

Year 1			
S2	MECH ENG 7068 Applied Aerodynamics <input type="checkbox"/>	MECH ENG 7111 Acoustics and Vibrations <input type="checkbox"/>	ENG 7057 Communication & Critical Thinking <input type="checkbox"/>
			MATHS 7025 Research Methods and Statistics <input type="checkbox"/>
Year 2			
S1	MECH ENG 7070 Heat Transfer & Thermodynamics <input type="checkbox"/>	MECH ENG 7067 Advanced Mechanics of Materials <input type="checkbox"/>	PROJMGNT 5021 Project Management Fundamentals <input type="checkbox"/>
			Mechanical Engineering Elective A (see elective table) <input type="checkbox"/>
S2	ENG 7001A Research Project Part A (6 units) <input type="checkbox"/>		ELEC ENG 7164 Business Management Systems <input type="checkbox"/>
			Mechanical Engineering Elective A or B (see elective table) <input type="checkbox"/>
Year 3			
S1	ENG 7001B Research Project Part B (6 units) <input type="checkbox"/>		Mechanical Engineering Elective A (see elective table) <input type="checkbox"/>
			Mechanical Engineering Elective A or B (see elective table) <input type="checkbox"/>

Core Courses	Foundation Courses	Elective (see table)
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Aerospace Engineering Elective A					
S1	MECH ENG 7026 Advanced Topics in Fluid Mechanics		S2	MECH ENG 7023 Fracture Mechanics (<i>not offered 2022</i>)	
	MECH ENG 7059 Finite Element Analysis of Structures			MECH ENG 7030 Advanced Vibrations	
Aerospace Engineering Elective B					
S1	MECH ENG 7020 Materials Selection & Failure Analysis		S2	CHEM ENG 7047 Composite & Multiphase Polymers (<i>not offered 2022</i>)	
	MECH ENG 7021 Combustion Technologies & High Temperature Processes			ENG 7020 Complex Systems Engineering PG	
	MECH ENG 7045 CFD for Engineering Applications			MECH ENG 7028 Advanced PID Control	
	MECH ENG 7080 Modern Control Systems			MECH ENG 7029 Air conditioning	
	MECH ENG 7164 Renewable Power Technologies			MECH ENG 7043 Stresses in Plates & Shells (<i>not offered 2022</i>)	
				MECH ENG 7044 Biomechanical Engineering	
SUM	MECH ENG 7025 Topics in Welded Structures				
	MECH ENG 7027 Engineering Acoustics				

NOTES

Internship: Master of Engineering students are required to complete 12 weeks of internship during the course of their studies, with a minimum of 6 weeks under the supervision of a professional engineer. Students who have previously completed an approved 12 week period of internship as part of their undergraduate studies at the University of Adelaide are exempt from this requirement. Internships are self-sourced and further information can be found on the Engineering Internships web page: <https://ecms.adelaide.edu.au/study-with-us/student-support/internships/engineering>.

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>