

Master of Engineering (Mechatronic)

Year 1				
S1	MECH ENG 7070 Heat Transfer & Thermodynamics <input type="checkbox"/>	MECH ENG 7071 Mechatronics II <input type="checkbox"/>	ELEC ENG 7057 Engineering Communication & Critical Thinking <input type="checkbox"/>	PROJMGNT 5021 Project Management Fundamentals <input type="checkbox"/>
S2	MECH ENG 7072 Microcontroller Programming <input type="checkbox"/>	MECH ENG 7047 Dynamics & Control II <input type="checkbox"/>	ELEC ENG 7164 Business Management Systems <input type="checkbox"/>	MATHS 7025 Research Methods and Statistics <input type="checkbox"/>
Year 2				
S1	MECH ENG 7041A Masters Project Part 1 (6 units) <input type="checkbox"/>	Engineering Elective <input type="checkbox"/>	Engineering Elective <input type="checkbox"/>	Engineering Elective <input type="checkbox"/>
S2	MECH ENG 7041B Masters Project Part 2 (6 units) <input type="checkbox"/>	Engineering Elective <input type="checkbox"/>	Engineering Elective <input type="checkbox"/>	Engineering Elective <input type="checkbox"/>

Core Courses Foundation Courses

*Students must choose at least two electives denoted with an asterisk. Advanced standing does not count towards the two course minimum requirement.

For a complete list of courses that constitute the program, including majors, please refer to the academic program rules website: <https://calendar.adelaide.edu.au/faculty/ecms>

Further Information and Enrolment Advice

Faculty of Engineering, Computer and Mathematical Sciences

Email: askecms@adelaide.edu.au

www.ecms.adelaide.edu.au

Engineering Electives Table

CHOOSE FROM THE FOLLOWING ELECTIVES								
SEMESTER 1	MECH ENG 7028 Advanced PID Control *	<input type="checkbox"/>	MECH ENG 7024 Robotics M *	<input type="checkbox"/>	MECH ENG 7020 Materials Selection & Failure Analysis	<input type="checkbox"/>	<input type="checkbox"/>	
	ELEC ENG 7015 Adaptive Signal Processing *	<input type="checkbox"/>	MECH ENG 7030 Advanced Vibrations	<input type="checkbox"/>	ELEC ENG 7060 Image Sensors & Processing *	<input type="checkbox"/>	<input type="checkbox"/>	
SEMESTER 2	MECH ENG 7034 Advanced Digital Control *	<input type="checkbox"/>	MECH ENG 7029 Airconditioning	<input type="checkbox"/>	ELEC ENG 7049 Power Electronic Systems *	<input type="checkbox"/>	ELEC ENG 7033 Principles of RF Engineering	<input type="checkbox"/>
	ELEC ENG 7075 Distributed Generation Technologies *	<input type="checkbox"/>						
SUMMER	MECH ENG 7027 Engineering Acoustics	<input type="checkbox"/>		<input type="checkbox"/>				