and theory, innovation, technologies, photography, photomedia, situated and interactive media, situated media and installation
Assumed knowledge: Any two units of English
Recommended studies: Design and Technology or Visual Arts

Visual Communication
Major studies: Animation, design theory, graphic design, information design, new media, text and image, typography, video design, web design
Assumed knowledge: Any two units of English
Recommended studies: Visual Arts or Design and Technology or English (Advanced)

EDUCATION

Primary Education
Major studies: Educational studies, key learning areas, professional experience
Assumed knowledge: Any two units of English (Band 5), any two units of mathematics (Band 4)
Requirements for teaching courses are currently under review. Check with the University for specific requirements.

ENGINEERING (HONOURS)

Major studies: Biomedical, civil, civil and environmental, computer systems*, construction, electrical, ICT engineering*, innovation*, mechanical, mechanical and mechatronic, network security*, software*, structures, telecommunications*
Assumed knowledge: HSC Mathematics Extension 1 or Physics plus English (Standard)
Recommended studies: English (Advanced)
Additional selection criteria: Questionnaire
* These majors are currently under review and may change or discontinue from 2016.

ENVIRONMENTAL BIOLOGY

Major studies: Biological science, botany, ecological studies, resource and environmental science, technology studies, wildlife management
Assumed knowledge: Mathematics, any two units of English, any two units of science

FORENSIC BIOLOGY

Major studies: Biochemistry, biomedical science, cell biology, immunology, microbiology, molecular biology, pathology
Assumed knowledge: Mathematics, any two units of English, at least two units of science
Recommended studies: HSC Mathematics Extension 1, Chemistry

FORENSIC SCIENCE

Major studies: Analytical chemistry, applied chemistry, toxicology
Assumed knowledge: Mathematics, any two units of English, at least two units of science
Recommended studies: HSC Mathematics Extension 1 or Physics or Chemistry

GLOBAL STUDIES

Major studies: Business studies, communication, legal studies, management studies
Assumed knowledge: Any two units of English

HEALTH SCIENCE

Traditional Chinese Medicine
Major studies: Acupuncture, anatomy and physiology, Chinese herbal medicine, pharmacology
Assumed knowledge: Any two units of English, any two units of science
Recommended studies: Biology
INFORMATION TECHNOLOGY

Major studies: Business information systems management, computer graphics and animation, data analytics, enterprise systems development, games development, internetworking and applications, network security

Assumed knowledge: Mathematics, any two units of English

Recommended studies: HSC Mathematics Extension 1, English (Advanced)

LAW

LAW (COMBINED)

The following combined Law courses are offered:

- Business/Law
- Communication (Creative Writing)/Law
- Communication (Digital and Social Media)/Law
- Communication (Journalism)/Law
- Communication (Media Arts and Production)/Law
- Communication (Public Communication)
- Communication (Social Inquiry)/Law
- Creative Intelligence and Innovation/Law
- Engineering Science/Law
- Information Technology/Law
- International Studies/Law
- Medical Science/Law
- Science/Law

Assumed knowledge: For Law: Any two units of English For the other area of study: Refer to the relevant entry

MARINE BIOLOGY

Major studies: Coastal studies, ecology, fisheries, marine community, marine plants, tropical and temperate marine biology

Assumed knowledge: Mathematics, any two units of English, any two units of science

MATHEMATICS AND COMPUTING

Major studies: Computing, information technology, mathematics, operations research, statistics

Assumed knowledge: Mathematics, any two units of English

Recommended studies: HSC Mathematics Extension 1

MATHEMATICS AND FINANCE

Major studies: Computing, economics, finance, mathematics, statistics

Assumed knowledge: Mathematics, any two units of English

Recommended studies: HSC Mathematics Extension 1

MEDICINAL CHEMISTRY

Major studies: Analytical chemistry, inorganic chemistry, medicinal chemistry, organic chemistry, pharmacology

Assumed knowledge: Mathematics, any two units of science, any two units of English

Recommended studies: HSC Mathematics Extension 1

MEDICAL SCIENCE

Major studies: Anatomy, behavioural science, biochemistry, molecular biology, pathology, pharmacology, physiology

Assumed knowledge: Mathematics, any two units of English, any two science subjects

MIDWIFERY

Assumed knowledge: English (Standard)

Recommended studies: Any two units of science, any two units of mathematics

NURSING

Assumed knowledge: English (Standard)

Recommended studies: Any two units of science, any two units of mathematics

SCIENCE

Assumed knowledge: For all Science courses: Mathematics, any two units of English, any two units of science unless otherwise specified. Refer to the box at the beginning of the UTS entry.

Applied Chemistry

Major studies: Analytical chemistry, inorganic chemistry, organic chemistry

Recommended studies: HSC Mathematics Extension 1, Physics, Chemistry

Applied Physics

Major studies: Energy science and technology, nanomaterials, optics and nanophotonics, quantum physics

Recommended studies: HSC Mathematics Extension 1, Physics, Chemistry

Biomedical Science

Major studies: Biochemistry, cellular biology, immunology, microbiology, molecular biology, pathology

Recommended studies: HSC Mathematics Extension 1, Chemistry

Biotechnology

Major studies: Biological sciences, microbiology, molecular biology, science and technology studies

Recommended studies: HSC Mathematics Extension 1, Chemistry

Environmental Sciences

Major studies: Animal behaviour, biodiversity, biological science, coastal studies, ecology, fisheries, marine plants

Assumed knowledge: Mathematics, any two units of English, any two units of science

Flexible

Major studies: Analytical chemistry, applied microbiology, biology, cell and molecular biology, computational science or physics earth science, eco-hydrology, ecology, environmental horticulture, environmental science, freshwater ecology, health science, industrial chemistry, laboratory pathology, materials technology, nanoscience, operations research, pharmacology, physics, physiology, plant biotechnology, pollution ecology and statistics

Assumed knowledge: Mathematics Extension 1, Chemistry

Mathematics

Major studies: Computing, mathematics, operations research, statistics

Assumed knowledge: Mathematics, any two units of English

Recommended studies: HSC Mathematics Extension 1

Medical Science

Major studies: Anatomy, behavioural science, biochemistry, pathology, pharmacology, physiology

Recommended studies: HSC Mathematics Extension 1, Chemistry

Nanotechnology

Major studies: Devices, machines, nanomaterials, nanoscale sensors, nanotubes, optics

Recommended studies: HSC Mathematics Extension 1, Physics, Chemistry

Statistics

Major studies: Computing, operations research, statistics

Assumed knowledge: Mathematics, any two units of English

Recommended studies: HSC Mathematics Extension 1, any two units of science

SPORT AND EXERCISE MANAGEMENT

Major studies: Accounting, anatomy, biomechanics, exercise management, exercise physiology, law, sport management, sports marketing, sports psychology, sports science, strategic management

Assumed knowledge: Mathematics, any two units of English

SPORT AND EXERCISE SCIENCE

Major studies: Anatomy; biomechanics; exercise physiology; exercise prescription; exercise rehabilitation; health; human movement; motor learning; Personal Development, Health and Physical Education (PDHPE); sports psychology; sports science; strength and conditioning

Assumed knowledge: Mathematics, any two units of English
COMBINED DEGREES
If you intend to undertake combined degrees check the prerequisites, assumed knowledge and recommended studies for both degrees. Contact the University for further details.
- Biotechnology/Business
- Business/Information Technology
- Engineering/Business
- Medical Science/Business
- Medical Science/Engineering
- Science/Business
- Science/Engineering

Combined degrees in Law are also offered – refer to main subject entry for details.

