

## Bachelor of Engineering (Honours) (Civil) – All Majors with Bachelor of Mathematical and Computer Sciences (Computer Sciences Major)

Year 1				
S1	MATHS 1011 Mathematics IA # <input type="checkbox"/>	CEME 1004 Engineering Mechanics- Statics <input type="checkbox"/>	ENG 1003 Programming (Matlab and Excel) <input type="checkbox"/>	Level 1 Engineering Elective <input type="checkbox"/>
S2	MATHS 1012 Mathematics IB <input type="checkbox"/>	CEME 1002 Introduction to Infrastructure <input type="checkbox"/>	▲ ENG 1001 Introduction to Engineering <input type="checkbox"/>	Engineering Elective <input type="checkbox"/>
Year 2				
Courses will be available for 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="#">link</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 before enrolling in MATHS 1011 Mathematics IA. Manage your enrolment by completing MATHS 1013 Mathematics IM in semester 1 followed by MATHS 1011 Mathematics IA in semester 2 and MATHS 1012 Mathematics IB in summer school. 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

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>

**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)

### Engineering Electives for Level 1

CHOOSE FROM THE FOLLOWING LEVEL 1 ELECTIVES					
S1	ELEC ENG 1101 Electronic Systems <input type="checkbox"/>	CHEM ENG 1007 Introduction to Process Engineering <input type="checkbox"/>	CEME 1001 Introduction to Environmental Engineering <input type="checkbox"/>		
S2	CEME 1003 Resources and Energy in a Circular Economy <input type="checkbox"/>	MECH ENG 1007 Engineering Mechanics - Dynamics <input type="checkbox"/>	PETROENG 1006 Introduction to Petroleum Engineering <input type="checkbox"/>		