

Programme Regulations: 2024/25

Programme Title:

Degree of Master of Science in Maritime Engineering - Code: 5497F

Degree of Master of Science in Maritime 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	5	5	50	7	Linear
MAR8088	Group Project	20	10	10		7	Block
MAR8175	Fundamentals of Marine Technology	20	20			7	Block
MAR8183	Commercial Awareness and Data Analytics	10		10		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
MAR8178	Advanced Marine Propulsion Technology	20		20		7	Block
MAR8184	Energy and Environmental Performance of Ships at Sea	10	10			7	Block
MAR8185	Marine Systems and Digitalisation	20		20		7	Block

(f) Naval Architecture 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
MAR8177	Structural Analysis of Ships and Offshore Energy Systems	20	20			7	Block

MAR8178	Advanced Marine Propulsion Technology	20		20		7	Block
MAR8179	Experimental and Computational Hydrodynamics	20		20		7	Block
MAR8184	Energy and Environmental Performance of Ships at Sea	10	10			7	Block

(g) Subsea Stream

All candidates shall take the following compulsory modules:

<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>
MAR8177	Structural Analysis of Ships and Offshore Energy Systems	20	20			7	Block
MAR8179	Experimental and Computational Hydrodynamics	20		20		7	Block
MAR8181	Dynamics of Offshore Fixed and Floating Foundations	10	10			7	Block
MAR8180	Subsea Structural Systems	20		20		7	Block

(h) Offshore Renewables Stream

All candidates shall take the following compulsory modules:

<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>
MAR8177	Structural Analysis of Ships and Offshore Energy Systems	20	20			7	Block
MAR8179	Experimental and Computational Hydrodynamics	20		20		7	Block
MAR8181	Dynamics of Offshore Fixed and Floating Foundations	10	10			7	Block
MAR8182	Offshore Renewables Energy Systems	20		20		7	Block

(i) General Stream

All candidates will follow the compulsory modules listed in (d) above and take a selection of optional modules totalling 70 credits from those listed above (e-h) on agreement with the Degree Programme Director.

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.