

## Programme Regulations: 2021/22

### 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) Candidates who registered prior to January 2018 shall take the following compulsory modules:

<b>Code</b>	<b>Descriptive Title</b>	<b>Total Credits</b>	<b>Credits Sem 1</b>	<b>Credits Sem 2</b>	<b>Credits Sem 3</b>	<b>Level</b>	<b>Mode</b>
MAR8102	Marine Project Management	10	10			7	Block
MAR8107	Reliability and Integrity Management of Marine Systems	10		10		7	Block
MAR8108	Structural and Material Response to the Marine Environment	10	10			7	Block
MAR8194	PG Diploma Dissertation	40	20	20		7	Linear

(f) All candidates shall take the following module:

<b>Code</b>	<b>Descriptive Title</b>	<b>Total Credits</b>	<b>Credits Sem 1</b>	<b>Credits Sem 2</b>	<b>Credits Sem 3</b>	<b>Level</b>	<b>Mode</b>
MAR8137	Maritime Economics	10		10		7	Block

(g) 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.

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

(h) All candidates take the following modules.

<b>Code</b>	<b>Descriptive Title</b>	<b>Total Credits</b>	<b>Credits Sem 1</b>	<b>Credits Sem 2</b>	<b>Credits Sem 3</b>	<b>Level</b>	<b>Mode</b>
MAR8103	Marine Systems Identification, Modelling & Control	10			10	7	Block
MAR8112	Marine Electrical and Electronic Systems	10	5	5		7	Block

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

<b>Code</b>	<b>Descriptive Title</b>	<b>Total Credits</b>	<b>Credits Sem 1</b>	<b>Credits Sem 2</b>	<b>Credits Sem 3</b>	<b>Level</b>	<b>Mode</b>
MAR8104	Optimisation in Engineering Design	10		5	5	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

- (j) Candidates who registered after January 2018 shall take the following compulsory modules:

<b>Code</b>	<b>Descriptive Title</b>	<b>Total Credits</b>	<b>Credits Sem 1</b>	<b>Credits Sem 2</b>	<b>Credits Sem 3</b>	<b>Level</b>	<b>Mode</b>
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

- (k) 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

- (l) All candidates who are not required to take compulsory foundation modules from (k) 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.