

Year 1				
S 2	MATHS 1011 Mathematics IA <input type="checkbox"/>	ENV BIOL 1002 Ecological Issues I <input type="checkbox"/>	CEME 1002 Introduction to Infrastructure <input type="checkbox"/>	CEME 1003 Resources and Energy in a Circular Economy <input type="checkbox"/>
Year 2				
S 1	MATHS 1012 Mathematics IB <input type="checkbox"/>	ENG 1003 Programming (Matlab and Excel) <input type="checkbox"/>	^ ENG 1001 Introduction to Engineering <input type="checkbox"/>	CEME 1001 Introduction to Environmental Engineering <input type="checkbox"/>
S 2	MATHS 2107 Statistics & Numerical Methods II <input type="checkbox"/>	CEME 2006 Climate & Environmental Change Impact Modelling <input type="checkbox"/>	CEME 2005 Transportation Engineering & Survey <input type="checkbox"/>	~Level I Science Elective <input type="checkbox"/>
Year 3				
S 1	MATHS 2106 Differential Equations for Engineers II <input type="checkbox"/>	CEME 2003 Civil Engineering Hydraulics <input type="checkbox"/>	CEME 2004 Introduction to Geo-Engineering <input type="checkbox"/>	~Level I Science Elective <input type="checkbox"/>
S 2	CEME 3005 Advanced Civil Engineering Hydraulics <input type="checkbox"/>	CEME 3007 Integrated Environment Planning & Impact Assessment <input type="checkbox"/>	~Level II Science Elective <input type="checkbox"/>	~Level II Science Elective <input type="checkbox"/>
Internship				
All Engineering students commencing from 2019 are required to complete a minimum of 8 weeks of <a href="#">internship</a> during the course of their studies – see the note section below.				
Year 4				
S 1	GEOG 2129 Introductory Geographic Information Systems <input type="checkbox"/>	CHEM ENG 2017 Transport Processes in the Environment <input type="checkbox"/>	~Level II Science Elective <input type="checkbox"/>	~Level II Science Elective <input type="checkbox"/>
S 2	ENG 3005 Research Method & Project Management <input type="checkbox"/>	~Level III Science Elective <input type="checkbox"/>	~Level III Science Elective <input type="checkbox"/>	~Level III Science Elective <input type="checkbox"/>
Year 5				
S 1	ENG 4001A Research Project Part A <input type="checkbox"/>	CEME 3004 Hydrology for Engineers <input type="checkbox"/>	Environmental & Climate Solutions Elective (see elective table) <input type="checkbox"/>	CEME 4008 Soil and Ground Water Remediation <input type="checkbox"/>
S 2	ENG 4001B Research Project Part B <input type="checkbox"/>	ENG 3004 Systems Engineering and Industry Practice <input type="checkbox"/>	CEME 4009 Decision Making for Sustainable Solutions <input type="checkbox"/>	CEME 4010 Designing Water Resource Systems for Urban Environments <input type="checkbox"/>
Year 6				
S 1	Environmental & Climate Solutions Elective (see elective table) <input type="checkbox"/>	~Level III Science Elective <input type="checkbox"/>	~Level III Science Elective <input type="checkbox"/>	~Level III Science Elective <input type="checkbox"/>
Core Courses		Double Degree Courses	Elective	

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

CHOOSE FROM THE FOLLOWING ENVIRONMENTAL AND CLIMATE SOLUTIONS ELECTIVES					
<b>S1</b>	ENTREP 3006 GEOG 2139 MINING 4104	Energy Management, Economics and Policy Environmental Management Socio-Environmental Aspects of Mining	<b>S2</b>	ENTREP 3000 CEME 4006 GEOG 2135 GEOG 2142 GEOLOGY 3502 LAW 2511	Innovation and Creativity Advanced Hydrology and Flood Hydraulics Urban Futures Climate Change Mineral and Energy Resources III Environmental Law
<b>SUMMER</b>	ENTREP 3000 CEME 4005	Innovation and Creativity Integrated Natural Hazard Risk Management	<b>WINTER</b>	ENTREP 3006	Energy Management, Economics and Policy

#### NOTES

**Internship:** All Engineering students commencing from 2019 are required to complete a minimum of 8 weeks of internship during the course of their studies. Internships are self-sourced and further information can be found on the Engineering Internships web page: <https://ecms.adelaide.edu.au/study-with-us/student-support/internships/engineering>.

**Program Rules:** For academic program rules please refer to the following website: <https://calendar.adelaide.edu.au/faculty/ecms>

# Science Electives may be chosen from courses listed in the Program Rules for the degree of Bachelor of Science. Students must complete a major in accordance with the Program Rules for the Bachelor of Science.

#### Information and Enrolment Advice:

Ask ECMS

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

Website: <https://ecms.adelaide.edu.au/study-with-us/student-support>