

Naval Architecture and Marine Engineering

University of Strathclyde

Content

Naval architects and marine engineers deal with the world's largest moving structures and most powerful vehicles – from huge ships to sailing yachts, from fast ferries to offshore wind turbines and oil platforms.

Marine engineering is the engineering speciality of design, construction, installation and operation of machinery and propulsion systems for ships and marine structures.

This degree aims to develop engineers capable of dealing with engineering challenges on a wide range of marine vehicles, with additional skills and understanding in the impact and importance of marine engineering on their successful design, construction, repair, and maintenance.

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

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

Year 3: topics include resistance, propulsion and strength of ships, marine design, principles of marine machinery, and marine business and management; individual project to design a ship.

Year 4: individual project on a topic of your choice; classes covering Marine Machinery, Power and Electrical Systems, as well as State-of-the-art Tools for Predicting Fluid Flow Around Ships and the Strength of Ship Structures.

Start Date

October

Qualification

Degree

Study Method

Full time

Award Title

BEng Hons

UCAS Code

JH65

Course Length

4 years

Faculty

Faculty of Engineering

Department

Naval Architecture, Ocean and Marine Engineering

Entry Requirements

2027 entry requirements

Standard entry

4 or 5 Highers at AAAB or AABBB including Maths and Engineering Science or Physics at AB or BA plus English at National 5 (Higher preferred). Advanced Higher Maths and Physics recommended.

Widening access entry:

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

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

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse»

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Address

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Website

www.strath.ac.uk