

# 2022 Study Plan Master of Marine Engineering – Semester 2 Start

## Submarine Specialisation

Year 1				
S2	Marine Engineering Elective (see elective table) <input type="checkbox"/>	Marine Engineering Elective (see elective table) <input type="checkbox"/>	Marine Engineering Elective (see elective table) <input type="checkbox"/>	
Year 2				
Summer	#MECH ENG 7056 Systems Engineering I <input type="checkbox"/>			
S1	#MECH ENG 7042 Introduction to Submarine Design <input type="checkbox"/>	MECH ENG 7046 Submarine Design <input type="checkbox"/>	MECH ENG 7049A Marine Engineering Research Project Part A (6 units) <input type="checkbox"/>	
S2	Marine Engineering Elective (see elective table) <input type="checkbox"/>	Marine Engineering Elective (see elective table) <input type="checkbox"/>	MECH ENG 7049B Marine Engineering Research Project Part B (6 units) <input type="checkbox"/>	

## Surface Ship Specialisation

Year 1				
S2	#MECH ENG 7048 Introduction to Naval Ship Engineering <input type="checkbox"/>	#MECH ENG 7065 Naval Ship Engineering <input type="checkbox"/>	Marine Engineering Elective (see elective table) <input type="checkbox"/>	
Year 2				
Summer	#MECH ENG 7056 Systems Engineering I <input type="checkbox"/>			
S1	Marine Engineering Elective (see elective table) <input type="checkbox"/>	Marine Engineering Elective (see elective table) <input type="checkbox"/>	MECH ENG 7049A Marine Engineering Research Project Part A (6 units) <input type="checkbox"/>	
S2	Marine Engineering Elective (see elective table) <input type="checkbox"/>	Marine Engineering Elective (see elective table) <input type="checkbox"/>	MECH ENG 7049B Marine Engineering Research Project Part B (6 units) <input type="checkbox"/>	

Core Course	Elective (see table)
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### NOTES

# Intensive mode courses

**Program Rules:** For academic program rules please refer to the following website:  
<https://calendar.adelaide.edu.au/faculty/ecms>

### Information and Enrolment Advice:

Ask ECMS

Email: [askecms@adelaide.edu.au](mailto:askecms@adelaide.edu.au)

Website: <https://ecms.adelaide.edu.au/study-with-us/student-support>

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### Marine Engineering Electives

Marine Engineering Electives				
<b>S1</b>	APP MTH 7075	Fluid Mechanics	<b>S2</b>	
	ELEC ENG 7015	<del>Adaptive Signal Processing (not offered 2022)</del>		
	ELEC ENG 7046	Power Quality & Fault Diagnosis		<del>CHEM ENG 7047</del>
	ELEC ENG 7069	Electric Energy Systems		COMP SCI 7076
	ELEC ENG 7082	Principles of Control Systems		ELEC ENG 7033
	MECH ENG 7020	Materials Selection & Failure Analysis		ELEC ENG 7049
	MECH ENG 7021	Combustion Technologies & High Temperature Processes		ELEC ENG 7055
	MECH ENG 7024	Robotics M		ENG 7020
	MECH ENG 7026	Advanced Topics in Fluid Mechanics		<del>MECH ENG 7023</del>
	MECH ENG 7030	Advanced Vibrations		MECH ENG 7028
	MECH ENG 7045	CFD for Engineering Applications		MECH ENG 7029
	MECH ENG 7053	Aerospace Propulsion		<del>MECH ENG 7043</del>
	MECH ENG 7059	Finite Element Analysis of Structures		MECH ENG 7044
	MECH ENG 7066	Aeronautical Engineering		MECH ENG 7062
	MECH ENG 7067	Advanced Mechanics of Materials		MECH ENG 7063
	MECH ENG 7070	Heat Transfer & Thermodynamics		MECH ENG 7068
	MECH ENG 7071	Mechatronics II		MECH ENG 7072
	MECH ENG 7077	Submarine Naval Architecture Maritime Engineering		MECH ENG 7073
	MECH ENG 7078	Submarine Programs for Industry & Defence Managers		MECH ENG 7077
	MECH ENG 7080	Modern Control Systems		MECH ENG 7078
MECH ENG 7164	Renewable Power Technologies	MECH ENG 7111		
<b>SUM</b>	MECH ENG 7025	Topics in Welded Structures	Other Electives may be chosen from another University (up to 6 units), see the academic program rules at: <a href="https://calendar.adelaide.edu.au/faculty/ecms">https://calendar.adelaide.edu.au/faculty/ecms</a>	
	MECH ENG 7027	Engineering Acoustics		