

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

Year 1				
S1	MATHS 1011 Mathematics IA # <input type="checkbox"/>	ENG 1003 Programming (Matlab and Excel) <input type="checkbox"/>	CEME 1004 Engineering Mechanics- Statics <input type="checkbox"/>	Course Selection A <input type="checkbox"/>
S2	MATHS 1012 Mathematics IB <input type="checkbox"/>	^ ENG 1001 Introduction to Engineering <input type="checkbox"/>	MINING 1011 Introduction to Mining Engineering <input type="checkbox"/>	General 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

Course dependent on your Major– See Course Selection Summary below

### 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.

+ Please refer to the program rules for the definition of an Applied Maths, Pure Maths, Statistics or Mathematical Sciences major. Refer to the degree finder for elective choices.

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)

## Course Selection Summary

This course choice is dependent on the major stream that you choose. Please see the Major list below to help guide your enrolment.

### Standard Degree (No Major)

A Level 1 Engineering Elective

### Mine Automation Major

A ELEC ENG 1101 Electronic Systems

Note: General Electives can be any University of Adelaide Undergraduate course for which the student meets the pre-requisites. Please check the availability, restriction and incompatible section on the course planner for elective choices.

## Engineering Electives for Level 1

### CHOOSE FROM THE FOLLOWING LEVEL 1 ELECTIVES

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"/>	
S2	MECH ENG 1007 Engineering Mechanics – Dynamics	<input type="checkbox"/>	CEME 1002 Introduction to Infrastructure	<input type="checkbox"/>	