

FACULTY OF ENGINEERING

DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING

SHIP AND OFFSHORE STRUCTURES

Master of Science in Ship and Offshore Structures
Postgraduate Diploma in Ship and Offshore Structures
Postgraduate Certificate in Ship and Offshore Structures

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes are available by full-time and part-time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits including a group project
 - iii. for the degree of MSc no fewer than 180 credits including an individual project

Compulsory Modules

Module Code	Module Title	Level	Credits
NM975	Computational Free Surface Hydrodynamics	5	10
NM873	Dynamics of Fixed and Floating Offshore Structures	5	10
NM962	Advanced Marine Structures	5	10
NM960	Finite Element Analysis of Floating Structures	5	10
NM961	Design and Construction of FPSOs	5	10
NM842	Offshore Structural Integrity	5	10
NM916	System Availability and Maintenance	5	10

Students for the Postgraduate Diploma and degree of MSc only:

Module Code	Module Title	Level	Credits
NM839	Group Design Project	5	40

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
NM965	Individual Project	5	60

Optional Modules

10 credits chosen from:

Module Code	Module Title	Level	Credits
NM843	Risk and Reliability Engineering	5	10
NM969	Renewable Marine Energy Systems	5	10

Exceptionally, such other modules totalling no more than 20 credits, as approved by the Programme Leader. Students who have previously completed any module from the list of compulsory modules will be required to undertake an appropriate alternative as approved by the Programme Leader.

Not all optional modules will necessarily be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Examination, Progress and Final Assessment

5. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
6. The final award will be based on performance in the examinations, coursework, and the Individual Project where undertaken.

Award

7. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Ship and Offshore Structures a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Individual Project NM965.
8. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Ship and Offshore Structures, a candidate must have accumulated no fewer than 120 credits of which 40 must have been awarded in respect of the Group Project.
9. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Ship and Offshore Structures, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.