

# Naval Architecture with Ocean Engineering

University of Strathclyde

## Content

Ocean Engineering deals with structures and systems related to ocean resources, including oil and gas, and renewable energy.

Year 1: Maths, Engineering Mechanics, Marine Design, Introduction to Naval Architecture and Marine Engineering; group project to design, build and test a container ship.

Year 2: focus on hydrostatics and stability of marine vehicles, marine design and production; group project to build a radio-controlled sailing yacht and a wave energy device.

Year 3: topics cover resistance and propulsion of ships, marine engineering, design of marine structures, offshore oil and gas production systems; individual project to design a ship.

Year 4: an individual project on a topic of your choice; classes covering Dynamics of Offshore Structures, and Structural Reliability as well as State-of-the-art Tools for Predicting Fluid Flow Around Ships and The Strength Of Marine Structures.

Year 5 (MEng only): group design project; further specialist technical and management classes.

## Start Date

October

## Qualification

Degree

## Study Method

Full time

## Award Title

MEng

## UCAS Code

H513

## Course Length

5 years

## Faculty

Faculty of Engineering

## Department

Naval Architecture, Ocean and Marine Engineering

## Entry Requirements

2026 entry requirements

Standard entry

4 or 5 Highers at AAAA or AAABB including Maths at A and Engineering Science or Physics plus English at National 5 (Higher preferred). Advanced Higher Maths and Physics preferred.

Widening access entry:

4 or 5 Highers at ABBB or BBBB including Maths and Engineering Science or Physics plus English at National 5 (Higher preferred). Advanced Higher Maths and Physics preferred.

A Foundation Apprenticeship is accepted in place of a non-essential Higher.

## SCQF Level

11

## Progression Routes

«ProgressionRoutes»

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

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## Website

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