

Year 1			
S2	MECH ENG 7072 Microcontroller Programming <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 7071 Mechatronics II <input type="checkbox"/>	PROJMGNT 5021 Project Management Fundamentals <input type="checkbox"/>
			Mechatronic 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"/>
			Mechatronic Engineering Elective A (see elective table) <input type="checkbox"/>
Year 3			
S1	ENG 7001B Research Project Part B (6 units) <input type="checkbox"/>		Mechatronic Engineering Elective A or B (see elective table) <input type="checkbox"/>
			Mechatronic Engineering Elective A or B (see elective table) <input type="checkbox"/>

Core Courses	Foundation Courses	Elective (see table)
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Mechatronic Engineering Elective A					
S1	ELEC ENG 7015	Adaptive Signal Processing (not offered in 2022)	S2	ENG 7020	Complex Systems Engineering PG
	MECH ENG 7024	Robotics M		ELEC ENG 7049	Power Electronics Systems
	MECH ENG 7080	Modern Control Systems		ELEC ENG 7060	Image Sensors & Processing
			ELEC ENG 7075	Distributed Generation Technologies	
			MECH ENG 7028	Advanced PID Control	
Mechatronic Engineering Elective B					
S1	MECH ENG 7020	Materials Selection & Failure Analysis	S2	ELEC ENG 7033	Principles of RF Engineering
	MECH ENG 7164	Renewable Power Technologies		ENG 7020	Complex Systems Engineering
				MECH ENG 7029	Airconditioning
				MECH ENG 7030	Advanced Vibrations
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

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