INTERNATIONAL STUDIES (COMBINED)
- Animation
- Biotechnology
- Business
- Communication (Creative Writing)
- Communication (Digital and Social Media)
- Communication (Journalism)
- Communication (Media Arts and Production)
- Communication (Public Communication)
- Communication (Social Inquiry)
- Construction Project Management
- Education
- Engineering
- Events and Leisure Management
- Fashion and Textiles Design
- Information Technology
- Integrated Product Design
- Interior and Spatial Design
- Law
- Mathematics and Computing
- Mathematics and Finance
- Medical Science
- Nursing
- Photography and Situated Media
- Property Economics
- Science
- Sound and Music Design
- Sport and Exercise Management
- Sport and Exercise Science
- Tourism Management
- Traditional Chinese Medicine
- Visual Communication

CREATIVE INTELLIGENCE AND INNOVATION (COMBINED)
- Architecture
- Business
- Communication (Creative Writing)
- Communication (Journalism)
- Communication (Media Arts and Production)
- Communication (Public Communication)
- Communication (Social Inquiry)
- Engineering
- Fashion and Textiles Design
- Information Technology
- Integrated Product Design
- Interior and Spatial Design
- Law
- Midwifery
- Science
- Sport and Exercise Science
- Visual Communication
University Entry Requirements 2018 for Year 10 Students

UAC’s participating institutions – requirements

University of Western Sydney

www.uws.edu.au
CRICOS provider numbers UWS 00917K, UWSCollege 02851G

Enquiries
by post: Course Information Centre
University of Western Sydney
Locked Bag 1797
Penrith NSW 2751

telephone: 1300 897 669
email: study@uws.edu.au

In person

Bankstown campus
Student Central
Building 1, Bullecourt Avenue
Milperra NSW 2214

Nirimba (Blacktown) campus
Student Central
Building U8, Eastern Road
Quakers Hill NSW 2763

Hawkesbury campus
Student Central
Building K4, Bourke Street
Richmond NSW 2753

Lithgow Outreach campus
UWSCollege Student Centre
Charles Hoskin Memorial Institute
Cnr Bridge and Mort streets
Lithgow NSW 2790

Parramatta City campus
169 Macquarie Street
Parramatta NSW 2150

Penrith campus
Student Central
Building K, Second Avenue
Kingswood NSW 2747

Campbelltown campus
Student Central
Building 5, Narellan Road
Campbelltown NSW 2560

Parramatta campus
Student Central
Building EJa, Cnr James Ruse Drive and
Victoria Road
Parramatta NSW 2150

Westmead Precinct
UWSCollege Westmead
Student Centre
Building J, Hawkesbury Road
Westmead NSW 2145

READ THIS FIRST
When you read ‘any two units of science’ this can include Biology, Chemistry, Physics, Earth and Environmental Science, Senior Science.

Mathematics requirements for science courses: Students who (a) have not undertaken HSC-level mathematics, or (b) have attempted Mathematics General 2 or Mathematics but achieved no higher than Band 2 or 3 (or equivalent) will be required to take a study pattern that includes preparatory studies in mathematics in readiness for the higher level mathematics required in this program.

Areas of study are generally offered as Bachelor degrees unless Dip, Adv Dip or Assoc Deg is shown in brackets.

ACCOUNTING
Assumed knowledge: Mathematics, and any two units of English

ARCHITECTURE
Assumed knowledge: Mathematics, and any two units of English

ARTS
Major studies: Arabic, Chinese, cultural and social analysis, English, history and political thought, Indigenous Australian studies, Indonesian, international relations and Asian studies, Islamic studies, Japanese, linguistics, philosophy, psychological studies, Spanish
Assumed knowledge: Any two units of English (Band 4)
Recommended studies: English (Standard)

Dean’s Scholars
Assumed knowledge: Any two units of English (Band 4)
Recommended studies: English (Standard)
Additional selection criteria: Minimum ATAR of 90 or above

Interpreting and Translation
Assumed knowledge: Any two units of English, Applicants should be a native or near native speaker of Arabic, Chinese, Japanese or Spanish
Additional selection criteria: Minimum ATAR of 90 or above

Pathway to Teaching (Birth–5/Birth–12)
Assumed knowledge: Any two units of English (Band 5), any two units of mathematics (Band 4)
Recommended studies: English (Standard)

Diploma Pathways
Recommended studies: English (Standard)

Pathway to Teaching (Primary)
Assumed knowledge: Any two units of English (Band 4), any two units of mathematics (Band 4)
Recommended studies: English (Standard) or equivalent

Pathway to Teaching (Secondary)
Assumed knowledge: Any two units of English (Band 5)
Recommended studies: English (Standard) or equivalent
Requirements for teaching courses are currently under review. Check with the University of Western Sydney for specific requirements.

ARTS (DIP)
Assumed knowledge: Any two units of English

BUILDING DESIGN MANAGEMENT
Recommended studies: Mathematics, Physics, any two units of English.

