Programme Regulations 2023/24

Degree of Masters of Engineering with Honours in Marine Engineering - UCAS Codes: H507 (with Foundation Year J618)
Degree of Masters of Engineering with Honours in Marine Engineering Science – Code:1685U*
Degree of Masters of Engineering with Honours in Marine Engineering with Placement Year - Code: 1674U (Year 4)
Degree of Masters of Engineering with Honours in Marine Engineering Science with Placement Year - Code: CODE TBC*

Degree of Masters of Engineering with Honours in Naval Architecture - UCAS Code: H509 (with Foundation Year J618)
Degree of Masters of Engineering with Honours in Naval Architecture Science – Code:1686U**
Degree of Masters of Engineering with Honours in Naval Architecture with Placement Year - Code: 1676U
Degree of Masters of Engineering with Honours in Naval Architecture Science with Placement Year - Code: CODE TBC*

Degree of Masters of Engineering with Honours in Naval Architecture with specialisms in Offshore Engineering - Code 1678U
Degree of Masters of Engineering with Honours in Naval Architecture Science with specialisms in Offshore Engineering - Code 1687U*
Degree of Masters of Engineering with Honours in Naval Architecture with specialisms in Offshore Engineering with Placement Year – CODE TBC
Degree of Masters of Engineering with Honours in Naval Architecture Science with specialisms in Offshore Engineering with Placement Year – CODE TBC*

Degree of Masters of Engineering with Honours in Naval Architecture with specialisms in Small Craft Technology – Code 1680U
Degree of Masters of Engineering with Honours in Naval Architecture Science with specialisms in Small Craft Technology – Code 1688U*
Degree of Masters of Engineering with Honours in Naval Architecture with specialisms in Small Craft Technology with Placement Year – CODE TBC
Degree of Masters of Engineering with Honours in Naval Architecture Science with specialisms in Small Craft Technology with Placement Year – CODE TBC*

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 is required to study.*

(iv) *A core module is a module which a student must pass, and in which a fail mark may neither be carried nor compensated; such modules are designated by the board of studies as essential for progression to a further stage of the programme or for study in a further module.*

(v) *All modules are delivered in Linear mode unless stated otherwise as Block, eLearning or distance learning.*

(vi) ** Denotes non-accredited Honours degree titles that are awarded when a candidate only meets the requirements of the University's Taught Programme Regulations.*

See also:
Stage 0 (Foundation Year) for all Degrees of Bachelor of Engineering with Honours and Master of Engineering with Honours

1. Stage 0

Candidates who do not meet the requirements for entry into Stage 1 may with approval of the Degree Programme Director commence this degree programme at Stage 0 and shall proceed under the regulations relating to Stage 0.

2. Stage 1

All candidates shall take the following compulsory modules:

Code	*Descriptive Title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Type*
ENG1001	Engineering Mathematics I	20	10	10	4	Core
ENG1003	Electrical and Magnetic Systems	15	10	5	4	
ENG1004	Electronics and Sensors	10		10	4	
ENG1005	Thermofluid Mechanics	15	5	10	4	
ENG1006	Properties and Behaviour of Engineering Materials	15	15		4	
ENG1007	Mechanics I	15	5	10	4	
MAR1016	Marine Design and Professional Skills	30	10	20	4	

3. Stage 2

All candidates shall take the following compulsory modules:

Code	*Descriptive Title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Type*
ENG2011	Engineering Mathematics II	10	10		5	
ENG2029	AC Electrical Power and Conversion	10		10	5	
ENG2032	Business and Law for Engineers	10	5	5	5	
MAR2017	Further Naval Architecture	20	20		5	
MAR2018	Marine Engineering II	20	10	10	5	
MAR2019	Ship Hydrodynamics	20		20	5	
MAR2020	Applications of Engineering II	10		10	5	
MAR2021	Marine Structures I	20	10	10	5	

4. Stage 3

(a) All candidates shall take the following compulsory modules:

Code	*Descriptive Title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Type*
MAR3021	Marine Transport Business	10	10		6	
MAR3027	Future Marine Projects	10	5	5	6	
MAR3047	Marine Production Management	10		10	6	

(b) All candidates shall follow one of the streams (i) to (iv) below, subject to the approval of the Degree Programme Director. The Degree Programme Director may substitute up to 20 credits of other approved modules subject to satisfying timetabling or other constraints:

(i) **MEng with Honours in Marine Engineering (H507)**
All candidates shall take the following compulsory modules:

Code	*Descriptive Title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Type*
MAR3033	Marine Engineering Design	20	10	10	6	
MAR3037	Marine Engineering III	20	20		6	
MAR3038	Dynamic Modelling and Simulation	10	10		6	
MAR3043	Project and Report in Marine Engineering	40	15	25	6	

