

Year 1			
S2	MECH ENG 7068 Applied Aerodynamics <input type="checkbox"/>	MECH ENG 7073 Space Vehicle Design <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 7066 Aeronautical Engineering <input type="checkbox"/>	MECH ENG 7067 Advanced Mechanics of Materials <input type="checkbox"/>	PROJMGNT 5021 Project Management Fundamentals <input type="checkbox"/>
			Aerospace 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"/>
			Aerospace 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"/>		Aerospace Engineering Elective A (see elective table) <input type="checkbox"/>
			Aerospace 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 7020 Materials Selection & Failure Analysis		S2
	MECH ENG 7053 Aerospace Propulsion		MECH ENG 7030 Advanced Vibrations
			<del>MECH ENG 7043</del> <del>Stresses in Plates &amp; Shells (not offered 2022)</del>
			MECH ENG 7062 Aircraft Design
			MECH ENG 7063 Advanced Topics in Aerospace Engineering
Aerospace Engineering Elective B			
S1	MECH ENG 7021 Combustion Technologies & High Temperature Processes		S2
	MECH ENG 7026 Advanced Topics in Fluid Mechanics		<del>CHEM ENG 7047</del> <del>Composite &amp; Multiphase Polymers (not offered 2022)</del>
	MECH ENG 7045 CFD for Engineering Applications		<del>MECH ENG 7023</del> <del>Fracture Mechanics (not offered 2022)</del>
	MECH ENG 7059 Finite Element Analysis of Structures		MECH ENG 7028 Advanced PID Control
	MECH ENG 7080 Modern Control Systems		
SUM	MECH ENG 7027 Engineering Acoustics		
	MECH ENG 7056 Systems Engineering 1		

## 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](mailto:askecms@adelaide.edu.au)

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