

Naval Architecture with High Performance Marine Vehicles

University of Strathclyde

Content

Years 1 & 2:

Our courses have a common core on which you'll build more specialist knowledge. In Years 1 and 2, you'll follow this core so it's possible to change course. You'll study engineering science and the fundamentals of naval architecture including: buoyancy and floatation; stability; ship types; terminology.

As you progress, you'll study more specific naval architecture subjects such as: resistance and propulsion; ship structural analysis; ship design; marine engineering systems; business and management subjects.

Years 3 & 4:

You'll study more advanced subjects related to the design of conventional ships, sailing yachts, high-speed ships and other high-performance marine vehicles.

You'll study state-of-the-art tools for analysing the water flow around ship hulls, predicting the stresses and strains in the hull structure, and the behaviour of ships in waves.

You'll study the design of yachts and powercraft, how to predict the behaviour of high-performance sailing yachts and high-speed ships.

There's also a specialised individual project on a subject which you will choose. This can involve any combination of calculations, design, computer studies or tank-testing using any of the department's facilities.

Start Date

October

Qualification

Degree

Study Method

Full time

Award Title

BEng Hons

UCAS Code

H520

Course Length

4 years

Faculty

Faculty of Engineering

Department

Naval Architecture, Ocean and Marine Engineering

Entry Requirements

2022 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. Advanced Higher Maths and Physics recommended. Higher English preferred.

Widening Access entry:

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

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

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Website

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