



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

CREATE CHANGE

Materials & Manufacturing Engineering

Master of Engineering



Recommended Study Plan

This study plan is a guide only for students commencing the Master of Engineering (Materials & Manufacturing Engineering) in 2021. Please note that all course selections must adhere to the program course list outlined at [UQ Courses and Programs](#). If you have any questions or concerns regarding your course selections, please speak with an [Academic Advisor](#) in the School of Mechanical and Mining Engineering.

Semester 1 Commencement

SEM YEAR 1				
Sem 1 Feb	ENGG7901 Prof. Engineering & the Business Environment: Global Practice	MECH3300 Finite Element Method & Fracture Mechanics	Elective	Elective
Sem 2 July	ENGG7902 Engineering Innovation & Leadership	AERO4300 Aerospace Composites	MATE6301 Nanomaterials	MECH3301 Materials Selection
SEM YEAR 2				
Sem 1 Feb	ENGG7381 Engineering Project 8A		MATE7001 Environmental Performance of Materials	MATE7013 Advanced Manufacturing
Sem 2 July			MATE7015 Additive Manufacturing	Elective

Electives

[CHEE3301](#) Polymer Engineering
[CHEE4305](#) Biomaterials: Materials in Medicine
[ENGG4103](#) Engineering Asset Management

[MATE7014](#) Advanced Materials Characterisation
[MATE7016](#) Materials for Energy Conversion and Storage
[MECH4304](#) Net Shape Manufacturing

Semester 2 Commencement

SEM YEAR 1				
Sem 2 July	ENGG7902 Engineering Innovation & Leadership	AERO4300 Aerospace Composites	MATE6301 Nanomaterials	MECH3301 Materials Selection
Sem 1 Feb	ENGG7901 Prof. Engineering & the Business Environment: Global Practice	MECH3300 Finite Element Method & Fracture Mechanics	Elective	Elective
SEM YEAR 2				
Sem 2 July	ENGG7382 Engineering Project 8A		MATE7015 Additive Manufacturing	Elective
Sem 1 Feb			MATE7001 Environmental Performance of Materials	MATE7013 Advanced Manufacturing

Electives

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