# Bachelor of Engineering (Honours) (Civil) – All Majors – Semester 2 Start

## Year 1

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Name</th>
<th>Core Courses</th>
<th>Course Selection B</th>
</tr>
</thead>
<tbody>
<tr>
<td>S1</td>
<td>MATHS 1011</td>
<td>Mathematics IA #</td>
<td></td>
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<tr>
<td>S2</td>
<td>MATHS 1012</td>
<td>Mathematics IB</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>CEME 1002</td>
<td>Introduction to Infrastructure</td>
<td></td>
<td>Course Selection A</td>
</tr>
<tr>
<td></td>
<td>ENG 1001</td>
<td>Intro to Engineering OR ENG 1011 Intro to Engineering – EAL</td>
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</tbody>
</table>

*The remaining courses for Year 2 will be available 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. ([https://ecms.adelaide.edu.au/study-with-us/student-support/practical-experience](https://ecms.adelaide.edu.au/study-with-us/student-support/practical-experience))

## Year 3

Courses will be available for Year 3 in 2021

## Year 4

Courses will be available for Year 4 in 2022

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**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 completed SACE Stage 2 Physics enrol in PHYSICS 1510, students who have not completed SACE Stage 2 Physics enrol in MECH ENG 1007.

Further Information and Enrolment Advice

Faculty of Engineering, Computer and Mathematical Sciences [www.ecms.adelaide.edu.au](http://www.ecms.adelaide.edu.au)

Email: [askecms@adelaide.edu.au](mailto:askecms@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](https://calendar.adelaide.edu.au/faculty/ecms)
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  
B  Level 1 General Elective

**Construction Management Major**
A  Level 1 Engineering Elective  
B  DESST 1504 Representation I

**Defence Systems Major**
A  Level 1 Engineering Elective  
B  Level 1 General Elective

**Environment Engineering Major**
A  Level 1 Engineering Elective  
B  Level 1 General Elective

**Geotechnical Engineering Major**
A  Level 1 Engineering Elective  
B  Level 1 General Elective

**Smart Technologies Major**
A  Level 1 General Elective  
B  COMP SCI 1102 Object Oriented Programming

**Structural Engineering Major**
A  Level 1 Engineering Elective  
B  Level 1 General Elective

**Renewable Energy Major**
A  ELEC ENG 1101 Electronic Systems  
B  Level 1 General Elective

**Water Systems Major**
A  Level 1 Engineering Elective  
B  Level 1 General Elective

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.

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**Engineering Electives for Level 1**

<table>
<thead>
<tr>
<th>CHOICE FROM THE FOLLOWING LEVEL 1 ELECTIVES</th>
</tr>
</thead>
</table>
| **S1**
| ELEC ENG 1101 Electronic Systems          | CHEM ENG 1007 Introduction to Process Engineering | CEME 1001 Introduction to Environmental Engineering |
| **S2**
| CEME 1003 Resources and Energy in a Circular Economy | MECH ENG 1007 Engineering Mechanics - Dynamics | PETROENG 1006 Introduction to Petroleum Engineering |