

Graduate Certificate in Petroleum Geology & Geophysics

Year 1			
S1	PETROGEO 7010 Fundamentals of Petroleum Geoscience I	<input type="checkbox"/>	PETROGEO 7011 Fundamentals of Petroleum Geoscience II
		<input type="checkbox"/>	PETROGEO 7012 Petroleum Resource Evaluation
		<input type="checkbox"/>	PETROGEO 7013 Petroleum Systems and Basin Evaluation

NOTES

Information and Enrolment Advice:

Ask ECMS
Email: 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>

Graduate Certificate in Petroleum Engineering

Year 1			
S 1	PETROENG 7063 Introduction to Petroleum Engineering <input type="checkbox"/>	PETROENG 7042 Drilling Engineering <input type="checkbox"/>	PETROENG 7058 Petroleum Geology and Geophysics <input type="checkbox"/>
Core Courses			

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Graduate Diploma in Petroleum Engineering

Year 1				
S 1	PETROENG 7063 Introduction to Petroleum Engineering <input type="checkbox"/>	PETROENG 7042 Drilling Engineering <input type="checkbox"/>	PETROENG 7058 Petroleum Geology and Geophysics <input type="checkbox"/>	PETROENG 7059 Reservoir Engineering <input type="checkbox"/>
S 2	PETROENG 7060 Petrophysics <input type="checkbox"/>	PETROENG 7051 Formation Damage and Productivity Enhancement <input type="checkbox"/>	PETROENG 7050 Production and Facilities Engineering <input type="checkbox"/>	PETROENG 7035 Reservoir Simulation) <input type="checkbox"/>

Core Courses

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Master of Petroleum Engineering

Year 1			
S 1	PETROENG 7063 Introduction to Petroleum Engineering <input type="checkbox"/>	PETROENG 7042 Drilling Engineering <input type="checkbox"/>	PETROENG 7058 Petroleum Geology and Geophysics <input type="checkbox"/>
S 2	PETROENG 7060 Petrophysics <input type="checkbox"/>	PETROENG 7051 Formation Damage and Productivity Enhancement <input type="checkbox"/>	PETROENG 7050 Production and Facilities Engineering <input type="checkbox"/>
PETROENG 7059 Reservoir Engineering <input type="checkbox"/>			
PETROENG 7035 Reservoir Simulation <input type="checkbox"/>			
Year 2			
S 1	PETROENG 7062 Unconventional Resources and Recovery <input type="checkbox"/>	PETROENG 7038 Well Testing and Pressure Transient Analysis <input type="checkbox"/>	PETROENG 7070 Integrated Field Development Planning and Economics Project or PETROENG 7071 Research Project <input type="checkbox"/>

Core Courses

NOTES

Conversion to Master of Petroleum Engineering Science (MPES):

Students who successfully complete the required 36 units of the Master of Petroleum Engineering with a GPA of at least 4.0 have the option of converting to the MPES. These students will be required to successfully complete a further 12 units of specified courses (including 6 units research) and be eligible to graduate from the MPES. See Ask ECMS for further details.

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Graduate Certificate in Petroleum Engineering Science

Year 1				
S 1	PETROGEO 7013 Petroleum Systems and Basin Evaluation <input type="checkbox"/>	PETROENG 7062 Unconventional Resources and Recovery <input type="checkbox"/>	PETROENG 7068 Enhanced Oil Recovery <input type="checkbox"/>	PETROENG 7067 Advanced Geomechanics <input type="checkbox"/>
Core Courses				

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Graduate Diploma in Petroleum Engineering Science

Year 1					
S 1	PETROGEO 7013 Petroleum Systems and Basin Evaluation <input type="checkbox"/>	PETROENG 7062 Unconventional Resources and Recovery <input type="checkbox"/>	PETROENG 7068 Enhanced Oil Recovery <input type="checkbox"/>	PETROENG 7067 Advanced Geomechanics <input type="checkbox"/>	
S 2	PETROENG 7065 Transport and Properties of Porous Media <input type="checkbox"/>	PETROENG 7051 Formation Damage and Productivity Enhancement <input type="checkbox"/>	PETROENG 7066 Advanced Topics in Numerical Reservoir Simulation <input type="checkbox"/>	PETROENG 7064 Data Analytics in Oil and Gas Industry <input type="checkbox"/>	

Core Courses

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Master of Petroleum Engineering Science

Year 1			
S 1	PETROGEO 7013 Petroleum Systems and Basin Evaluation <input type="checkbox"/>	PETROENG 7062 Unconventional Resources and Recovery <input type="checkbox"/>	PETROENG 7072A Petroleum Research Project Part A <input type="checkbox"/>
S 2	PETROENG 7065 Transport and Properties of Porous Media <input type="checkbox"/>	PETROENG 7051 Formation Damage and Productivity Enhancement <input type="checkbox"/>	PETROENG 7066 Advanced Topics in Numerical Reservoir Simulation <input type="checkbox"/> **Petroleum Engineering Elective <input type="checkbox"/>
Year 2			
S 1	PETROENG 7068 Enhanced Oil Recovery <input type="checkbox"/>	PETROENG 7067 Advanced Geomechanics <input type="checkbox"/>	PETROENG 7070 Integrated Field Development Planning & Economics Project <input type="checkbox"/>
S 2	PETROENG 7069 Uncertainty Modeling <input type="checkbox"/> Not Offered in 2020	PETROENG 7064 Data Analytics in Oil and Gas Industry <input type="checkbox"/>	PETROENG 7072B Petroleum Research Project Part B <input type="checkbox"/>

Core Courses

NOTES

**Petroleum Engineering Elective course could be from any engineering discipline but requires program coordinator approval prior to enrolment

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Master of Petroleum Engineering to Master of Petroleum Engineering Science Conversion Degree ****DO NOT PUBLISH****

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S 2	PETROENG 7060 Petrophysics <input type="checkbox"/>	PETROENG 7051 Formation Damage and Productivity Enhancement <input type="checkbox"/>	PETROENG 7050 Production and Facilities Engineering <input type="checkbox"/>	PETROENG 7035 Reservoir Simulation <input type="checkbox"/>
Year 2				
S 1	PETROENG 7062 Unconventional Resources and Recovery <input type="checkbox"/>	PETROENG 7038 Well Testing and Pressure Transient Analysis <input type="checkbox"/>	PETROENG 7070 Integrated Field Development Planning and Economics Project or PETROENG 7071 Research Project <input type="checkbox"/>	
S 2	Petroleum Engineering Science Advanced Course (see table below) <input type="checkbox"/>	Petroleum Engineering Science Advanced Course (see table below) <input type="checkbox"/>	PETROENG 7072B Petroleum Research Project Part B <input type="checkbox"/>	
Master of Petroleum Engineering courses		Master of Petroleum Engineering Science courses		

Advanced Course Table

CHOOSE FROM THE FOLLOWING ACADVANCED COURSE OPTIONS				
SEMESTER 2	PETROENG 7066 Advanced Topics in Numerical Reservoir Simulation <input type="checkbox"/>	PETROENG 7064 Data Analytics in Oil and Gas Industry <input type="checkbox"/>	PETROENG 7065 Transport and Properties of Porous Media <input type="checkbox"/>	PETROENG 7069 Uncertainty Modeling <input type="checkbox"/>

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