

Programme Regulations Academic Year 2022/2023

Joint Degree Programme between Singapore Institute of Technology (SIT) and Newcastle University (NU) leading to Degree of Bachelor of Engineering with Honours in Naval Architecture and Marine Engineering

Programme Code: 1808U

1. The programme consists of 180 credits. One credit at SIT is equivalent to two credits at Newcastle University.
2. The programme is taught over nine trimesters.
3. On successful completion of the programme students will receive a joint award from Newcastle University and Singapore Institute of Technology.
4. The joint programme is assessed on an A-F letter grade and associated 5.0 - 0 grade point scale.
5. A D Grade with corresponding grade point of 1.0 is a pass grade.
6. Students have a 5-year maximum candidature to complete their programme. Students will have a maximum of one re-sit for examinations/re-submission for continuous assessment and one re-module attempt per module, unless a successful Personal Extenuating Circumstances (PEC) application is made.
7. Students should attain at least a 2.0 Cumulative GPA (CGPA) after each trimester in order to maintain good academic standing.

After each study trimester and/or consecutive trimester, the joint Board of Examiners will track the academic standing of students with CGPA < 2.0 and issue the students with the following:

- Academic Warning – in any study trimester, CGPA < 2.0
- Academic Probation – in the next consecutive study trimester, CGPA < 2.0
- Academic Termination – in the 3rd consecutive study trimester, CGPA < 2.0

8. Students obtaining an F grade or grade point of 0 in any module will be entitled to one resit/re-submission as of right.

If the failed module is a pre-requisite for a higher-level module, the student will not be able to take the higher-level module until the pre-requisite of the previous module has been met.

If the student fails the re-sit, a single re-module attempt will be offered at the next available opportunity.

9. Students obtaining an F grade undertaking a re-sit/re-submission attempt will have their grade point capped at 1.00 for the calculation of the CGPA

10. Students obtaining a D+/D or F grade have the option to undertake a re-module attempt and the grade point will be capped at 2.00 for the calculation of the CGPA.

For students who have a number of D+/D/F grades the Board of Examiners should see their complete profile for the academic year to ensure that the Board has the full information to allow them to make an informed decision on whether or not to allow progression to the next trimester or require the student to pause their studies to improve their situation. This will also allow the Board to see where students have used up their one single re-sit and one single re-module attempt after which they will be unable to progress on the programme.

Candidates will normally undertake the following programme of study:

Year 1

Module Code	Module Title	Module Type	ECTS Credits	FHEQ Level	Trimester	Module Lead
UDC1001	Digital Competency Essentials	Compulsory	2	N.A	1	SIT
ENG1001	Engineering Mathematics 1	Compulsory	6	4	1	SIT
NME1103	Marine Materials	Compulsory	6	4	1	SIT
NME1105	Marine Engineering 1A	Compulsory	6	4	1	NU
NME1107	Naval Architecture 1A	Compulsory	6	4	1	NU
NME3101A	Integrated Work Study Programme (Career Skills)	Compulsory	0	N.A	1, 2 & 3	SIT
UCS1001	Critical Thinking & Communicating	Compulsory	4	N.A	2	SIT
UDE1001	Introduction to Design Innovation	Compulsory	2	N.A	2	SIT
ENG1002	Engineering Mathematics 2	Compulsory	6	4	2	SIT
NME1106	Marine Engineering 1B	Compulsory	6	4	2	NU
NME1108	Naval Architecture 1B	Compulsory	6	4	2	NU
NME1109	Marine Mechanics	Compulsory	6	4	2	NU
UDE2001	Interdisciplinary Design Innovation	Compulsory	4	N.A	3	Joint SIT (3 credits) NU (3 credits)
NME1102	Electrical Engineering	Compulsory	6	4	3	SIT
NME2102	Production and Business Management	Compulsory	6	5	3	SIT

Year 2

Module Code	Module Title	Module Type	ECTS Credits	FHEQ Level	Trimester	Module Lead
NME2101	Analytical Methods	Compulsory	6	5	1	SIT
NME2103	Marine Engineering 2	Compulsory	6	5	1	SIT
NME2105	Marine Structures 1A	Compulsory	6	5	1	NU
NME2107	Ship Resistance	Compulsory	6	5	1	NU
NME2109	Naval Architecture 2	Compulsory	6	5	1	NU
NME3101A	Integrated Work Study Programme (Career Skills)	Compulsory	0	N.A	1	SIT
USI2001	Social Innovation Project	Compulsory	3	N.A	2	SIT
NME2104	Marine Propulsion	Compulsory	6	5	2	NU
NME2106	Marine Structures 1B	Compulsory	6	5	2	NU
NME3104	Marine Transport Business	Compulsory	6	6	2	SIT
Marine Engineering						
NME2110	Marine Electrical Engineering	Elective	6	5	2	NU
Naval Architecture & Offshore Engineering						
NME2112	Marine Dynamics	Elective	6	5	2	NU
NME3101B	Integrated Work Study Programme (IWSP, Work Attachment)	Compulsory	10	N.A	3	SIT

Year 3

Module Code	Module Title	Module Type	ECTS Credits	FHEQ Level	Trimester	Module Lead
NME3101B	Integrated Work Study Programme (IWSP, Work Attachment)	Compulsory	10	N.A	1	SIT
NME3103	Capstone Project	Compulsory	4	6	1	NU
NME3103	Capstone Project	Compulsory	6	6	2	NU
Marine Engineering						
NME3102	Internal Combustion Engines	Elective	6	6	2	NU
NME3105	Marine Engineering 3	Elective	6	6	2	SIT
NME3106	Dynamic Modelling and Simulation	Elective	6	6	2	NU
NME3111	Marine Engineering Design	Elective	3	6	2	SIT
Naval Architecture						
NME3107	Marine Structures 2	Elective	6	6	2	SIT
NME3109	Advanced Ship and Offshore Hydrodynamics	Elective	6	6	2	NU
NME3108	Advanced Resistance and Propulsion	Elective	6	6	2	NU
NME3112	Ship Design	Elective	3	6	2	SIT
Offshore Engineering						
NME3107	Marine Structures 2	Elective	6	6	2	SIT
NME3109	Advanced Ship and Offshore Hydrodynamics	Elective	6	6	2	NU
NME3110	Offshore Renewables	Elective	6	6	2	NU
NME3113	Offshore Engineering Design	Elective	3	6	2	SIT

Students will undertake the Overseas Immersion Programme (OIP) in Year 1, Trimester 3.

1. Assessment methods

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

2. Degree classification

Degree classifications are based upon all 180 credits and the CGPA attained by students at the end of the programme.

Full details of the classifications and how these are calculated can be found in the SIT-NU Joint Academic Guide.