

Naval Architecture with High Performance Marine Vehicles

University of Strathclyde

Content

Marine vehicles use advanced materials and technology to become lighter, faster, greener and safer.

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 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 cover resistance and propulsion of ships, marine engineering, design of marine structures, yacht and power craft design; individual project to design a ship.

Year 4: an individual project on a topic of your choice; classes covering High Performance Sailing Yachts, and High-Speed Ships as well as State-of-the-art Tools for Predicting Fluid Flow Around Ships and the Strength of Ship 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

H521

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»

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Website

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