

Master of Engineering (Aerospace)

Year 1				
S1	MECH ENG 7066 Aeronautical Engineering <input type="checkbox"/>	MECH ENG 7067 Advanced Mechanics of Materials <input type="checkbox"/>	ELEC ENG 7057 Engineering Communication & Critical Thinking <input type="checkbox"/>	PROJMGNT 5021 Project Management Fundamentals <input type="checkbox"/>
S2	MECH ENG 7068 Applied Aerodynamics <input type="checkbox"/>	MECH ENG 7073 Space Vehicle Design <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"/>	Aerospace Engineering Elective A (see elective table) <input type="checkbox"/>	Aerospace Engineering Elective A or B (see elective table) <input type="checkbox"/>	
S2	MECH ENG 7041B Masters Project Part 2 (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 MECH ENG 7053	Materials Selection & Failure Analysis Aerospace Propulsion	S2	MECH ENG 7030 MECH ENG 7043 MECH ENG 7062 MECH ENG 7063	Advanced Vibrations Stresses in Plates & Shells (not offered 2021) Aircraft Design Advanced Topics in Aerospace Engineering
Aerospace Engineering Elective B					
S1	MECH ENG 7021 MECH ENG 7026 MECH ENG 7045 MECH ENG 7059	Combustion Technology & Emissions Control Advanced Topics in Fluid Mechanics CFD for Engineering Applications Finite Element Analysis of Structures	S2	MECH ENG 7023 MECH ENG 7028 MECH ENG 7034	Fracture Mechanics (not offered 2021) Advanced PID Control Advanced Digital Control
SUM	MECH ENG 7027	Engineering Acoustics			

NOTES

Practical Experience: A total of 12 weeks practical experience approved by the Faculty and of which a minimum 6 weeks should be under the supervision of a professional engineer. Students who have previously completed an approved 12 week period of practical experience are exempt from this requirement.

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>