

2020 Study Plan Template

Bachelor of Engineering (Maritime) (Honours)

Please note that this document is provided as a guide only. Students are responsible for ensuring that they have completed 144 units of study according to the official course rule available at <https://students.flinders.edu.au/my-course/course-rules/undergrad/bengmrh>. The Bachelor of Engineering (Maritime) (Honours) is offered as part of a collaborative agreement between Flinders University and the University of Tasmania. The first two years of the award will be taken at Flinders University.

Students are responsible for planning their Core and Option Topics ahead to ensure they meet the topic prerequisites.

A list of all topics, including topic prerequisite information and alternate study period availabilities, is available at [Topics 2020](#).

Semester 1, 2020 start:

Year 1	S1	ENGR1401 Professional Skills (4.5 units)	ENGR1711 Engineering Design (4.5 units)	ENGR1732 Engineering Mechanics (4.5 units)	MATH1121 Mathematics 1A (4.5 units)
	S2	ENGR1201 Electronics (4.5 units)	ENGR1721 Engineering Programming (4.5 units)	ENGR1722 Engineering Physics and Materials (4.5 units)	MATH1122 Mathematics 1B (4.5 units)
Year 2	S1	ENGR2711 Engineering Mathematics (4.5 units)	ENGR2741 Mechanics and Structures (4.5 units)	ENGR2751 Fluid Mechanics (4.5 units)	ENGR2776 Hydrostatics (4.5 units)
	NS1	ENGR2703 Mechanical Practice Certificate (0 units)			
	S2	ENGR2722 Analysis of Engineering Systems	ENGR2771 Dynamics (4.5 units)	PHYS2712 Thermodynamics and Energy Systems (4.5 units)	^Plus one of: ENGR2766 Ship Design and Construction (4.5 units) or ENGR2768 Offshore Engineering (4.5 units)

*[ENGR3781](#) Elements of Shipboard Safety (ESS) Certificate (0 units) – semester availability to be confirmed.

Year 3 and 4

Students will take Third and Fourth Year at the Australian Maritime College, University of Tasmania and will follow the appropriate program of study outlined on the [University of Tasmania website](#) .

Semester 2, 2020 start:

Year 1	S2	ENGR1201 Electronics (4.5 units)	ENGR1721 Engineering Programming (4.5 units)	ENGR1732 Engineering Mechanics (4.5 units)	MATH1121 Mathematics 1A (4.5 units)
	S1	ENGR1401 Professional Skills (4.5 units)	ENGR1711 Engineering Design (4.5 units)	ENGR1732 Engineering Mechanics (4.5 units)	MATH1122 Mathematics 1B (4.5 units)
Year 2	S2	ENGR2722 Analysis of Engineering Systems	ENGR2771 Dynamics (4.5 units)	PHYS2712 Thermodynamics and Energy Systems (4.5 units)	^Plus one of: ENGR2766 Ship Design and Construction (4.5 units) or ENGR2768 Offshore Engineering (4.5 units)
	NS1	ENGR2703 Mechanical Practice Certificate (0 units)			
	S1	ENGR2711 Engineering Mathematics (4.5 units)	ENGR2741 Mechanics and Structures (4.5 units)	ENGR2751 Fluid Mechanics (4.5 units)	ENGR2776 Hydrostatics (4.5 units)

*[ENGR3781](#) Elements of Shipboard Safety (ESS) Certificate (0 units) – semester availability to be confirmed.

Year 3 and 4

Students will take Third and Fourth Year at the Australian Maritime College, University of Tasmania and will follow the appropriate program of study outlined on the [University of Tasmania website](#) .

Key:	
Core Topic	Compulsory topic
Option Topic	A choice from a list of specified topics