

Programme Regulations: 2026/27

Programme Title:

Degree of Master of Science in Naval Architecture, Marine and Ocean Engineering- Code: 5497F

Degree of Master of Science in Naval Architecture, Marine and Ocean Engineering Science - Code: 5502F*

Notes:

- (i) *These programme regulations should be read in conjunction with the University's Postgraduate (Taught) Progress Regulations and Examination Conventions.*
- (ii) *A compulsory module is a module which a student is required to study.*
- (iii) *All modules are delivered in Linear mode unless stated otherwise as Block, eLearning or distance learning.*
- (iv) **The Master of Science in Engineering Science, is a non-accredited Masters degree title awarded where a candidate only meets the requirements of the University's Taught Programme Regulations and Examination Conventions and not the requirements of accreditation*

1. Programme structure

- (a) The programme is available for study in full-time mode.
- (b) The period of study for full-time mode shall be one year starting in September.
- (c) The programme comprises modules to a credit value of 180.
- (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 |
|---------|--|---------------|---------------|---------------|---------------|-------|--------|
| MAR8084 | Dissertation | 60 | 10 | | 50 | 7 | Linear |
| MAR8088 | Group Project | 20 | 10 | 10 | | 7 | Block |
| MAR8175 | Fundamentals of Marine Technology | 20 | 20 | | | 7 | Block |
| MAR8187 | Ship Performance and Advanced Technology | 20 | | 20 | | 7 | Block |
| MAR8189 | Experimental and Computational Modelling of Marine Systems | 20 | | 20 | | 7 | Block |

(e) Marine Engineering Stream

All candidates shall take the following compulsory modules:

| Code | Descriptive title | Total Credits | Credits Sem 1 | Credits Sem 2 | Credits Sem 3 | Level | Mode |
|---------|---------------------------------------|---------------|---------------|---------------|---------------|-------|-------|
| MEC8029 | Mechanical Power Transmission Systems | 20 | 20 | | | 7 | Block |
| MAR8185 | Marine Systems and Digitalisation | 20 | | 20 | | 7 | Block |

(f) Naval Architecture and Ocean Engineering Stream

All candidates shall take the following compulsory modules:

| Code | Descriptive title | Total Credits | Credits Sem 1 | Credits Sem 2 | Credits Sem 3 | Level | Mode |
|---------|---|---------------|---------------|---------------|---------------|-------|-------|
| MAR8190 | Structural and Risk Analysis of Ships and Offshore Energy Systems | 20 | 20 | | | 7 | Block |

| | | | | | | | |
|---------|-------------------------------------|----|--|----|--|---|-------|
| MAR8188 | Ocean Energy Systems Engineering | 20 | | 20 | | 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 Taught Programme Regulations 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.