

Bachelor of Engineering (Honours) (Architectural and Structural) – Semester 2 Start

Year 1				
S1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
S2	MATHS 1011 Mathematics IA <input type="checkbox"/>	DESST 1504 Representation I <input type="checkbox"/>	DESST 1507 Construction I <input type="checkbox"/>	PHYSICS 1510 Physics IE: Mechanics and Thermodynamics or MECH ENG 1007 Engineering Mechanics - Dynamics <input type="checkbox"/>
Year 2				
S1	MATHS 1012 Mathematics IB <input type="checkbox"/>	CEME 1004 Engineering Mechanics- Statics <input type="checkbox"/>	ENG 1003 Programming (Matlab and Excel) <input type="checkbox"/>	^ ENG 1001 Introduction to Engineering <input type="checkbox"/>
S2	MATHS 2107 Statistics & Numerical Methods II <input type="checkbox"/>	CEME 2002 Structural Mechanics <input type="checkbox"/>	ENG 3004 Systems Engineering and Industry Practice <input type="checkbox"/>	DESST 2521 History Theory II <input type="checkbox"/>
Year 3				
S1	CEME 2004 Introduction to Geo-engineering <input type="checkbox"/>	CEME 2001 Strength of Materials <input type="checkbox"/>	DESST 1503 Design Studio I (6 units) <input type="checkbox"/>	
S2	ENG 3005 Research Method & Project Management <input type="checkbox"/>	CEME 3003 Structural Steel Design <input type="checkbox"/>	DESST 3517 Environment III <input type="checkbox"/>	CEME 3006 Geotechnical Engineering <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				
S1	ENG 4001A Research Project Part A <input type="checkbox"/>	CEME 3002 Reinforced Concrete Design <input type="checkbox"/>	DESST 2517 Environment II <input type="checkbox"/>	MATHS 2106 Differential Equations for Engineers II <input type="checkbox"/>
S2	ENG 4001B Research Project Part B <input type="checkbox"/>	CEME 4050 Design Practice <input type="checkbox"/>	Engineering Elective (see elective table) <input type="checkbox"/>	CEME 4003 Wind and Earthquake Engineering <input type="checkbox"/>
Year 5				
S1	CEME 3001 Computer Analysis of Structures and Structural Dynamics <input type="checkbox"/>	DESST 3514 Construction III <input type="checkbox"/>	DESST 3513 Design Studio 5 (6 units) <input type="checkbox"/>	
S2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Core Course		Elective (see table)		

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

## Electives Table

CHOOSE FROM THE FOLLOWING ENGINEERING ELECTIVES					
<b>S2</b>	CHEM ENG 4051 C&ENVENG 4110	Water and Wastewater Engineering Soil and Ground Water Remediation	<b>TBC</b>	CEME 4001 CEME 4002 CEME 4007 ENG 4011	Advanced Reinforced Concrete Design Finite Element Theory and Practice Unsaturated Soils Engineering Geology

### 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

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

### 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>