BUSINESS ADMINISTRATION
Assumed knowledge: Mathematics, any two units of English

BUSINESS AND COMMERCE

BUSINESS AND COMMERCE (ADVANCED BUSINESS LEADERSHIP)
Accounting
Applied Finance
Economics
Hospitality Management
Human Resource Management
International Business
Management
Marketing
Property
Sports Management
Assumed knowledge: Mathematics, any two units of English
<table>
<thead>
<tr>
<th>BUSINESS AND COMMERCE (DIP)</th>
<th>ENGINEERING (ADVANCED) (HONOURS)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Assumed knowledge:</strong> Any two units of English, any two units of mathematics</td>
<td><strong>Major studies:</strong> Biomedical, civil, construction, electrical, mechanical, robotics and mechatronics</td>
</tr>
<tr>
<td><strong>Recommended studies:</strong> Legal Studies, Business Studies, Economics</td>
<td><strong>Assumed knowledge:</strong> HSC Mathematics Extension 1, Physics, any two units of English</td>
</tr>
<tr>
<td><strong>COMMUNICATION</strong></td>
<td><strong>Recommended studies:</strong> HSC Mathematics Extension 2</td>
</tr>
<tr>
<td><strong>Major studies:</strong> Advertising, journalism, media arts production, public relations</td>
<td><strong>ENGINEERING (DIP)</strong></td>
</tr>
<tr>
<td><strong>Requirements:</strong> None</td>
<td><strong>Assumed knowledge:</strong> Any two units of English, any two units of mathematics</td>
</tr>
<tr>
<td><strong>Dean’s Scholars</strong></td>
<td><strong>Recommended studies:</strong> Physics</td>
</tr>
<tr>
<td><strong>Assumed knowledge:</strong> Any two units of English</td>
<td><strong>ENGINEERING SCIENCE</strong></td>
</tr>
<tr>
<td><strong>COMMUNITY WELFARE</strong></td>
<td><strong>Assumed knowledge:</strong> Mathematics (Band 4 or higher), any two units of science, any two units of English</td>
</tr>
<tr>
<td><strong>Requirements:</strong> None</td>
<td><strong>Recommended studies:</strong> Physics, HSC Mathematics Extension 1 or HSC Mathematics Extension 2</td>
</tr>
<tr>
<td><strong>COMPUTER SCIENCE</strong></td>
<td><strong>FORENSIC SCIENCE</strong></td>
</tr>
<tr>
<td><strong>Major studies:</strong> Networked systems, systems programming, systems security</td>
<td><strong>Assumed knowledge:</strong> At least two of Biology, Chemistry, Mathematics</td>
</tr>
<tr>
<td><strong>Assumed knowledge:</strong> Mathematics</td>
<td><strong>HEALTH SCIENCE</strong></td>
</tr>
<tr>
<td><strong>Recommended studies:</strong> HSC Mathematics Extension 1</td>
<td><strong>Major studies:</strong> Health promotion, health services management, therapeutic recreation</td>
</tr>
<tr>
<td><strong>COMPUTER SCIENCE (ADVANCED)</strong></td>
<td><strong>Assumed knowledge:</strong> Any two units of English</td>
</tr>
<tr>
<td><strong>Major studies:</strong> Networked systems, systems programming, systems security</td>
<td><strong>Recommended studies:</strong> Personal Development, Health and Physical Education (PDHPE)</td>
</tr>
<tr>
<td><strong>Assumed knowledge:</strong> Mathematics, any two units of English</td>
<td><strong>Assumed knowledge:</strong> Any two units of English</td>
</tr>
<tr>
<td><strong>Recommended studies:</strong> HSC Mathematics Extension 1</td>
<td><strong>Recommended studies:</strong> Personal Development, Health and Physical Education (PDHPE) or Community and Family Studies</td>
</tr>
<tr>
<td><strong>CONSTRUCTION MANAGEMENT</strong></td>
<td><strong>Health and Physical Education</strong></td>
</tr>
<tr>
<td><strong>Recommended studies:</strong> Mathematics, Physics, any two units of English</td>
<td><strong>Assumed knowledge:</strong> Any two units of English</td>
</tr>
<tr>
<td><strong>CONSTRUCTION MANAGEMENT (DIP)</strong></td>
<td><strong>Recommended studies:</strong> Personal Development, Health and Physical Education (PDHPE) or Community and Family Studies plus English (standard) or equivalent</td>
</tr>
<tr>
<td><strong>Assumed knowledge:</strong> Any two units of mathematics, any two units of English</td>
<td><strong>Sport and Exercise Science</strong></td>
</tr>
<tr>
<td><strong>Recommended studies:</strong> Physics</td>
<td><strong>Assumed knowledge:</strong> Any two units of English</td>
</tr>
<tr>
<td><strong>CONSTRUCTION TECHNOLOGY</strong></td>
<td><strong>Recommended studies:</strong> Any two units of science and/or mathematics. Personal Development, Health and Physical Education (PDHPE) can be counted as a science unit for this course</td>
</tr>
<tr>
<td><strong>Assumed knowledge:</strong> Mathematics, Physics, any two units of English</td>
<td><strong>HEALTH SCIENCE (DIP)</strong></td>
</tr>
<tr>
<td><strong>CRIMINAL AND COMMUNITY JUSTICE</strong></td>
<td><strong>Major studies:</strong> Health promotion, health services management, therapeutic recreation, physical development, health and physical education</td>
</tr>
<tr>
<td><strong>CRIMINAL AND COMMUNITY JUSTICE (DIP)</strong></td>
<td><strong>Assumed knowledge:</strong> Any two units of English</td>
</tr>
<tr>
<td><strong>Assumed knowledge:</strong> English (Standard)</td>
<td><strong>Recommended studies:</strong> Any two units of English</td>
</tr>
<tr>
<td><strong>CRIMINOLOGY</strong></td>
<td><strong>INDUSTRIAL DESIGN</strong></td>
</tr>
<tr>
<td><strong>Assumed knowledge:</strong> English (Standard)</td>
<td><strong>Assumed knowledge:</strong> Design and Technology, any two units of English and at least two units of Business Studies, Mathematics, Physics, Visual Arts</td>
</tr>
<tr>
<td><strong>DESIGN</strong></td>
<td><strong>INFORMATION AND COMMUNICATIONS TECHNOLOGY (ADVANCED)</strong></td>
</tr>
<tr>
<td><strong>Visual Communication</strong></td>
<td><strong>Major studies:</strong> Entertainment computing, health informatics, mathematics, mobile computing, networking</td>
</tr>
<tr>
<td><strong>Requirements:</strong> None</td>
<td><strong>Assumed knowledge:</strong> Mathematics, any two units of English</td>
</tr>
<tr>
<td><strong>Dean’s Scholars</strong></td>
<td><strong>INFORMATION AND COMMUNICATIONS TECHNOLOGY (DIP)</strong></td>
</tr>
<tr>
<td><strong>Assumed knowledge:</strong> One or more of Design and Technology, Visual Arts, Information Processes and Technology</td>
<td><strong>Electronic Technology</strong></td>
</tr>
<tr>
<td><strong>DESIGN AND TECHNOLOGY</strong></td>
<td><strong>Assumed knowledge:</strong> Any two units of English and at least two of Design and Technology, Visual Arts, Physics</td>
</tr>
<tr>
<td><strong>Assumed knowledge:</strong> Any two units of English and at least two of Design and Technology, Visual Arts, Physics</td>
<td><strong>Majors:</strong> Telecommunications, health informatics, information technology, mobile computing, networking</td>
</tr>
<tr>
<td><strong>ENGINEERING</strong></td>
<td><strong>Assumed knowledge:</strong> Mathematics, any two units of English</td>
</tr>
<tr>
<td><strong>Major studies:</strong> Biomedical, civil, construction, electrical, mechanical, robotics and mechatronics</td>
<td><strong>Recommended studies:</strong> Physics and HSC Mathematics Extension 1 or HSC Mathematics Extension 2</td>
</tr>
</tbody>
</table>
INFORMATION SYSTEMS
INFORMATION SYSTEMS (ADVANCED)
- Major studies: Entertainment computing, health informatics, mathematics, mobile computing, networking
- Assumed knowledge: Mathematics, any two units of English

INTERNATIONAL STUDIES
- Assumed knowledge: Any two units of English (Band 4)
- Recommended studies: English (Standard)
- Dean’s Scholars
  - Recommended studies: Any two units of English

ISLAMIC STUDIES (DIP)
- Assumed knowledge: Any two units of English

LAWS
- Assumed knowledge: English (Advanced)

LAWS (COMBINED)
The following combined Law courses are offered:
- Arts/Laws
- Business and Commerce/Laws
- Business and Commerce (Advanced Business Leadership)/Laws
- Communication/Laws
- Construction Management Studies/Laws
- Criminal and Community Justice/Laws
- Criminology/Laws
- Information and Communications Technology/Laws
- International Studies/Laws
- Laws/Applied Leadership and Critical Thinking
- Science/Laws
- Social Science/Laws
- Assumed knowledge: For Laws: English (Advanced) For the other area of study: Refer to the relevant entry

MEDICAL SCIENCE
- Assumed knowledge: At least two of Biology, Chemistry, Mathematics, Physics

MEDICAL SCIENCE (ADVANCED)
- Assumed knowledge: At least two of Biology, Chemistry, Mathematics, Physics
- Recommended studies: Mathematics (Band 4 or above), Chemistry

MEDICINE/SURGERY
- Additional selection criteria: Undergraduate Medicine and Health Sciences Admission Test (UMAT), interview

MIDWIFERY
- Assumed knowledge: Any two units of English, any two units of Mathematics, any two units of science
- Additional selection criteria: Interview

MUSIC
- Additional selection criteria: Audition, interview; or AMEB (or equivalent) 6th grade performance and 4th grade theory; or TAFE Diploma or Advanced Diploma
- Dean’s Scholars
  - Additional selection criteria: Minimum ATAR of 90.00 or above

NATURAL SCIENCE
Animal Science
- Assumed knowledge: Any two units of English, any two units of mathematics
- Recommended studies: At least one of Agriculture, Biology, Chemistry, Earth and Environmental Science, Geography

Environment and Health
- Assumed knowledge: Mathematics, any two units of science
- Environmental Management
  - Assumed knowledge: Any two units of English, any two units of science
  - Recommended studies: Biology or Chemistry

NATURAL SCIENCE (ADVANCED)
- Assumed knowledge: At least two of Biology, Chemistry, Mathematics, Physics
- Recommended studies: At least one of Agriculture, Biology, Chemistry, Earth and Environmental Science, Geography

NURSING
NURSING (ADVANCED)
- Assumed knowledge: Any two units of English, any two units of mathematics, any two units of science

OCCUPATIONAL THERAPY
- Assumed knowledge: Any two units of English
- Recommended studies: Physics, Chemistry plus Biology and/or Personal Development, Health and Physical Education (PDHPE)

PARAMEDICINE
- Assumed knowledge: Any two units of English
- Recommended studies: Mathematics plus Physics and/or Biology

PHYSIOTHERAPY
- Assumed knowledge: Any two units of English
- Recommended studies: Physics, Chemistry plus Biology and/or Personal Development Health and Physical Education (PDHPE)

PLANNING
Pathway to Master of Urban Management and Planning
- Recommended studies: Any two units of English

PODIATRIC MEDICINE
- Assumed knowledge: Any two units of English
- Recommended studies: Mathematics, Physics, Biology

POLICING
- Requirements: None
- Policing (Leadership Program)
  - Recommended studies: Any two units of English

PSYCHOLOGY
- Assumed knowledge: English (Standard)
- Recommended studies: Mathematics, Science
SCIENCE

Assumed knowledge: At least two of Biology, Chemistry, Mathematics, Physics

Biological Sciences

Assumed knowledge: At least two of Biology, Chemistry, Mathematics, Physics (see note at beginning of entry)

Chemistry

Assumed knowledge: At least two of Biology, Chemistry, Mathematics, Physics (see note at beginning of entry)

