

# Lecturer x 2

Department	Naval Architecture, Ocean and Marine Engineering ( <a href="http://www.strath.ac.uk/engineering/navalarchitectureoceanmarineengineering/">www.strath.ac.uk/engineering/navalarchitectureoceanmarineengineering/</a> )		
Faculty	Faculty of Engineering ( <a href="http://www.strath.ac.uk/engineering/">www.strath.ac.uk/engineering/</a> )		
Staff Category	Academic (two posts)	Reference No	519708
Reports To	Head of Department	Grade:	7/8
Salary Range:	Grade 7 £39,592 - £43,155 Grade 8 £44,414 - £54,421	Contract Type:	Open Contract
FTE:	1 (35 hours/week)	Closing Date	Sunday, 23 April 2023

## Job Advert

The Department of Naval Architecture, Ocean and Marine Engineering is a world-leader in research, whose main interests lie in: Ship Design, Stability and Safety, Marine Hydrodynamics, Marine Structures, Ocean Engineering, Marine Engineering, Emerging Technologies, Offshore Renewable Energy and Alternative Fuels. The Department makes a significant contribution to National, European and International policy-making in Marine Technology research and its application.

As a leading international technological university, the University of Strathclyde is recognised for its world class research, knowledge exchange and educational programmes. Over the last few years, the Department has seen considerable success in all aspects of academia, and we are ambitious to continue this upward trajectory. The Department is ranked as number 1 in the UK and Europe and number 3 in the world for Marine/Ocean Engineering by Shanghai Ranking's 2022.

The Department ensures that all students and staff feel inclusive and fairly treated, and it addresses inequalities and barriers faced by women in Engineering.

We have facilities based both on and off campus. We have our own building, named after Henry Dyer, a famous graduate of Strathclyde. It houses many of our teaching facilities, as well as our researchers and staff. Most of our experimental research is carried out at Kelvin Hydrodynamics Laboratory, situated near the West of Scotland Science Park, a few miles from the main Strathclyde campus. Our yacht Catalina is based on the River Clyde at Rhu. It's available for both staff and students to use. We also have the Marine Engineering Laboratory which houses a diesel engine test-bed in a soundproof cell.

Lecturer: 1 Naval Architecture

Lecturer: 2 Marine Engineering

The Department of Naval Architecture, Ocean and Marine Engineering is seeking to appoint two Lecturers in Naval Architecture and Marine engineering respectively, to support our expanding teaching and research commitments and to ensure that we can successfully deliver a Joint Education Programme (JEP) with Harbin institute of Technology (HIT) in Weihai, China, whilst supporting NAOME in-house teaching, research and knowledge exchange activities

The successful candidates are expected to spend a total of one semester per academic year at HIT in Weihai, China, to undertake teaching at HIT and carry out collaborative research with colleagues at HIT and other Universities in China. While working at Strathclyde Campus, the successful candidates are expected to carry out research and knowledge exchange activities.

To be considered for the role you will have a PhD (or equivalent) in Naval Architecture or Marine Engineering discipline. You will have a strong track record of published research in high quality publications commensurate to your career stage, as well as teaching experience. You will have research experience and interests consistent with the strategic direction of the Department. You will have excellent communication skills and a commitment to excellence in teaching at all levels.

## Job Description

### Brief Outline of Job:

To pursue and establish an independent and high-quality research programme; to design and deliver a range of teaching materials and undertake student assessment activities; to engage in relevant professional and knowledge exchange activities; and to carry out administrative tasks assigned by the Head of Department.

### Main Activities/Responsibilities:

1.	Engage in individual and collaborative research, establishing a distinctive programme of research and disseminating results through regular publications in high impact journals, books and conference proceedings
2.	Apply, as Principal- or Co-Investigator, to appropriate external bodies for research funding and manage grants awarded.
3.	Supervise research students and staff as required, providing direction, support and guidance
4.	Design and deliver a range of teaching materials at undergraduate and postgraduate levels, including contribution to curriculum review and enhancement, in a manner that supports a research-led approach to student learning.
5.	Undertake student assessment and examination activities, including the provision of appropriate feedback to students.
6.	Able to spend a total of one semester per academic year at HIT in Weihai, China, to undertake teaching at HIT and carry out collaborative research.
7.	Develop knowledge exchange activities by, for example, establishing research and/or educational links with industry and influencing public policy and the professions.
8.	Carry out Department/School, Faculty and/or University administrative and management functions, for example through membership of committees and/or by acting as class/module/year co-ordinator.
9.	Engage in continuous professional development.

