

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>	ECON 3500 ENTREP 3006 GEOG 2139 MINING 4117	Resource and Environmental Economics III Energy Management, Economics and Policy Environmental Management Mining and Environment	<b>S2</b>	ENTREP 3000 CEME 4006 GEOG 2135 GEOG 2142 GEOLOGY 3502	Innovation and Creativity Climate Risk and Resilience Urban Futures Climate Change Mineral and Energy Resources III
<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>