

Programme Regulations: 2024/25

Programme Title:

Degree of Master of Science (MSc) in Marine Technology – Code: 5510P

Notes:

- i. These programme regulations should be read in conjunction with the University's Taught Programme Regulations.
- ii. A compulsory module is a module which a student must take.
- iii. 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.
- iv. Not all modules may be offered in all years and they are listed subject to availability.
- v. 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, starting in September.
- (b) The MSc Programme comprises modules to a credit value of 180.
- (c) 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.
- (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
MAR8106	Marine Engineering	10		10		7	Block
MAR8176	Fundamentals of Ship Science	10	10			7	Block
MAR8196	PG Dissertation	80		20	60	7	

- (e) All candidates studying for the MSc programme shall normally take 80 credits from the following optional 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
MAR8104	Optimisation in Engineering Design	10		10		7	Block

MAR8105	Working Craft Design	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
MAR8110	Advanced Structural Design & Analysis	10	10			7	Block
MAR8112	Marine Electrical and Electronic Systems	10	10			7	Block
MAR8134	Marine Renewable Energy: Sources and Recovery	10			10	7	Block
MAR8137	Maritime Economics	10		10		7	Block
MAR8140	Yacht Design	10		10		7	Block

2. Assessment methods

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

For the purpose of professional accreditation, the University's Education Committee has approved a variation in Postgraduate (Taught) Examination Convention to the effect that a candidate who passes all core modules and fails up to 20 credits of non-core modules is recommended, as of right, for the award of an appropriate Master's Degree or Postgraduate Diploma, provided that no mark is below 40 and the weighted average mark for all modules and non-module aggregated assessment is at least 50.

Candidates who only meet the requirements of the University's Taught Programme Regulations and Examination Conventions and not the requirements of accreditation will be awarded a non-accredited Master's degree.