Criminology and Psychological Studies

Assumed knowledge: English (standard)

Environment Science

Assumed knowledge: Any two units of English, any two units of science

Recommended studies: Biology, Chemistry, Geography

Mathematical Science

Assumed knowledge: Mathematics

Recommended studies: HSC Mathematics Extension 1

Nutrition and Food Science

Assumed knowledge: At least two of Biology, Chemistry, Mathematics

Science/Pathway to Master of Teaching (Secondary)

Assumed knowledge: At least two of Biology, Chemistry, Mathematics, Physics

Recommended studies: Refer to www.uws.edu.au/courses

Zoology

Assumed knowledge: Any two units of English, any two units of science

SCIENCE (ADVANCED)

Assumed knowledge: At least two of Biology, Chemistry, Mathematics, Physics

SCIENCE (DIP)

Assumed knowledge: Any two units of mathematics, any two units of science

Recommended studies: Biology, Chemistry, Physics

SOCIAL SCIENCE

Assumed knowledge: English (Standard)

SOCIAL SCIENCE (DIP)

Assumed knowledge: Any two units of English

SOCIAL SCIENCE (POLICING) (DIP)

Requirements: None

SOCIAL WORK

Assumed knowledge: Any two units of English

SUSTAINABLE AGRICULTURE AND FOOD SECURITY

Assumed knowledge: Any two units of English, any two units of mathematics

Recommended studies: Biology, chemistry, agriculture, geography

TOURISM MANAGEMENT

Assumed knowledge: Any two units of English

Recommended studies: Geography and/or Business studies

TRADITIONAL CHINESE MEDICINE

Assumed knowledge: Any two units of English

Recommended studies: Biology

COMBINED/DUPLICATE DEGREES

For combined/double degrees check the prerequisites, assumed knowledge and recommended studies for both degrees. Contact the University for further details.

- Arts/Business and Commerce
- Communication/Business and Commerce
- Communication/International Studies
- Engineering/Business and Commerce
- Information and Communications Technology/Arts
- Information and Communications Technology/Business and Commerce
- Information and Communications Technology/Business and Commerce (Accounting)
- International Studies/Business and Commerce
- Medical Science/Information and Communications Technology
- Medicine/Surgery/Arts
- Science/Arts
- Science/Business and Commerce
- Science/International Studies
- Social Work/Criminal and Community Justice
- Zoology/Animal Science

Combined/double degrees in Laws are also offered. Refer to main subject entry for details.

APPLIED LEADERSHIP AND CRITICAL THINKING

This degree can be taken in conjunction with most Bachelor degrees listed in the area of study in this booklet. It is not a stand-alone program.

Assumed knowledge: Any two units of English.
**University of Wollongong**

www.uow.edu.au  
CRICOS provider number 00102E

### Enquiries

| in person: | UniAdvice  
| University of Wollongong  
| Wollongong NSW 2522   | in person: | UniAdvice Office  
| Administration Building  
| Northfields Avenue  
| Gwynneville NSW 2500   | telephone: | 1300 367 869   | fax: | (02) 4221 3233   | email: | futurestudents@uow.edu.au   | facebook: | facebook.com/uowfuture |

**READ THIS FIRST**

- Mathematics General 2 and Senior Science may not adequately prepare students for further studies in the areas of mathematics and science at University of Wollongong. However, these courses can be included in the calculation of the ATAR.
- Any two units of science includes Biology, Chemistry, Earth and Environmental Science, Geography or Physics. It does not include Senior Science.
- Any four units of science includes two courses from Biology, Chemistry, Earth and Environmental Science, Geography or Physics. It does not include Senior Science.

### ACCOUNTING AND FINANCIAL SERVICES

**Assumed knowledge:** Any two units of English  
**Recommended studies:** Any two units of mathematics

### ARTS (HUMANITIES)

#### ARTS – DEAN’S SCHOLAR

**Major studies:** Chinese (Mandarin); community, culture and environment (Shoalhaven, Batemans Bay, Bega and Southern Highlands campuses only. Completion of full major subject to availability at time of enrolment); creative writing; cultural studies; English literatures; French; history; Indigenous studies; Italian; Japanese; philosophy; photography; politics; science and technology studies; sociology; Spanish; writing and English literature  
**Assumed knowledge:** Any two units of English  
**Recommended studies:** English (Advanced)

### BANKING AND FINANCIAL SERVICES

**Assumed knowledge:** Any two units of English  
**Recommended studies:** Any two units of mathematics

### BUSINESS

**Assumed knowledge:** Any two units of English

### BUSINESS INFORMATION SYSTEMS

#### BUSINESS INFORMATION SYSTEMS – DEAN’S SCHOLAR

**Assumed knowledge:** Any two units of English  
**Recommended studies:** Mathematics or Mathematics General 2

### COMMERCE

#### COMMERCE – DEAN’S SCHOLAR

**Major studies:** Accountancy, business law, economics, finance, financial planning, human resource management, international business, management, marketing, public relations, supply chain management  
**Assumed knowledge:** Any two units of English

### COMMERCE – EVENT MANAGEMENT

**Recommended studies:** Any two units of English

### COMMERCE – HOSPITALITY MANAGEMENT

**Recommended studies:** Any two units of English

### COMMERCE – TOURISM MANAGEMENT

**Recommended studies:** Any two units of English

These degrees may not be available at all campuses and must be studied in conjunction with the relevant TAFE Advanced Diploma.

### COMMUNICATION AND MEDIA STUDIES

#### COMMUNICATION AND MEDIA STUDIES – DEAN’S SCHOLAR

**Major studies:** Digital media and communication, global media and communication, journalism and professional writing, marketing communication and advertising  
**Assumed knowledge:** Any two units of English  
**Recommended studies:** English (Advanced)

### COMPUTER SCIENCE

#### COMPUTER SCIENCE – DEAN’S SCHOLAR

**Major studies:** Computer science, digital systems security, enterprise systems development, mobile computing, multimedia and game development, software engineering  
**Assumed knowledge:** Mathematics, any two units of English

### CONSERVATION BIOLOGY

**Major studies:** Conservation biology, conservation genetics  
**Assumed knowledge:** Mathematics, any two units of science  
**Recommended studies:** Biology, Chemistry

### CREATIVE ARTS

#### CREATIVE ARTS – DEAN’S SCHOLAR

**Major studies:** Creative writing, graphic design, music, photography, theatre, visual arts, visual arts and design  
**Assumed knowledge:** Any two units of English  
**Recommended studies:** English (Advanced)  
**For visual arts:** Visual Arts and/or Design and Technology and/or Textiles and Design  
**For graphic design:** Design and Technology and/or Textiles and Design and/or Visual Arts  
**For music:** Music 2 or HSC Music Extension  
**For theatre:** Drama

### DIGITAL MEDIA

**Assumed knowledge:** Any two units of English  
**Recommended studies:** English (Advanced), Design and Technology and/or Visual Arts

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Areas of study are generally offered as Bachelor degrees unless Dip, Adv Dip or Assoc Deg is shown in brackets.
ECONOMICS AND FINANCE

Major studies: Economics, finance
Assumed knowledge: Mathematics, any two units of English

ENGINEERING

Major studies: Civil, computer, electrical, environmental, materials, mechanical, mechatronics, mining or telecommunications engineering
Assumed knowledge: Mathematics (not Mathematics General 2), any two units of English
Recommended studies: HSC Mathematics Extension 1, Engineering Studies, Physics, Chemistry (not required for computer, electrical, mechatronic or telecommunications engineering)

ENGINEERING – SCHOLAR

Major studies: Civil, computer, electrical, environmental, materials, mechanical, mechatronics, mining or telecommunications engineering
Assumed knowledge: HSC Mathematics Extension 1, any two units of English
Recommended studies: Engineering Studies, Physics, Chemistry (not required for computer, electrical, mechatronics or telecommunications engineering)

ENVIRONMENTAL SCIENCE

Major studies: Earth sciences, environmental chemistry, land resources, life sciences
Assumed knowledge: Mathematics plus Biology or Chemistry or Earth and Environmental Science or Geography
Recommended studies: Four units of science (including Biology or Chemistry)

EXERCISE SCIENCE

Major studies: Anatomy, biomechanics, exercise physiology, exercise prescription
Assumed knowledge: Mathematics, any two units of science
Recommended studies: Chemistry

EXERCISE SCIENCE AND REHABILITATION

Major studies: Anatomy, biomechanics, exercise physiology, exercise prescription, exercise and development
Assumed knowledge: Mathematics, any two units of science
Recommended studies: Chemistry

INDIGENOUS HEALTH

Major studies: Indigenous health issues, Indigenous history, society and culture, population health
Recommended studies: Aboriginal Studies

INFORMATION TECHNOLOGY

INFORMATION TECHNOLOGY – DEAN’S SCHOLAR

Major studies: ebusiness, network design and management, social policy, web design and development
Assumed knowledge: Any two units of English
Recommended studies: Mathematics

INTERNATIONAL SCIENCE

Major studies: Biological sciences, chemistry, geology, geosciences, health, medicinal chemistry, nanotechnology, nutrition, physical geography, sport and movement science
Assumed knowledge: Mathematics, any two units of science
Recommended studies: Four units of science

International Science - Honours
Additional selection criteria: Combination of ATAR, faculty application and interview.

