



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

CREATE CHANGE

Materials & Manufacturing Engineering

Master of Engineering Science



Recommended Study Plan

This study plan is a guide only for students commencing the Master of Engineering Science in 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	4 UNIT PROJECT		
Sem 1 Feb	ENGG7341 Engineering Project 4A	ENGG7901 Prof. Engineering & the Business Environment	Elective	Elective
Sem 2 July		ENGG7902 Engineering Innovation & Leadership	Elective	Elective

OR

SEM	YEAR 1	8 UNIT PROJECT		
Sem 1 Feb	ENGG7381 Engineering Project 8A	ENGG7901 Prof. Engineering & the Business Environment: Global Practice	Elective	
Sem 2 July		ENGG7902 Engineering Innovation & Leadership	Elective	

Electives

AERO4300 Aerospace Composites
MATE6301 Nanomaterials
MATE7001 Environmental Performance of Materials
MATE7013 Advanced Manufacturing

MATE7014 Advanced Materials Characterisation
MATE7015 Additive Manufacturing
MATE7016 Materials for Energy Conversion and Storage
METR4201 Control Engineering 1

Semester 2 Commencement

SEM	YEAR 1	4 UNIT PROJECT		
Sem 2 July	ENGG7342 Engineering Project 4A	ENGG7902 Engineering Innovation & Leadership	Elective	Elective
Sem 1 Feb		ENGG7901 Prof. Engineering & the Business Environment	Elective	Elective

OR

SEM	YEAR 1	8 UNIT PROJECT		
Sem 2 July	ENGG7382 Engineering Project 8A	ENGG7902 Engineering Innovation & Leadership	Elective	
Sem 1 Feb		ENGG7901 Prof. Engineering & the Business Environment: Global Practice	Elective	

Electives

AERO4300 Aerospace Composites
MATE6301 Nanomaterials
MATE7001 Environmental Performance of Materials
MATE7013 Advanced Manufacturing

MATE7014 Advanced Materials Characterisation
MATE7015 Additive Manufacturing
MATE7016 Materials for Energy Conversion and Storage
METR4201 Control Engineering 1

UQ School of Mechanical and Mining Engineering

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