

# Naval Architecture and Marine Engineering

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, and the range of machinery and systems which provide the various services required on-board ships.

You'll study state-of-the-art tools for analysing the water flow around ship hulls, the stresses and strains in the hull structure, and the behaviour of ships in waves. You'll also study the design of machinery, power and electrical systems, transmission and propulsion systems as well as refrigeration and heating systems.

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

JH65

## 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»

## Address

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## Website

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