

Bachelor of Engineering (Honours) (Petroleum) and Bachelor of Science – Semester 1 Start

Year 1				
S 1	MATHS 1011 Mathematics IA <input type="checkbox"/>	ENG 1003 Programming (Matlab and Excel) <input type="checkbox"/>	PETROENG 1005 Introduction to Petroleum Geosciences & the Oil Industry <input type="checkbox"/>	CEME 1004 Engineering Mechanics-Statics <input type="checkbox"/>
S 2	MATHS 1012 Mathematics IB <input type="checkbox"/>	^ ENG 1001 Introduction to Engineering <input type="checkbox"/>	PETROENG 1006 Introduction to Petroleum Engineering <input type="checkbox"/>	Level I Science Elective <input type="checkbox"/>
Year 2				
S 1	MATHS 2106 Differential Equations for Engineers <input type="checkbox"/>	PETROENG 2005 Sedimentology & Stratigraphy for Petrol Engineers <input type="checkbox"/>	PETROENG 2010 Drilling Engineering <input type="checkbox"/>	Level I Science Elective <input type="checkbox"/>
S 2	MATHS 2107 Statistics and Numerical Methods <input type="checkbox"/>	PETROENG 2009 Formation Evaluation, Petrophysics & Rock Properties <input type="checkbox"/>	PETROENG 2001 Reservoir Thermodynamics & Fluid Properties <input type="checkbox"/>	GEOLOGY 2504 Economic and Mine Geology <input type="checkbox"/>
Year 3				
S 1	PETROENG 3025 Reservoir Engineering <input type="checkbox"/>	PETROENG 3026 Formation Damage & Productivity Enhancement <input type="checkbox"/>	Level II Science Elective <input type="checkbox"/>	Level II Science Elective <input type="checkbox"/>
S 2	ENG 3005 Research Methods & Project Management <input type="checkbox"/>	PETROENG 3020 Production Engineering <input type="checkbox"/>	Level II Science Elective <input type="checkbox"/>	Level III Science Elective <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 on page 2.				
Year 4				
S 1	ENG 3004 Systems Engineering and Industry Practice <input type="checkbox"/>	PETROENG 3005 Reservoir Characterisation & Modelling <input type="checkbox"/>	Level III Science Elective <input type="checkbox"/>	Level III Science Elective <input type="checkbox"/>
S 2	PETROENG 3001 Reservoir Simulation <u>or</u> PETROENG 3023 Well Completion and Simulation <u>or</u> PETROENG 2019 Structural Geology and Seismic Methods <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"/>	PETORENG 4033 Integrated Reservoir & Project Management	<input type="checkbox"/>	PETROENG 4027 Decision Making & Risk Analysis	<input type="checkbox"/>	PETROENG 4012 Well Testing & Pressure Transient Analysis	<input type="checkbox"/>
S 2	ENG 4001B Research Project Part B	<input type="checkbox"/>	PETROENG 4022 Integrated Field Development & Economics Project	<input type="checkbox"/>	PETROENG 4034 Petroleum Business & Project Economics	<input type="checkbox"/>	PETROENG 4037 Unconventional Resources and Recovery	<input type="checkbox"/>
Core Courses		Double Degree Courses						

NOTES

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

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>

Sciences: 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

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