INTERNATIONAL STUDIES

INTERNATIONAL STUDIES – DEAN’S SCHOLAR

Major studies: Global media and communication, global sustainable development, international relations. Also includes a language minor.
Assumed knowledge: Any two units of English
Recommended studies: English (Advanced)

JOURNALISM

Assumed knowledge: Any two units of English
Recommended studies: English (Advanced)

LANGUAGE STUDIES

Major studies: Chinese (Mandarin), French, Italian, Japanese, Spanish
Assumed knowledge: Any two units of English
Recommended studies: English (Advanced)

LAW (SINGLE DEGREE)

Assumed knowledge: Any two units of English
Recommended studies: English (Advanced)

LAW (DOUBLE DEGREES)

The following double degree courses are offered:
- Arts/Law
- Arts (psychology)/Law
- Commerce/Law
- Communication And Media Studies/Law
- Computer Science/Law
- Creative Arts/Law
- Economics And Finance/Law
- Engineering (Honours)/Law
- Information Technology/Law
- International Studies/Law
- Journalism/Law
- Mathematics/Law
- Science/Law
- Psychological Science/Law

Assumed knowledge: For Law: Any two units of English
Recommended studies: For Law: English (Advanced). For the other area of study: Refer to the relevant entry

MARINE SCIENCE

Major studies: Marine biology, marine geosciences
Assumed knowledge: Mathematics, any two units of science
Recommended studies: Four units of science (including Biology or Chemistry)

MATHEMATICS

Major studies: Industrial and applied mathematics, mathematical analysis, pure mathematics, statistics
Assumed knowledge: Mathematics plus any two units of English
Recommended studies: HSC Mathematics Extension 1

Mathematics Education (see Teaching)
Assumed knowledge: Mathematics plus any two units of English (Band 5) and Band 5 in two other HSC subjects
Recommended studies: HSC Mathematics Extension 1

Mathematics and Finance

Major studies: Financial services, mathematical economics, quantitative corporate finance and investment, risk management
Assumed knowledge: Mathematics, any two units of English
Recommended studies: HSC Mathematics Extension 1

Medical Mathematics

Assumed knowledge: Mathematics, any two units of English, any two units of Science
Recommended studies: HSC Mathematics Extension 1, Chemistry
MATHEMATICS – ADVANCED AND DEAN’S SCHOLAR
Major studies: Industrial and applied mathematics, mathematical analysis, pure mathematics, statistics
Assumed knowledge: HSC Mathematics Extension 2

Mathematics and Finance – Dean’s Scholar
Major studies: Financial services, mathematical economics, quantitative corporate finance and investment, risk management
Assumed knowledge: Mathematics, any two units of English
Recommended studies: HSC Mathematics Extension 1

Medical Mathematics – Dean’s Scholar
Assumed knowledge: Mathematics
Recommended studies: HSC Mathematics Extension 1, Chemistry

MEDICAL AND HEALTH SCIENCE (INCLUDING ADVANCED)
Major studies: Anatomy, chemistry, neuroscience, physiology
Assumed knowledge: Mathematics, any two units of science
Recommended studies: Chemistry

MEDICAL AND RADIATION PHYSICS
MEDICAL AND RADIATION PHYSICS – ADVANCED HONOURS
Major studies: Medical imaging, nuclear medicine, radiation protection, radiobiology
Assumed knowledge: Mathematics, Physics, any two units of English
Recommended studies: English (Advanced), HSC Mathematics Extension 1, Chemistry

MEDICAL BIOTECHNOLOGY
Major studies: Biochemistry, bioinformatics, biotechnology, cellular and molecular biology, genetics, immunology
Assumed knowledge: Mathematics, two units of science
Recommended studies: Biology, Chemistry

MEDICINAL CHEMISTRY
Assumed knowledge: Mathematics, Chemistry
Recommended studies: Four units of science

NANOTECHNOLOGY
Major studies: Chemistry, materials science
Assumed knowledge: Chemistry, Physics, Mathematics
Recommended studies: HSC Mathematics Extension 1

NURSING
Assumed knowledge: Any two units of English
Advanced
Major studies: Health leadership and management, international studies, mental health
Assumed knowledge: Any two units of English

NUTRITION
Major studies: Biochemistry, nutrition, physiology
Assumed knowledge: Mathematics, any two units of science
Recommended studies: Biology, Chemistry

NUTRITION AND DIETETICS
Major studies: Biochemistry, dietetics, nutrition, physiology
Assumed knowledge: Mathematics, any two units of science
Recommended studies: Biology, Chemistry

PERFORMANCE
Assumed knowledge: Any two units of English
Recommended studies: English (Advanced), Drama
Additional selection criteria: Audition and/or interview in combination with ATAR

POLITICS, PHILOSOPHY, ECONOMICS
POLITICS, PHILOSOPHY, ECONOMICS – DEAN’S SCHOLAR
Assumed knowledge: Any two units of English
Recommended studies: English (Advanced)

PRE-MEDICINE, SCIENCE AND HEALTH
Major studies: Anatomy, chemistry, human anatomy, human physiology
Assumed knowledge: Mathematics, any two units of science
Recommended studies: Biology, Chemistry

PSYCHOLOGY
Assumed knowledge: Any two units of English
Recommended studies: Mathematics

PUBLIC HEALTH (INCLUDING DEAN’S SCHOLAR)
Major studies: Public health
Assumed knowledge: Any two units of English
Additional selection criteria: For Dean’s Scholar: Combination of ATAR and faculty application

PUBLIC HEALTH NUTRITION
Major studies: Human nutrition, public health
Assumed knowledge: Any two units of English, any four units of science/mathematics
Recommended studies: Chemistry

SCIENCE
Major studies: Biological sciences, chemistry, conservation biology, environment, geology, geosciences, human geography, land and heritage management, materials, medical biotechnology, medicinal chemistry, nanotechnology, nuclear science technology, physical geography, physics
Assumed knowledge: Mathematics, any two units of science
For materials, nuclear science technology, physics: Mathematics (not Mathematics General 2), any two units of English
Recommended studies: Four units of science For materials, nuclear science technology, physics: HSC Mathematics Extension 1, Chemistry, Physics

Advanced
Major studies: Biological sciences, chemistry, conservation biology, environment, geology, geosciences, human geography, land and heritage management, marine science, medical chemistry, nanotechnology, physical geography, physics
Assumed knowledge: Mathematics, any two units of science For physics: Mathematics (not Mathematics General 2), any two units of English
Recommended studies: Four units of science For physics: HSC Mathematics Extension 1, Chemistry, Physics

Science Education (see Teaching)
Assumed knowledge: Mathematics plus Band 5 in three HSC subjects, one of which must be English
Recommended studies: Two units of mathematics, any four units of science

SOCIAL SCIENCE (INCLUDING DEAN’S SCHOLAR)
Major studies: Community culture and environment (Shoalhaven, Batemans Bay and Bega campuses only), criminology, health promotion, human geography, Indigenous studies, psychology, public health, social marketing, social policy, sociology
Assumed knowledge: Any two units of English
Additional selection criteria: For Dean’s Scholar: Combination of ATAR and faculty application

