

# Assumed Subject Knowledge 2016

Assumed Subject Knowledge is the level of subject knowledge that a lecturer or a tutor of a first year UNSW Canberra at ADFA course could reasonably expect all students enrolled in that course to know at the outset.

If you do not have the minimum level of Assumed Subject Knowledge, you are NOT prevented from applying for admission or enrolling in any courses, when the degree program begins, but you will be placed at a considerable disadvantage.

If you have not achieved the recommended minimum level of Assumed Subject Knowledge, you are strongly advised that it is in your best interest to undertake a bridging program or other preparation courses, such as UniLearn: [www.unilearn.net.au](http://www.unilearn.net.au).

## Assumed Subject Knowledge expressed by degree

**Year 11 and 12 subject choices are important to meet UNSW Canberra Assumed Subject Knowledge requirements.**

Bachelor of Engineering (Aeronautical), (Civil), (Electrical) or (Mechanical)	Bachelor of Technology (Aeronautical) and (Aviation)	Bachelor of Information Technology	Bachelor of Science*	Bachelor of Arts	Bachelor of Business
Mathematics Physics	Mathematics Physics	Mathematics		English	
Chemistry (desirable but not essential)	Chemistry (desirable but not essential)				

\*BSc - Assumed Subject Knowledge for specific areas undertaken within this degree:

Mathematics	Physics	Chemistry	Oceanography
Mathematics	Physics Mathematics	Mathematics	Mathematics Physics

## ADF Service Requirements

You should be aware that in **addition** to the UNSW Canberra at ADFA Assumed Subject Knowledge requirements, there may be some Year 12 subjects that are an ADF Service requirement. Contact Defence Force Recruiting on 13 19 01 for further information.

## Assumed Subject Knowledge expressed by state

The following table lists the specific Year 12 subjects that currently satisfy the UNSW Canberra at ADFA Assumed Subject Knowledge requirements. This table should be read in conjunction with the specific Assumed Subject Knowledge for each degree.

Where a specific degree lists a subject as assumed knowledge this table will enable you to determine which Year 12 subject this equates to in your state or territory. Requirements are expressed as minimum where there is more than one level. For example, to satisfy the Mathematics requirement, a NSW student would have to complete at least 'Mathematics', while a Queensland student would have to complete at least 'Mathematics B'.

Whilst the Assumed Subject Knowledge is the minimum requirement, Year 12 students are recommended to undertake higher levels of these subjects.

State	Assumed Knowledge	Recommended Studies
ACT	<ul style="list-style-type: none"> <li>- English (major)</li> <li>- Mathematical Methods (major)</li> <li>- Physics</li> <li>- Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>- English (major/minor)</li> <li>- Specialist Mathematics (major/minor)</li> <li>- Specialist Mathematics (double major)</li> </ul>
NSW	<ul style="list-style-type: none"> <li>- English Advanced</li> <li>- Mathematics</li> <li>- Physics</li> <li>- Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>- English Extension 1</li> <li>- Mathematics Extension 1</li> <li>- Mathematics Extension 2</li> </ul>
QLD	<ul style="list-style-type: none"> <li>- English</li> <li>- Mathematics B</li> <li>- Physics</li> <li>- Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>- English Extension</li> <li>- Mathematics C</li> </ul>
SA/NT	<ul style="list-style-type: none"> <li>- English Studies</li> <li>- Mathematical Studies</li> <li>- Physics</li> <li>- Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>- Specialist Mathematics</li> </ul>
TAS	<ul style="list-style-type: none"> <li>- One of the TCE English Group choices</li> <li>- Mathematical Methods</li> <li>- Physics</li> <li>- Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>- Mathematics I or II</li> <li>- Calculus and Applications 1A or 1B</li> </ul>
VIC	<ul style="list-style-type: none"> <li>- One of the VCE English Group choices</li> <li>- Mathematical Methods</li> <li>- Physics</li> <li>- Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>- Specialist Mathematics</li> </ul>
WA	<ul style="list-style-type: none"> <li>- English or English Literature</li> <li>- Mathematics: 3C/3D</li> <li>- Physics</li> <li>- Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>- Mathematics: Specialist 3A/3B</li> <li>- Mathematics: Specialist 3C/3D</li> </ul>

As at December 2014