

Programme Regulations: 2023/24

Programme Title:

Postgraduate Diploma in Marine Technology (Marine Engineering)

Codes:

3520P (September Entry)

3521P (January Entry)

Notes:

- i. *These programme regulations should be read in conjunction with the University's Taught Programme Regulations.*
- ii. *All optional modules are offered subject to the constraints of the timetable and to any restrictions on the number of students who may be taught on a particular module. Not all modules may be offered in all years and they are listed subject to availability.*
- iii. *A compulsory module is a module which a student must take.*
- iv. *All modules are delivered in Linear mode unless stated otherwise as Block, eLearning or distance learning.*

1. Programme Structure

- (a) The programme is available for study via distance learning. Each taught module will consist of 100 notional study hours, of which 35 hours will be the intensive school. Reading and course work will be prescribed for the non-intensive school part of the module. The normal minimum length of study is 24 months, with a maximum of 60 months, although this may be extended by the Board of Studies on the recommendation of the Degree Programme Director, by not more than twelve months at a time.
- (b) This is a modular degree jointly taught by Newcastle University (NCL), the University of Southampton (SOUTH) and University College London (UCL). The programme is designed to provide training at MSc level for recent graduates in full-time employment in industry.
- (c) The programme comprises modules to a credit value of 120.
- (d) All Candidates shall take the following compulsory modules:

| Code | Descriptive Title | Total Credits | Credits Sem 1 | Credits Sem 2 | Credits Sem 3 | Level | Mode |
|-------------|--|----------------------|----------------------|----------------------|----------------------|--------------|-------------|
| MAR8102 | Marine Project Management | 10 | 10 | | | 7 | Block |
| MAR8103 | Marine Systems Identification, Modelling & Control | 10 | | 10 | | 7 | Block |
| MAR8107 | Reliability and Integrity Management of Marine Systems | 10 | | 10 | | 7 | Block |

| | | | | | | | |
|---------|---|----|----|----|--|---|--------|
| MAR8108 | Structural and Materials Response to the Marine Environment | 10 | 10 | | | 7 | Block |
| MAR8112 | Marine Electrical and Electronic Systems | 10 | 10 | | | 7 | Block |
| MAR8137 | Maritime Economics | 10 | | 10 | | 7 | Block |
| MAR8194 | Postgraduate Diploma Dissertation | 40 | 20 | 20 | | 7 | Linear |

- (e) If a candidate does not have a background in Marine Technology, they may be required to undertake one or both of the following as compulsory foundation modules at the request of the Programme Director on application to the programme.

| <i>Code</i> | <i>Descriptive Title</i> | <i>Total Credits</i> | <i>Credits Sem 1</i> | <i>Credits Sem 2</i> | <i>Credits Sem 3</i> | <i>Level</i> | <i>Mode</i> |
|-------------|--------------------------|----------------------|----------------------|----------------------|----------------------|--------------|-------------|
| MAR8106 | Marine Engineering | 10 | | 10 | | 7 | Block |
| MAR8122 | Naval Architecture | 10 | | 10 | | 7 | Block |

- (f) All candidates who are not required to take compulsory foundation modules from (e) shall select optional modules to a total value of 120 credits from the list below.

| <i>Code</i> | <i>Descriptive Title</i> | <i>Total Credits</i> | <i>Credits Sem 1</i> | <i>Credits Sem 2</i> | <i>Credits Sem 3</i> | <i>Level</i> | <i>Mode</i> |
|-------------|---|----------------------|----------------------|----------------------|----------------------|--------------|-------------|
| MAR8104 | Optimisation in Engineering Design | 10 | 10 | | | 7 | Block |
| MAR8110 | Advanced Structural Design & Analysis | 10 | 5 | 5 | | 7 | Block |
| MAR8134 | Marine Renewable Energy: Sources and Recovery | 10 | | | 10 | 7 | Block |
| MAR8140 | Yacht Design | 10 | 10 | | | 7 | Block |
| SPG8009 | Renewable Energy: Policy, Politics and Ethics | 10 | 10 | | | 7 | Block |

2. Assessment methods

Details of the assessment pattern for each module are explained in the module outline.