## Person Specification

### Educational and/or Professional Qualifications

(E=Essential, i.e. a candidate must meet all essential criteria to be considered for selection, D=Desirable)

E1 Good honours degree and PhD (or equivalent) in appropriate discipline

D1 Membership of relevant Chartered/professional bodies (including the Higher Education Academy)

### Experience

E2 Research interests consistent with the strategic direction of the Department

E3 A body of published research in high quality publications demonstrating standards of excellence

E4 Relevant teaching experience at undergraduate and/or postgraduate levels

D2 Experience of multi/inter-disciplinary research

D3 Experience of managing research/teaching activities and teams

D4 Experience of student assessment activities

D5 Experience of curriculum development

### Job Related Skills and Achievements

E5 Ability to secure research funding, including experience of contributing to grant applications

E6 Ability to work within an academic team environment and lead teams where required

D6 Track record of securing research funding

D7 Track record in knowledge exchange related activities

D8 Written and spoken Chinese would be advantageous

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## Personal Attributes

E7 Excellent interpersonal and communication skills, with the ability to listen, engage and persuade, and to present complex information in an accessible way to a range of audiences

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## Application Procedure

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Applicants are required to complete an application form including the name of three referees who will be contacted without further permission, unless you indicate you would prefer otherwise. Applicants should also submit a Curriculum Vitae and a covering letter detailing the knowledge, skills and experience you think make you the right candidate for the job as well as a Research Plan outlining your research strategy for the next 5 years. Applicants should also complete the Equal Opportunities Monitoring Form.

## Other Information

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Further information on the application process and working at Strathclyde can be found on our website (<https://www.strath.ac.uk/workwithus/vacancies/>).

Informal enquiries about the posts can be directed to Head of Department, Professor Feargal Brennan [feargal.brennan@strath.ac.uk](mailto:feargal.brennan@strath.ac.uk).

### Conditions of Employment

Conditions of employment relating to the Academic staff category can be found at: [Conditions of Employment](#).

### Rewards and Benefits

Our staff have access to a wide range of outstanding benefits that include financial rewards, family friendly and wellbeing benefits and career development opportunities, details of which can be found [here](#).

### Basic Disclosure

This role requires the satisfactory outcome of a Basic Disclosure Scotland Check. The successful applicant will be asked to carry out a Basic Disclosure Scotland Check. Whether an outcome is satisfactory will be determined by the University.

### Pre-employment health screening

An offer of appointment will be subject to a medical assessment by Occupational Health. An individual who accepts an offer of employment must complete a confidential medical questionnaire and forward it to the Occupational Health Nurse within 5 days of receipt. If further information is required, the individual may be contacted by the OHN or a Medical Advisor and a personal appointment with the individual may be arranged. An unconditional contract of employment will not be issued until Human Resources receives confirmation that applicant is fit to undertake the duties of the post.

### Probation

Where applicable, the successful applicant will be required to serve a 9 month probationary period.

### Pension

The successful applicant will be eligible to join the Universities' Superannuation Scheme. Further information regarding this scheme is available from [Payroll and Pensions](#).

### Relocation

Where applicable, the University offers a relocation package to support new employees who meet the eligibility criteria. The relocation package is offered as a contribution towards costs incurred, and is designed to be flexible, allowing staff to use the financial support available in the way that will be most helpful to them. Further details are outlined in the Relocation Policy.

### Interviews

Formal interviews for this post will be held on Thursday, 18 May 2023.

### Equality and Diversity

The University of Strathclyde is a socially progressive institution that strives to ensure equality of opportunity and celebrates the diversity of its student and staff community. Strathclyde is people-oriented and collaborative, offering a supportive and flexible working culture with a deep commitment to our equality, diversity and inclusion charters, initiatives, groups and networks.

We strongly encourage applications from Black, Asian and minority ethnicity, women, LGBT+, and disabled candidates and candidates from lower socio-economic groups and care-experienced backgrounds.

### University Values

The University's Values capture what we're all about: who we are, what we believe in and what we stand for. [Our Values](#) have been derived from how we act and how we expect to be treated as part of Strathclyde.