SOCIAL WORK
Major studies: Social work
Assumed knowledge: Any two units of English
TEACHING

Education Studies
- Major studies: Education studies, vocational education, pathways to Master of Teaching
- Recommended studies: Any two units of English, any two units of mathematics

Early Years (including Dean’s Scholar)
- Assumed knowledge: Any two units of English
- Recommended studies: Any two units of mathematics
- Additional selection criteria: For Dean’s Scholar: Combination of ATAR and faculty application

Mathematics Education (including Dean’s Scholar)
- Assumed knowledge: Mathematics plus any two units of English
- Recommended studies: HSC Mathematics Extension 1
- Additional selection criteria: For Dean’s Scholar: Combination of ATAR and faculty application

Health and Physical Education (Including Dean’s Scholar)
- Assumed knowledge: Any two units of English (Band 5) and Band 5 in two other HSC subjects
- Recommended studies: Any two units of science or Personal Development, Health and Physical Education (PDHPE)
- Additional selection criteria: For Dean’s Scholar: Combination of ATAR and faculty application

Primary (including Dean’s Scholar)
- Assumed knowledge: Any two units of English (Band 5) and Band 5 in two other HSC subjects
- Recommended studies: Any two units of mathematics
- Additional selection criteria: For Dean’s Scholar: Combination of ATAR and faculty application

Science Education (including Dean’s Scholar)
- Assumed knowledge: Mathematics plus any two units of English (Band 5) and Band 5 in two other HSC subjects
- Recommended studies: Two units of mathematics, any four units of science
- Additional selection criteria: For Dean’s Scholar: Combination of ATAR and faculty application

DOUBLE DEGREES
If you intend to undertake double degrees check the prerequisites, assumed knowledge and recommended studies for both degrees. Contact the University for further details.

- Arts/Commerce
- Arts/Economics and Finance
- Arts/International Studies
- Arts/International Studies (Dean’s Scholar)
- Communication and Media Studies/Arts
- Communication and Media Studies/Arts (Dean’s Scholar)
- Communication and Media Studies/Commerce
- Communication and Media Studies/Economics and Finance
- Communication and Media Studies/International Studies
- Communication and Media Studies/International Studies (Dean’s Scholar)
- Communication and Media Studies/Science
- Computer Science/Science
- Creative Arts/Arts
- Creative Arts/Commerce
- Creative Arts/Communication and Media Studies
- Creative Arts/Computer Science
- Creative Arts/International Studies
- Creative Arts/Journalism
- Creative Arts/Science
- Engineering/Arts
- Engineering/Commerce
- Engineering/Computer Science
- Engineering/Mathematics
- Engineering/Science
- International Studies/Commerce
- International Studies/Economics and Finance
- Journalism/Arts
- Journalism/Commerce
- Journalism/Communication and Media Studies
- Journalism/Engineering (Honours)
- Journalism/International Studies
- Journalism/Science
- Mathematics/Computer Science
- Psychology/Commerce
- Science/Arts
- Science/Commerce
- Science/Mathematics

Double degrees in Law are also offered. Refer to main entry for details.
University Entry Requirements 2018 for Year 10 Students

READ THIS FIRST

- UNSW’s HSC Plus recognises performance in relevant HSC subjects. For further information, visit www.unsw.edu.au/hscplus.
- For HSC courses listed as assumed knowledge, students are expected to have a level of performance at Band 4 or higher.
- Mathematics General 2 and Senior Science are not regarded as adequate preparation for university studies in business, engineering and science. However, these courses can be included in the calculation of the ATAR.
- Students who do not have the level of assumed knowledge specified may find themselves ill-prepared for first-year subjects and therefore be placed at a considerable disadvantage. Chemistry and physics bridging courses are offered at the Kensington campus before the start of semester 1 each year for students who have not included one or both in their HSC program. A mathematics bridging course is also offered for those students wishing to upgrade their HSC mathematics knowledge to the level of HSC Mathematics Extension 1.

Areas of study are generally offered as Bachelor degrees unless Dip, Adv Dip or Assoc Deg is shown in brackets.

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**UNSW Australia**

www.unsw.edu.au
CRICOS provider number 00098G

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**Enquiries**

**Kensington and Paddington campuses**

by post: Future Students Office
UNSW Australia
UNSW Sydney NSW 2052

in person: Welcome Centre
Future Students Office
Ground Floor
John Goodsell Building
Kensington NSW 2052

**UNSW Canberra at ADFA**

by post: Student Administrative Services
UNSW Canberra
Australian Defence Force Academy
PO Box 7916
Canberra BC ACT 2610

in person: Student Administrative Services
Ground Level, Auditorium
Australian Defence Force Academy
Northcott Drive
Campbell ACT 2612

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**ACTUARIAL STUDIES**

**Major studies:** Actuarial Studies
Optional second major in accounting, business economics, business law, business strategy and economic management, finance, financial economics, human resource management, information systems, international business, management, marketing, real estate studies, taxation, mathematics, statistics

**Assumed knowledge:** HSC Mathematics Extension 2
**Recommended studies:** English (Advanced)

**ARCHITECTURAL STUDIES**

**Recommended studies:** Design and Technology, English (Advanced), Visual Arts, Modern History, Ancient History

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**ART THEORY**

**Recommended studies:** One or more of English (Advanced), Modern History, Visual Arts

**Additional selection criteria:** Portfolio

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**ARTS AND BUSINESS**

**Major studies:** Asian studies; Australian studies; business; Chinese studies; creative writing; criminology; dance studies; development studies; English; environmental humanities; European studies; film studies; French studies; geography; German studies; history; human resource management; Indigenous studies; international business; international relations; Japanese studies; Korean studies; linguistics; media, culture and technology; music; philosophy; politics; sociology and anthropology; Spanish and Latin American studies; theatre and performance studies

**Assumed knowledge:** Mathematics
**Recommended studies:** English (Advanced). For other recommended studies visit theseslinks.unsw.edu.au/hscplus.

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**ARTS AND SOCIAL SCIENCES**

**Major studies:** Asian studies; Australian studies; Chinese studies; creative writing; criminology; dance studies; development studies; economics; English; environmental humanities; European studies; film studies; French studies; geography; German studies; history; human resource management; Indigenous studies; international business; international relations; Japanese studies; Korean studies; linguistics; media, culture and technology; music; philosophy; politics; sociology and anthropology; Spanish and Latin American studies; theatre and performance studies

**Assumed knowledge:** Mathematics
**Recommended studies:** English (Advanced), HSC Mathematics Extension 1

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**AVIATION**

**Flying**

**Assumed knowledge:** Mathematics
**Recommended studies:** Physics

**Additional selection criteria:** Flight screening, medical examination, interview

**Management**

**Assumed knowledge:** Mathematics General 2
**Recommended studies:** Mathematics, Physics

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**COMMERCE**

**Major studies:** Accounting, business economics, business law, business strategy and economic management, finance, financial economics, human resource management, information systems, international business, management, marketing, real estate studies, taxation

**Assumed knowledge:** Mathematics
**Recommended studies:** English (Advanced), HSC Mathematics Extension 1

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**COMMERCE (INTERNATIONAL)**

**Major studies:** Accounting, business economics, business law, business strategy and economic management, finance, financial economics, human resource management, information systems, international business, management, marketing, real estate studies, taxation

**Assumed knowledge:** Mathematics
**Recommended studies:** English (Advanced), HSC Mathematics Extension 1

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COMPUTER SCIENCE
Assumed knowledge: HSC Mathematics Extension 1
Recommended studies: Engineering Studies, HSC Mathematics Extension 2, Information Processes and Technology, Physics, Software Design and Development

CONSTRUCTION MANAGEMENT AND PROPERTY
Recommended studies: English (Advanced), Mathematics

CRIMINOLOGY AND CRIMINAL JUSTICE
Recommended studies: English (Advanced). For other recommended studies visit unsw.edu.au/hsclplus.

