

# Reservoir Evaluation and Management

Heriot-Watt University

## Venues

Edinburgh Campus

## Content

The MSc in Reservoir Evaluation and Management (REM) teaches students how to be successful subsurface geoscientists and engineers, able to build models that can provide good predictions of hydrocarbon reservoir behaviour. The success of these models requires a good understanding of both the geology and engineering of the reservoir. The REM programme, with its combination of geoscience and engineering, provides students with the ability to identify those aspects of the reservoir which have the greatest impact on hydrocarbon recovery. Our graduates typically go on to careers in petroleum geology, geomodelling or reservoir engineering.

Most development decisions in oil companies are based on the predictions of computer models of the subsurface. We teach our students the most effective ways to combine the geology, geophysics and reservoir engineering disciplines in order to develop and run computer models which provide the most robust predictions. The programme has been designed so that graduates are technically well prepared for, and have a sound knowledge of, the reservoir geoscience and engineering aspects of the upstream petroleum industry. The unique combination of geoscience and engineering in the REM programme means that our team projects contain the complete workflow of a field development, from geology to engineering and economics.

## Start Date

September

## Qualification

Postgraduate Master's

## Study Method

Full time

## Award Title

MSc

## Course Length

12 months

## Faculty

School of Energy, Geoscience, Infrastructure and Society

## Department

Institute of Petroleum Engineering

## Entry Requirements

Masters (MSc) level entry applicants must have one of the following:

Minimum of 2:1 honours degree or equivalent academic qualification in a related subject area; For postgraduate conversion courses, non-related degrees will be considered; Corporate (or chartered) membership of relevant professional institutions will also be considered.

Candidates who do not meet the above entry requirements or have no formal academic qualifications will be considered individually based on their CV and possibly interview. Admission via this route will be at the discretion of the Director of Recruitment.

## SCQF Level

11

## Address

Edinburgh  
EH14 4AS

## Website

[www.hw.ac.uk](http://www.hw.ac.uk)