

Submarine Specialisation

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

Surface Ship Specialisation

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

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

Marine Engineering Electives

Marine Engineering Electives					
S1	APP MTH 7075	Fluid Mechanics	S2		
	ELEC ENG 7015	Adaptive Signal Processing (not offered 2022)		CHEM ENG 7047	Composite & Multiphase Polymers (not offered 2022)
	ELEC ENG 7046	Power Quality & Fault Diagnosis		COMP SCI 7076	Distributed Systems
	ELEC ENG 7069	Electric Energy Systems		ELEC ENG 7033	Principles of RF Engineering
	ELEC ENG 7082	Principles of Control Systems		ELEC ENG 7049	Power Electronics Systems
	MECH ENG 7020	Materials Selection & Failure Analysis		ELEC ENG 7055	Antennas & Propagation
	MECH ENG 7021	Combustion Technologies & High Temperature Processes		ENG 7020	Complex Systems Engineering PG
	MECH ENG 7024	Robotics M		MECH ENG 7023	Fracture Mechanics (not offered 2022)
	MECH ENG 7026	Advanced Topics in Fluid Mechanics		MECH ENG 7028	Advanced PID Control
	MECH ENG 7030	Advanced Vibrations		MECH ENG 7029	Airconditioning
	MECH ENG 7045	CFD for Engineering Applications		MECH ENG 7043	Stresses in Plates & Shells (not offered 2022)
	MECH ENG 7053	Aerospace Propulsion		MECH ENG 7044	Biomechanical Engineering
	MECH ENG 7059	Finite Element Analysis of Structures		MECH ENG 7062	Aircraft Design
	MECH ENG 7066	Aeronautical Engineering		MECH ENG 7063	Advanced Topics in Aerospace Engineering
	MECH ENG 7067	Advanced Mechanics of Materials		MECH ENG 7068	Applied Aerodynamics
	MECH ENG 7070	Heat Transfer & Thermodynamics		MECH ENG 7072	Micro-Controller Programming
	MECH ENG 7071	Mechatronics II		MECH ENG 7073	Space Vehicle Design
	MECH ENG 7077	Submarine Naval Architecture Maritime Engineering		MECH ENG 7077	Submarine Naval Architecture Maritime Engineering
	MECH ENG 7078	Submarine Programs for Industry & Defence Managers		MECH ENG 7078	Submarine Programs for Industry & Defence Managers
MECH ENG 7080	Modern Control Systems	MECH ENG 7111	Acoustics and Vibrations		
MECH ENG 7164	Renewable Power Technologies				
SUM	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: https://calendar.adelaide.edu.au/faculty/ecms		
	MECH ENG 7027	Engineering Acoustics			