COMPUTATIONAL DESIGN
Recommended studies: Design and Technology, Information Processes and Technology, Software Design and Development, Visual Arts

DESIGN
Major studies: Ceramics, furniture, graphics media, jewellery, lighting, object, spatial, textiles
Assumed knowledge: Visual Arts
Recommended studies: Design and Technology, Industrial Technology, Textiles and Design
Additional selection criteria: Portfolio

ECONOMICS
Major studies: Econometrics, economics, financial economics. Optional second major in accounting, business law, finance, human resource management, information systems, international business, management, marketing, mathematics, psychology, statistics, taxation, any major offered in B Arts
Assumed knowledge: Mathematics
Recommended studies: English (Advanced), HSC Mathematics Extension 1

EDUCATION
Arts/Education (Secondary)
Assumed knowledge: Any two units of English (Band 5)
Recommended studies: English (Advanced). For other recommended studies visit unsw.edu.au/hsclplus.

Commerce/Education (Secondary)
Assumed knowledge: Mathematics and any two units of English (Band 5)
Recommended studies: English (Advanced). For other recommended studies visit unsw.edu.au/hsclplus.

Design/Education (Secondary)
Assumed knowledge: Visual Arts and any two units of English (Band 5)
Recommended studies: English (Advanced). For other recommended studies visit unsw.edu.au/hsclplus.

Economics/Education (Secondary)
Assumed knowledge: Mathematics and any two units of English (Band 5)
Recommended studies: English (Advanced). For other recommended studies visit unsw.edu.au/hsclplus.

Fine Arts/Education (Secondary)
Assumed knowledge: Visual Arts and any two units of English (Band 5)
Recommended studies: English (Advanced). For other recommended studies visit unsw.edu.au/hsclplus.

Media Arts/Education (Secondary)
Assumed knowledge: Any two units of English (Band 5)
Recommended studies: English (Advanced). For other recommended studies visit unsw.edu.au/hsclplus.

Music/Education (Secondary)
Assumed knowledge: Any two units of English (Band 5)
Recommended studies: Music 2, Music Extension, AMEB (7th grade practical and 8th grade theory or musicianship) or equivalent study. For other recommended studies visit unsw.edu.au/hsclplus.
Additional selection criteria: Audition

Science/Education (Secondary)
Assumed knowledge: Mathematics (prospective science teachers must also have Chemistry or Physics) and any two units of English (Band 5)
Recommended studies: English (Advanced). For other recommended studies visit unsw.edu.au/hsclplus.
Requirements for teaching courses are currently under review. Check with UNSW Australia for specific requirements.

ENGINEERING
Aerospace Engineering
Chemical Engineering
Civil Engineering
Civil Engineering with Architecture
Computer Engineering
Electrical Engineering
Environmental Engineering
Geospatial Engineering
Materials Science and Engineering
Mechanical Engineering
Mechanical and Manufacturing Engineering
Mechatronic Engineering
Mining Engineering
Naval Architecture
Petroleum Engineering
Photonics Engineering
Photovoltaics and Solar Energy Engineering
Renewable Energy Engineering
Surveying
Telecommunications Engineering
Assumed knowledge: HSC Mathematics Extension 1, Physics
Recommended studies: Biology, Chemistry, Engineering Studies, HSC Mathematics Extension 2, Information Processes and Technology, Software Design and Development

Bioinformatics
Assumed knowledge: HSC Mathematics Extension 1, Chemistry, Physics
Recommended studies: Biology, Engineering Studies, HSC Mathematics Extension 2, Information Processes and Technology, Software Design and Development

Industrial Chemistry
Assumed knowledge: Chemistry, HSC Mathematics Extension 1, Physics
Recommended studies: HSC Mathematics Extension 2, Engineering Studies, Software Design and Development, Information Processes and Technology, Biology

Software Engineering
Assumed knowledge: HSC Mathematics Extension 1
Recommended studies: Biology, Chemistry, Engineering Studies, HSC Mathematics Extension 2, Information Processes and Technology, Software Design and Development

EXERCISE PHYSIOLOGY
Assumed knowledge: Chemistry, Mathematics
Recommended studies: Biology, Physics, Personal Development, Health and Physical Education (PDHPE)

FINE ARTS
Major studies: Drawing, painting, photography, printmaking, sculpture, performance installation
Assumed knowledge: Visual Arts
Additional selection criteria: Portfolio

FOOD SCIENCE AND TECHNOLOGY
Assumed knowledge: Chemistry, Mathematics
Recommended studies: Biology, Physics

INDUSTRIAL DESIGN
Recommended studies: Design and Technology, Visual Arts

INFORMATION SYSTEMS
Assumed knowledge: Mathematics
Recommended studies: English (Advanced), HSC Mathematics Extension 1
INTERIOR ARCHITECTURE
Recommended studies: Design and Technology, English (Advanced), Textiles and Design, Visual Arts

INTERNATIONAL STUDIES
Major studies: Asian studies, development studies, European studies, international business, international relations, language studies
Recommended studies: English (Advanced). For other recommended studies visit unsw.edu.au/hscplus.

LANDSCAPE ARCHITECTURE
Recommended studies: Geography, Visual Arts, English (Advanced), Design and Technology

LAW (DUAL)
The following dual Law courses are offered:
- Actuarial Studies/Law
- Arts and Business/Law
- Art Theory/Law
- Arts/Law
- Commerce/Law
- Criminology and Criminal Justice/Law
- Economics/Law
- Engineering (Hons)/Law
- Fine Arts/Law
- International Studies/Law
- Media (Communication and Journalism)/Law
- Media (PR and Advertising)/Law
- Media (Screen and Sound Production)/Law
- Medicinal Chemistry/Law
- Music/Law
- Planning/Law
- Science/Law
- Advanced Mathematics/Law
- Advanced Science/Law
- Science (Computer Science)/Law
- Science and Business/Law
- Social Research and Policy/Law
- Social Work (Hons)/Law
Assumed knowledge: For Law: None For the other area of study: Refer to the relevant entry
Recommended studies: For Law: None For the other area of study: Refer to the relevant entry
Additional selection criteria: Law admission test

MEDIA
Communication and Journalism
Public Relations and Advertising
Screen and Sound Production
Recommended studies: English (Advanced). For other recommended studies visit unsw.edu.au/hscplus.

MEDIA ARTS
Major studies: Animation, digital imaging, video and sound
Recommended studies: Visual Arts, Industrial Technology: Multimedia Technologies
Additional selection criteria: Portfolio

MEDICAL SCIENCE
Assumed knowledge: Mathematics, Chemistry
Recommended studies: Biology and/or Physics

MEDICINE
Assumed knowledge: English (Standard)
Recommended studies: Chemistry
Additional selection criteria: Undergraduate Medicine and Health Sciences Admission Test (UMAT), interview

MUSIC
Major studies: Music creative practice, music pedagogy, music studies, sonic arts
Recommended studies: Music 2, Music Extension, AMEB (7th grade practical and 6th grade theory or musicianship) or equivalent study. For other recommended studies visit unsw.edu.au/hscplus.
Additional selection criteria: Audition

OPTOMETRY
Assumed knowledge: Mathematics, Chemistry, English (Advanced), Physics
Additional selection criteria: Undergraduate Medicine and Health Sciences Admission Test (UMAT)

PLANNING
Recommended studies: English (Advanced), Design and Technology, Geography, Economics, Legal Studies, Society and Culture

PSYCHOLOGY
Assumed knowledge: Mathematics
Recommended studies: English (Advanced), Biology, Chemistry, Earth and Environmental Science, Physics

SCIENCE
Advanced Mathematics
Assumed knowledge: HSC Mathematics Extension 1
Recommended studies: HSC Mathematics Extension 2
Advanced Science
Science
Assumed knowledge: Mathematics, Chemistry, and one or more of Biology, Earth and Environmental Science, Physics, HSC Mathematics Extension 1 (depending on chosen area of study)
Biotechnology
Assumed knowledge: Mathematics, Chemistry
Recommended studies: Biology
Environmental Management
Assumed knowledge: Mathematics, Chemistry
Recommended studies: Earth and Environmental Science, Physics, Biology
Life Sciences
Assumed knowledge: Mathematics and one of Biology, Chemistry or Earth and Environmental Science (depending on chosen area of study)
Medicinal Chemistry
Assumed knowledge: Mathematics, Chemistry
Recommended studies: Biology, Physics
Nanotechnology
Assumed knowledge: HSC Mathematics Extension 1, Physics, Chemistry
Recommended studies: Biology, Earth and Environmental Science

SOCIAL AND POLICY
Major studies: Development studies; economics; environmental humanities; human resource management; Indigenous studies; international business; international relations; media, culture and technology; marketing; politics; sociology and anthropology
Recommended studies: English (Advanced). For other recommended studies visit unsw.edu.au/hscplus.

