



Program Name: [Bachelor of Science \(Advanced Materials\)](#)  
 Academic Plan:

Program Code: [LBAM](#) School Code: [EIE](#)

Program Director: [Dr Bruce Wedding](#)

### [Program Structure or Schedule]

	Course		Description	Pre-requisite	Study Period	Enrolment Class No.
	Area	Catalog No.				
<b>Year 1</b>	MATH	1054	<a href="#">Calculus 1</a>	Refer to Course home page	2	<a href="#">Refer to class timetable</a>
	CHEM	1006	<a href="#">Chemistry 100</a>	See Note 1	2	<a href="#">Refer to class timetable</a>
	CHEM	1013	<a href="#">Chemistry in Life 100</a>		2	<a href="#">Refer to class timetable</a>
	PHYS	1007	<a href="#">Applied Physics 1</a>	Refer to Course home page	2	<a href="#">Refer to class timetable</a>
	BIOL	1007	<a href="#">Biological Science 100</a>	Refer to Course home page	2	<a href="#">Refer to class timetable</a>
	MATH	1056	<a href="#">Linear Algebra</a>	Refer to Course home page	5	<a href="#">Refer to class timetable</a>
	CHEM	1007	<a href="#">Chemistry 101</a>	See Note 1	5	<a href="#">Refer to class timetable</a>
	CHEM	1014	<a href="#">Chemistry in Life 101</a>		5	<a href="#">Refer to class timetable</a>
	PHYS	1008	<a href="#">Applied Physics 2</a>	Refer to Course home page	5	<a href="#">Refer to class timetable</a>
	NASC	1008	<a href="#">Materials for the Future</a>	Refer to Course home page	5	<a href="#">Refer to class timetable</a>

## Notes

1. Students without the Year 12 chemistry prerequisites will be required to undertake Chemistry in Life 100 and 101 rather than Chemistry 100 and 101. Those with a prerequisite of chemistry will be given the option of selecting either set of courses.

	Course		Description	Pre-requisite	Study Period	Enrolment Class No
	Area	Catalog No.				
<b>Year 2</b>						Refer to class timetable
						Refer to class timetable
						Refer to class timetable
						Refer to class timetable
						Refer to class timetable
						Refer to class timetable
						Refer to class timetable
						Refer to class timetable

	Course		Description	Pre-requisite	Study Period	Enrolment Class No.
	Area	Catalog No.				
<b>Year 3</b>						Refer to class timetable
						Refer to class timetable
						Refer to class timetable
						Refer to class timetable
						Refer to class timetable
						Refer to class timetable
						Refer to class timetable
						Refer to class timetable

	Course		Description	Pre-requisite	Study Period	Enrolment Class No
	Area	Catalog No.				
<b>Year 4</b>						Refer to class timetable
						Refer to class timetable
						Refer to class timetable
						Refer to class timetable
						Refer to class timetable

**Notes:**

1. It is a professional requirement of The Engineers Australia that students complete 12 weeks (or 60 full-time equivalent working days) of industrial experience in a relevant industry prior to graduation. This can be accomplished as an accumulation of time worked in industry totalling twelve weeks with not less than three weeks being achieved in any single work place. Time worked on a part-time basis will be counted on a pro-rata basis. The work, report and assessment must be complete prior to any student becoming eligible for graduation. The course Practical Industrial Experience Reports will remain incomplete until the student submits a written report and receives a non graded pass (NGP). Students shall submit their report to the School office, and include with their report a completed "Manual Over-ride to Enrolment" form to enrol in the course Practical Industrial Experience Reports (no units, therefore no HECS). School office staff will advise the semester in which to enrol in this course at the time of lodgement.
2. The Broadening Undergraduate Education (BUGE) courses may be selected from courses offered by Divisions other than the Division of Information Technology, Engineering and the Environment subject to availability, satisfaction of pre-requisites and approval by the program director.
3. Students undertaking less than a full load AND students repeating courses in previous year of the program MUST consult with their Program Director as to which courses they enrol during 2012.