(ii) **MEng with Honours in Naval Architecture (H509)**
All candidates shall take the following compulsory modules:

Code	*Descriptive Title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Type*
MAR3034	Ship Design	20	10	10	6	
MAR3039	Marine Structures II	10	10		6	
MAR3040	Further Ship Hydrodynamics	20	20		6	
MAR3044	Project and Report in Naval Architecture	40	15	25	6	

(iii) **MEng with Honours in Naval Architecture with specialism in Offshore Engineering (1678U)**
All candidates shall take the following compulsory modules:

Code	*Descriptive Title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Type*
MAR3035	Offshore Design	20	10	10	6	
MAR3039	Marine Structures II	10	10		6	
MAR3041	Offshore Engineering	20	10	10	6	
MAR3045	Project and Report in Offshore Engineering	40	15	25	6	

(iv) **MEng with Honours in Naval Architecture with Specialism in Small Craft Technology (1680U)**
All candidates shall take the following compulsory modules:

Code	*Descriptive Title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Type*
MAR3036	Small Craft Design	20	10	10	6	
MAR3039	Marine Structures II	10	10		6	
MAR3040	Further Ship Hydrodynamics	20	20		6	
MAR3046	Project and Report in Small Craft Technology	40	15	25	6	

5. Year 4 (Career Service Placement Year Only) (1676U / XXXX / XXXX)

On completion of Stage 3 and before entering Stage 4, candidates may as part of their studies for the degree spend a year in a placement with an approved organisation. Permission to undertake a placement is subject to the approval of the Degree Programme Director. Students who are required to re-sit their Stage 3 assessment must delay the start of their placement until they have done so. Students who fail Stage 3 may not complete a placement year.

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Type*
NCL3000	Career Service Placement Year Module	120	60	60	6	

6. Stage 4

(a) All candidates shall take the following compulsory modules:

Code	*Descriptive Title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Type*
MAR8024	Ship Performance at Sea	10		10	7	Block
MAR8076	Commercial Awareness and Sustainable Business	10	10		7	Block
MAR8498	Group Project and Report	50	30	20	7	Linear

(b) All candidates shall follow one of the streams (i) to (iii) below, for which they are registered.

(i) **MEng with Honours in Marine (H507 / 1674U)**
All candidates shall take the following compulsory modules:

Code	*Descriptive Title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Type*
MAR8065	Marine Power Systems	20	20		7	Block
MAR8066	Asset Management in Marine Engineering	10		10	7	Block
MAR8067	Marine Machinery Systems	20		20	7	Block

(ii) **MEng with Honours in Naval Architecture (H509 / 1676U) and MEng with Honours in Naval Architecture with Specialism in Small Craft Technology (1680U / XXXX)**
All candidates shall take the following compulsory modules:

Code	*Descriptive Title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Type*
MAR8038	High Speed and Advanced Craft	10		10	7	Block
MAR8068	Advanced Hydrodynamics	10		10	7	Block
MAR8069	Advanced Naval Architecture	10		10	7	Block
MAR8073	Advanced Marine Structures	20	20		7	Block

(iii) **MEng with Honours in Naval Architecture with Specialism in Offshore Engineering (1678U / XXXX)**
All candidates shall take the following compulsory modules:

Code	*Descriptive Title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Type*
MAR8051	Marine Risers, Umbilicals and Mooring Lines	10		10	7	Block
MAR8068	Advanced Hydrodynamics	10		10	7	Block

MAR8073	Advanced Marine Structures	20	20		7	Block
MAR8093	Dynamics of Offshore Installations	10		10	7	Block

7. Assessment methods

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

8. Compensation and Condonement

For students entering the programme in 2021/22 onwards, the Engineering Council's policy on compensation and condonement will apply to marks awarded for modules at all stages, to satisfy accreditation requirements. To be awarded an accredited honours degree, only a maximum of 30 credits can be compensated over the duration of the degree programme, where the final mark is up to 5 percentage points below the pass mark. Core modules cannot be compensated. Individual projects and group projects worth more than 20 credits cannot be compensated.

There is no condonement of modules delivering Accreditation of Higher Education Programmes (AHEP) learning outcomes.

Any student not satisfying the accreditation requirements, but satisfying the University's Degree and Assessment regulations, will have the opportunity to be awarded a non-accredited honours degree with its classification based on the overall final stage averages beyond stage one.

9. Degree classification

Candidates will be assessed for degree classification on the basis of all the modules taken at Stages 2, 3 and 4 with the weighting of the stages being 1:3:3 for Stage 2, Stage 3 and Stage 4 respectively.