

# UNIVERSITY I STAVANGER

## Degree programmes in English

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University of Stavanger, Norway (UiS) has an ever-expanding portfolio of programmes and courses available in English.

There is a growing awareness at the University and its faculties of the benefits of internationalisation of the curricula.

In addition, UiS has researchers, lecturers and administrative staff who will do everything in their power to help students leave UiS secure in the knowledge that they have a greater understanding of themselves and that they have learnt something that is relevant to their future careers.

The University of Stavanger has about 8000 students and 1100 employees. UiS is also privileged to have a number of research institutions in the University's immediate vicinity. A close co-operation with these academic and research partners is a mutually beneficial one.

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## MSc Petroleum Engineering

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Choosing the right graduate programme is a decision with lasting implications. A Masters degree from a distinguished university provides a platform for success and career advancement in any profession. In the petroleum exploration and production industry, a quality postgraduate education is fast becoming a prerequisite for the top technology and management jobs.

The Department of Petroleum Engineering at the University of Stavanger is at the forefront of petroleum engineering education worldwide. The MSc degree in Petroleum Engineering is uniquely focused on the specific needs of the upstream petroleum industry. This degree programme will provide participants with a clear advantage in today's highly competitive, uncertain and dynamic world.

The MSc programme has an international profile and accommodates both Norwegian and international students. University degrees in Petroleum Engineering have been offered by our institution since 1977. The MSc programme prepares students for careers in the international oil and gas industry. Students can avail themselves of the faculty's close contacts with the industry in their research and focus on the challenges currently being faced by practising petroleum engineers. This programme also provides an excellent basis for doctoral studies for those who wish to pursue a career in education or research.

The study plan for the current year is published below.

[Information about intake 2010 can be found here.](#)

**Details of:**

[MSc Petroleum Engineering](#)

# MSc in Petroleum Geosciences Engineering

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The department of Petroleum Engineering at the University of Stavanger is at the forefront of petroleum engineering and geosciences education worldwide. The MSc programme in Petroleum Geosciences Engineering is uniquely focused on the specific needs of exploration and production of the petroleum industry.

## Learning outcomes of the program

A successful learner from this programme will be able to solve geosciences problems by integrating different types of surface and subsurface data used by the oil industry and to integrate such information with Petroleum engineers. In addition, individuals will be able to formulate strategies and have the key fundamental knowledge to develop, manage and implement technology within the oil industry. Specific outcomes include:

- To evaluate and solve technical problems related to the exploration and production of hydrocarbon reservoirs, from regional to reservoir scale, by interpreting and integrating different types of geological, geophysical and engineering data.
- To implement the use of leading edge technology used in the exploration and production of hydrocarbons that will produce the best results
- To manage, develop and implement strategies for the exploration and production of hydrocarbons

## This programme qualifies for:

The program, which has been developed in close collaboration with the oil industry and the petroleum engineering programme, qualifies for a broad range of positions within the oil industry, both operators and service companies. The programme also qualifies for other industry or institutes where geosciences are applied such as construction, geo-environmental, mining, underground water and governmental companies.

A complete master degree in Petroleum Geosciences Engineering may qualify for admission to the PhD programme in Petroleum technology and geosciences at the University of Stavanger.

## Study plan:

### 1st semester

MPG210 Depositional system and sequence stratigraphy, 10 ECTS  
MPG230 Geostatistics and reservoir modelling (part 1), 5 ECTS  
ÅMA150 Mathematical modelling, 5 ECTS  
MPG160 Structural styles and basin analysis, 10 ECTS

### 2nd semester

MPE630 Decision analysis 1, 5 ECTS  
MPG230 Geostatistics and reservoir modelling (part 2), 5 ECTS  
MPG240 Seismic reflection methods, 10 ECTS  
MPG220 Applied geosciences methods, 10 ECTS

### 3rd semester

MPG200 Seismic interpretation and formation evaluation, 15 ECTS  
MPG250 Seismic amplitude analysis and inversion, 5 ECTS  
Electives, 10 ECTS

### 4th semester

Master Thesis, 30 ECTS

This study plan is subject to changes. Published by Ingeborg Dirdal (15.03.2010)

# Offshore Technology - Master's Degree Programme

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Norway is the third largest oil and gas exporter in the world and the Stavanger-region is the undisputed oil capital of Norway.

The University of Stavanger has established a research and educational basis in oil and gas technology that has attracted students from not only Norway, but from many parts of the world. The two-year Master of Science Programme in Offshore Technology is a programme designed to meet the growing demand for skilled professionals in the offshore industry.

A Master's degree from a distinguished university provides a platform for success and career advancement in any profession. In the petroleum exploration and production industry, a quality postgraduate education is fast becoming a pre-requisite for the top technology and management jobs. The MSc degree in Offshore Technology is focused on industrial asset management, risk management and issues related to the design of offshore installations for the oil and gas industry.

The MSc programme has an international profile with applications from students worldwide.

The programme prepares students for careers in the international oil and gas industry. Students can avail themselves of the Faculty's close contacts with the industry. This programme also provides an excellent basis for doctoral studies for those who wish to pursue a career in education or research.

**The Study Plan and details concerning MSc in Offshore Technology can be found below. Information about admission procedure and application form is published in the right column under "All you need to know".**

**Details of:**

[Offshore Technology - Master's Degree Programme](#)

# Student Exchange Programmes

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University of Stavanger, Norway (UiS) has an expanding portfolio of student exchange programmes. The menu on the left-hand side lists our study courses offered in English.

University of Stavanger, Norway (UiS) participates in several student exchange programmes, such as NORDPLUS and ERASMUS. UiS has also established several bilateral exchange agreements with universities and colleges in both European and non-European countries.

If your home institution has an agreement with UiS, you are welcome to apply as an exchange student. [Application](#) must be submitted to the International Office of your home institution.

The University of Stavanger will adhere to high standards of quality in student and staff mobility by developing a relevant portfolio of bilateral agreements, by maintaining an up-to-date information service for international students and teachers and by constantly updating the academic activities that is offered.

## **Faculty of Science and Technology**

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Please do not email multiple addresses with the same enquiry. If you have not sent the original enquiry to the correct address it will be forwarded to the relevant department.

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Last edited by Ingeborg Dirdal (25.08.2009)

# Student Exchange

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[List of universities which has an agreement with UiS.](#)

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## UiS deadlines

Application deadlines for exchange students:

Autumn semester (Aug.-Dec.): 1. May

Spring semester (Jan.-June): 1. November

The above dates are only addressed to EEA citizens that are going on a bilateral exchange agreement or other nationals of countries with which Norway have signed a visa waiver agreement (see [www.udi.no](http://www.udi.no)) \*. Students from other countries need a visa and/or residence permit before departure and should therefore apply two months earlier (1. March / 1. Sept.).

Application as an exchange student must be submitted to the International Office of your home institution. For relevant deadlines, please refer to your home institution international coordinators. The dates above also correspond to the application deadlines for [students housing](#).

\* Exchange student from USA have faced difficulties travelling out of the US without having procured a student visa in advance. [Read more](#).