

Bachelor of Engineering (Honours) (Environmental) with Bachelor of Finance

Year 1				
S 1	MATHS 1011 Mathematics IA <input type="checkbox"/>	ENG 1003 Programming (Matlab and Excel) <input type="checkbox"/>	<sup>^</sup> ENG 1001 Introduction to Engineering <input type="checkbox"/>	CEME 1001 Introduction to Environmental Engineering <input type="checkbox"/>
S 2	MATHS 1012 Mathematics IB <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 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"/>	CHEM ENG 2017 Transport Processes in the Environment <input type="checkbox"/>
S 2	MATHS 2107 Statistics & Numerical Methods II <input type="checkbox"/>	CEME 2005 Transportation Engineering and Survey <input type="checkbox"/>	ECON 1012 Principles in Economics I <input type="checkbox"/>	ECON 1009 International Financial Institutions & Markets <input type="checkbox"/>
Year 3				
S 1	CEME 3004 Hydrology for Engineers <input type="checkbox"/>	GEOG 2129 Introductory Geographic Information Systems <input type="checkbox"/>	CORPFIN 1002 Business Finance <input type="checkbox"/>	ACCTING 1002 Introductory Accounting <input type="checkbox"/>
S 2	CEME 2006 Environmental Modelling and Simulation <input type="checkbox"/>	CEME 3005 Advanced Civil Engineering Hydraulics <input type="checkbox"/>	CORPFIN 2502 Business Valuation <input type="checkbox"/>	ECON 2508 Financial Economics II <input type="checkbox"/>
Internship				
All Engineering students commencing from 2019 are required to complete a minimum of 8 weeks of internship during the course of their studies – see note below elective table.				
Year 4				
S 1	ENG 3004 Systems Engineering and Industry Practice <input type="checkbox"/>	CEME 4009 Environmental Decision Making <input type="checkbox"/>	CHEM ENG 4051 Water & Wastewater Engineering <input type="checkbox"/>	CORPFIN 2501 Financial Institutions Management <input type="checkbox"/>
S 2	ENG 3005 Research Method & Project Management <input type="checkbox"/>	CEME 3007 Integrated Environment Planning & Impact Assessment <input type="checkbox"/>	CORPFIN 3501 Portfolio Theory & Management <input type="checkbox"/>	CORPFIN 3502 Options, Futures & Risk Management or MATHS 3012 Financial Modelling: Tools & Techniques III <input type="checkbox"/>
Year 5				
S 1	ENG 4001A Research Project Part A <input type="checkbox"/>	ECON 2515 <input type="checkbox"/>	Level III Finance Elective <input type="checkbox"/>	Level III Finance Elective <input type="checkbox"/>



		Intermediate Applied Econometrics II or MATHS 2103 Probability & Statistics II		
S 2	ENG 4001B Research Project Part B <input type="checkbox"/>	Engineering Elective (see elective table) <input type="checkbox"/>	CEME 4010 Designing Water Resource Systems for Urban Environments <input type="checkbox"/>	Engineering Elective (see elective table) <input type="checkbox"/>
Core Courses		Double Degree Courses	Elective (see elective table)	

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

~ Finance Electives may be chosen from courses listed in the Program Rules for the degree of Bachelor of Finance.

## Electives Table

### CHOOSE FROM THE FOLLOWING ENVIRONMENTAL ENGINEERING ELECTIVES

<b>S1</b>	DESST 2517 ENTREP 3006 GEOG 2135 GEOG 2139	Environment II Energy Management, Economics and Policy Urban Futures Environmental Management	<b>S2</b>	C&ENVENG 4110 ENTREP 3000 GEOG 2142 GEOLOGY 3502 LAW 2511	Soil and Ground Water Remediation Innovation and Creativity Climate Change Mineral and Energy Resources III Environmental Law
<b>SUMMER</b>	ENTREP 3000	Innovation and Creativity	<b>WINTER</b>	ENTREP 3000 ENTREP 3006	Innovation and Creativity Energy Management, Economics and Policy
<b>TBC</b>	CEME 4007 CEME 4005 CEME 4006 CEME 4004	Unsaturated Soils Advanced Hydrological Modelling & Water Resource Systems Advanced Hydrology and Flood Hydraulics Advanced Water Distribution Systems Engineering			

### NOTES

**Internship:** The 8 weeks of internship must be supervised by a qualified engineer and may be completed in one placement or a series of placements. The Faculty recommends students undertake internships upon commencement of third year engineering courses. Internships are self-sourced and resources are available through [Careers Service](#). Register with CareerHub to access a database where opportunities are posted.

### 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>

**Program Rules:** For academic program rules please refer to the following website:

<https://calendar.adelaide.edu.au/faculty/ecms>

