Program

Petroleum Engineering

7343 | 36 Units of Credit

Overview

This Graduate Certificate program in Petroleum Engineering is designed to cater for engineering and science graduates and industry personnel who are interested in expanding their knowledge base and improving their technical understanding. It covers both the fundamentals and applications of drilling engineering, reservoir engineering, petroleum technology, business principles and business management.

The program is designed to enable students to fulfil a number of needs including:

- Updating technical knowledge and skills in petroleum engineering
- Developing and expanding knowledge and skills in engineering management
- Updating qualifications and knowledge to meet or maintain professional accreditation standards
- Providing opportunities for continuing professional development
- Providing opportunities for interaction with those at the cutting edge of the discipline
- Providing a pathway towards the Graduate Diploma and Master's program.
<table>
<thead>
<tr>
<th><strong>Faculty</strong></th>
<th>Faculty of Engineering</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Campus</strong></td>
<td>Kensington</td>
</tr>
<tr>
<td><strong>Study Level</strong></td>
<td>Postgraduate</td>
</tr>
<tr>
<td><strong>Typical duration</strong></td>
<td>0.7 Years</td>
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<tr>
<td><strong>Delivery Mode</strong></td>
<td>Face-to-face</td>
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<tr>
<td><strong>Intake Period</strong></td>
<td>Term 1, Term 3</td>
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<td><strong>Academic Calendar</strong></td>
<td>3+ Calendar</td>
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<tr>
<td><strong>Minimum Units of Credit</strong></td>
<td>36</td>
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<tr>
<td><strong>Award type</strong></td>
<td>Graduate Certificate</td>
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<tr>
<td><strong>Award(s)</strong></td>
<td>Graduate Certificate in Petroleum Engineering - GradCertPetEng</td>
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<tr>
<td><strong>CRICOS Code</strong></td>
<td>088768B</td>
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Program Structure

Students must complete 36 UOC as a standalone program.

Students must complete 36 UOC of courses to be eligible for the degree, and must complete:
1. 12 UOC of Foundational Disciplinary courses
2. 18 UOC-24 UOC of Disciplinary Knowledge courses
3. 0 UOC-6 UOC of Advanced Disciplinary Knowledge courses

Specialisation Options

Students must complete at least one of the specialisations below.

SPECIALISATION:

PTRLGS | 36 UOC
Petroleum Engineering

PTRLHS | 36 UOC
Petroleum Engineering Open Learning

Enrolment Disclaimer

Unless advised otherwise by your program authority, you should follow the rules for the handbook for the year you commenced your program. You are also responsible for ensuring you enrol in courses according to your program requirements. myUNSW enrolment checks that you have met enrolment requirements such as pre-requisites for individual courses but not that a course will count towards your program requirements.
Admission Requirements

Entry Requirements

Entry into the Graduate Certificate in Petroleum Engineering can be via two pathways:

- Entry pathway 1 - A 3 or 4 year Bachelor of Engineering/Science degree in a relevant discipline or an equivalent qualification from a recognised university or tertiary institution; OR
- Entry pathway 2 - Consideration will be given on an individual basis for those with relevant petroleum industry experience with vocational training based on the portfolio supporting the application. A minimum of 5 years of full-time relevant professional and/or responsibility in the upstream petroleum industry is required. Students are required to demonstrate work experience in the Upstream Petroleum Industry (i.e. the exploration, reservoir engineering, drilling and production of oil &/or gas). An entry interview may be required.

Recognition of Prior Learning (RPL)

A student may apply to the Program or Stream Authority for advanced standing or exemption as per the UNSW RPL Policy and Procedures. Program or Stream Authorities may grant up to 18UOC of advanced standing or exemption if they consider the student has prior learning (formal, informal or non-formal) where it can be demonstrated that the student has achieved equivalent learning outcomes to the exempted course(s). Application for advanced standing or exemption would require substantiating evidence including documents including academic records, continuing professional education, professional registration and statements of service from the employer.

For more information about admission requirements for various UNSW programs, visit the following website(s):

Domestic Students
International Student
Program Requirements

Progression Requirements

The Graduate Certificate can be an entry point for obtaining foundational qualifications in Petroleum Engineering, and for articulating to the Graduate Diploma (and subsequently the Masters degree) subject to having a credit average and no fails. Upon completion of this degree, candidates can articulate to the Petroleum Engineering stream of the Graduate Diploma in Engineering - students articulating are required to complete four additional courses (24UOC) to complete that program. The courses in each specialisation form an articulated sequence. Students who complete the Graduate Certificate in Petroleum Engineering program may upgrade to the Graduate Diploma program with 24 UOC credit for the core disciplinary courses undertaken in the Graduate Certificate program at UNSW. A credit average (65%) is generally required to articulate to the Graduate Diploma.

For more information on university policy on progression requirements please visit Academic Progression.
Pathways

Articulation Arrangements

Other program(s) within articulated suite:

Graduate Diploma in Engineering Science - GradDipEngSc
5341 Engineering Science

Faculty: Faculty of Engineering
Campus: Kensington
Units of Credit: 48
Typical Duration: 1 Years

Read More

Master of Engineering Science - MEngSc
8338 Engineering Science

Faculty: Faculty of Engineering
Campus: Kensington
Units of Credit: 96
Typical Duration: 2 Years

Read More
Additional Information

Computing Requirements

All software required for coursework is provided on the computers in the School computer laboratories. Some students find it advantageous to buy their own computer and software so that they can work at home. Some external courses may require students to own their own computer with Microsoft Office or equivalent. Specialist software packages that are required for external courses will be provided as part of the course pack to students.

Part-time study

All programs are available on a full-time or part-time basis.
Program Fees

At UNSW fees are generally charged at course level and therefore dependent upon individual enrolment and other factors such as student's residency status. For generic information on fees and additional expenses of UNSW programs, click on one of the following:

**Domestic Students**
**Commonwealth Supported Students**
**International Students**

**Additional Expenses**

Field projects, site visits and industry seminars or lectures are a requirement of some courses and may involve additional expense.
Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)

Pre-2019 Handbook Editions
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Authorised by Deputy Vice-Chancellor (Academic)
CRICOS Provider Code 00098G
ABN: 57 195 873 179