SOCIAL WORK
Recommended studies: English (Advanced). For other recommended studies visit unsw.edu.au/hscplus.
DUAL DEGREES
If you intend to undertake dual degrees check the prerequisites, assumed knowledge and recommended studies for both degrees. Contact the University for further details.

- Actuarial Studies/Advanced Mathematics
- Actuarial Studies/Commerce
- Actuarial Studies/Economics
- Actuarial Studies/Science
- Advanced Mathematics/Arts
- Advanced Mathematics/Computer Science
- Advanced Science/Arts
- Advanced Science/Computer Science
- Advanced Science/Chemistry
- Advanced Science/Social Research and Policy
- Art Theory/Arts
- Art Theory/Social Research and Policy
- Commerce/Advanced Mathematics
- Commerce/Advanced Science
- Commerce/Arts
- Commerce/Aviation (Management)
- Commerce/Design
- Commerce/Economics
- Commerce/Fine Arts
- Commerce/Information Systems
- Commerce/Media (PR and Advertising)
- Commerce/Science
- Commerce/Science (Computer Science)
- Computer Science/Arts
- Computer Science/Media Arts
- Design/Media (PR and Advertising)
- Economics/Advanced Mathematics
- Economics/Advanced Science
- Economics/Arts
- Economics/Science
- Engineering/Arts
- Engineering/Biomedical Engineering
- Engineering/Commerce
- Engineering/Computer Science
- Engineering/Engineering
- Engineering/Science
- Environmental Management/Arts
- Fine Arts/Arts
- Materials Science and Engineering/Chemical Engineering
- Materials Science and Engineering/Commerce
- Media/International Studies
- Medicine/Arts
- Music/Advanced Science
- Music/Arts
- Music/Commerce
- Music/Engineering
- Music/Media
- Music/Science
- Science/Arts
- Science/Computer Science
- Science/Fine Arts
- Science/Social Research and Policy
- Advanced Science/Engineering
- Advanced Mathematics/Engineering
- Social Work/Arts
- Social Work/Criminology and Criminal Justice
- Social Work/Social Research and Policy

Dual degrees in Law and Education are also offered. Refer to main subject area for details.

UNSW Canberra at the Australian Defence Force Academy (ADFA)

ARTS
Recommended studies: For details visit www.unsw.edu.au/hscplus.
Additional selection criteria: Interview by Defence Force Recruitment and selection for entry to the Australian Defence Force

AVIATION
Assumed knowledge: Mathematics, Physics
Recommended studies: For details visit www.unsw.edu.au/hscplus.
Additional selection criteria: Interview by Defence Force Recruitment and selection for entry to the Australian Defence Force

BUSINESS
Recommended studies: For details visit www.unsw.edu.au/hscplus.
Additional selection criteria: Interview by Defence Force Recruitment and selection for entry to the Australian Defence Force

ENGINEERING
Major studies: Aeronautical engineering, civil engineering, electrical engineering, mechanical engineering
Assumed knowledge: Mathematics, Physics
Recommended studies: For details visit www.unsw.edu.au/hscplus.
Additional selection criteria: Interview by Defence Force Recruitment and selection for entry to the Australian Defence Force

INFORMATION TECHNOLOGY
Recommended studies: For details visit www.unsw.edu.au/hscplus.
Additional selection criteria: Interview by Defence Force Recruitment and selection for entry to the Australian Defence Force

SCIENCE
Recommended studies: For details visit www.unsw.edu.au/hscplus.
Additional selection criteria: Interview by Defence Force Recruitment and selection for entry to the Australian Defence Force
William Blue College of Hospitality Management

Areas of study are generally offered as Bachelor degrees unless Dip, Adv Dip or Assoc Deg is shown in brackets.

Business
- Course prerequisites: Completion of Year 12
- Event Management
- Tourism Management
- Course prerequisites: Completion of Year 12
- Hospitality Management
- Course prerequisites: Completion of Year 12
- Recommended studies: Hospitality

Hospitality Management
- Commercial Cookery (Adv Dip)
  - Course prerequisites: Completion of Year 12
  - Recommended studies: Hospitality, Food Technology
- Event Management (Adv Dip)
  - Course prerequisites: Completion of Year 12
- Event Management (Dip)
  - Course prerequisites: Completion of Year 10
- Hospitality (Dip)
- Hotel Management (Adv Dip)
  - Course prerequisites: Completion of Year 12
  - Recommended studies: Hospitality
Other UAC resources

Publications

- UAC Guide
- UAC International booklet
- Educational Access Schemes (EAS) booklet
- Equity Scholarships (ES) booklet
- Schools Recommendation Schemes (SRS) booklet
- Report on the Scaling of the NSW Higher School Certificate
- UAC News
- Directions (e-newsletter)
- All About Your ATAR
- Frequently Asked Questions About the ATAR
- All About UAC for Student Advisers
- All About UAC for Parents

Online


ATAR

- All about your ATAR (YouTube video)
- ATAR Facts and Myths (PowerPoint presentation)

Year 10

- A Walk Through the Year 10 Booklet (PowerPoint presentation)
- Choosing HSC Courses – Facts and Myths (PowerPoint presentation)

Year 12

- Applying to Uni: It’s Easy if You Know What to Do (PowerPoint presentation)
- How to Apply Through UAC Undergraduate: Australian Year 12 Students (YouTube video)
- How to Apply Through UAC International: Australian Year 12 or IB in Australia (YouTube video)
- How to Apply Through UAC Undergraduate: Non-Year 12 Students (YouTube video)
University Entry Requirements 2018 for Year 10 Students

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About this publication
This booklet is for students in Year 10 in 2015 to help them decide which HSC courses to take in years 11 and 12. It lists courses UAC’s participating institutions will offer in 2018 with details of prerequisites, assumed knowledge, recommended studies and additional selection criteria.

Cover image
Alvin James Williams
Newtown High School of Performing Arts

Bypassed: Pecking Order (Sculpture)
‘My work explores chicken behaviour, particularly pecking order theory. The chicken is a social bird, and like many animals works out a hierarchy. The hierarchy is how order is kept among the flock: stronger alpha birds dominate and take the job of head of the flock, while physically weaker and more submissive birds are ranked lower. This behaviour was the inspiration for my sculptures. My artmaking is also influenced by the practice of South African artist William Kentridge. I was inspired by his expressionistic work and by his use of light and shadow.’ Alvin James Williams

ARTEXPRESS
ARTEXPRESS is an annual exhibition of outstanding works selected from the NSW Higher School Certificate examination in Visual Arts. ARTEXPRESS is a joint project of the NSW Department of Education and Communities and the NSW Board of Studies in association with the Art Gallery of NSW. On display at the Art Gallery of New South Wales, Hazelhurst Regional Gallery and Arts Centre, The Armory, Sydney Olympic Park, McGlade Art Gallery, Australian Catholic University and the Margaret Whitlam Gallery, University of Western Sydney from February to September, as well as touring regional galleries throughout NSW.

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Year 12 results from NSW Higher School Certificate students are held, along with Year 12 results from other states and territories in Australia, in an archive database at UAC. If a student is eligible for an ATAR or a Limited ATAR, these will also be held in the database. Results, including ATARs, will also be held in similar archives at tertiary admissions centres in other states in Australia. Results held in these archives will only be accessed by the relevant tertiary admission centre if the applicant initiates an application for tertiary study through that centre, or if they submit an application for tertiary study directly with an institution participating in that centre.

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The Managing Director
UAC, Locked Bag 112
Silverwater NSW 2128.

1 In the Privacy and Personal Information Protection Act 1998 (NSW).
2 In the Privacy Act 1988 (Cth) as amended in the Privacy Amendment (Enhancing Privacy Protection) Act 2012 (Cth).
3 In the Health Records and Information Privacy Act 2002 (NSW).