



THE UNIVERSITY  
of ADELAIDE

# Faculty of Engineering, Computer and Mathematical Sciences 2019 Study Plan

## Bachelor of Engineering (Honours) (Mechanical) – All Majors with Bachelor of Mathematical and Computer Science (Computer Science Major) Semester 2 Start

Year 1				
S1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
S2	# MATHS 1011 Mathematics IA <input type="checkbox"/>	ENG 1001 Intro to Engineering <b>OR</b> ^ ENG 1011 Intro to Engineering –EAL <input type="checkbox"/>	CHEM ENG 1009 Materials I <input type="checkbox"/>	MECH ENG 1007 Engineering Mechanics – Dynamics <input type="checkbox"/>
Year 2				
S1	MATHS 1012 Mathematics IB <input type="checkbox"/>	ENG 1002 Programming (Matlab and C) <input type="checkbox"/>	CEME 1004 Engineering Mechanics Statics <input type="checkbox"/>	ELEC ENG 1101 Electronic Systems <input type="checkbox"/>
S2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Courses will be available for Semester 2, Year 2 in 2020				
Practical Experience				
Students must complete the compulsory practical experience requirement comprising of ENG 3100 Engineering Practice 1 (3 units), ENG 3200 Engineering Practice 2 (3 units) and an 8-week placement. These requirements can be undertaken from Year 2 onwards and must be completed in order to be eligible to graduate. Further information can be found on the Practical Experience website. ( <a href="https://ecms.adelaide.edu.au/study-with-us/student-support/practical-experience">https://ecms.adelaide.edu.au/study-with-us/student-support/practical-experience</a> )				
Year 3				
Courses will be available for Year 3 in 2021				
Year 4				
Courses will be available for Year 4 in 2022				
Year 5				
Courses will be available for Year 5 in 2023				

Please see **NOTES** below before enrolling into the above courses

Core Courses

### NOTES

^ Unless exempted, International students are required to take ENG 1011 Introduction to Engineering – EAL in lieu of ENG 1001 Introduction to Engineering

# Students who have not passed SACE Stage 2 Specialist Maths must enrol in MATHS 1013 Mathematics IM (in their 1st Semester) before enrolling in MATHS 1011 Mathematics IA (in their 2<sup>nd</sup> semester) followed by MATHS 1B (in their 3<sup>rd</sup> semester).  
MATHS 1013 Mathematics IM is in addition to the requirements of this program.

+ Level III Computer Science Elective may be chosen from those listed in the Program Rules for the degree of Bachelor of Mathematical and Computer Sciences

### Further Information and Enrolment Advice

Faculty of Engineering, Computer and Mathematical Sciences

Email: [askecms@adelaide.edu.au](mailto:askecms@adelaide.edu.au)

[www.ecms.adelaide.edu.au](http://www.ecms.adelaide.edu.au)

For a complete list of courses that constitute the program, including majors, please refer to the academic program rules website: <https://calendar.adelaide.edu.au/faculty/ecms>