



THE UNIVERSITY  
OF QUEENSLAND  
AUSTRALIA

CREATE CHANGE

# Mechatronic Engineering

Master of Engineering Science (Management)



## Recommended Study Plan

This study plan is a guide only for students commencing the Master of Engineering Science (Management) in Mechatronic 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		
<b>Sem 1 Feb</b>	ENGG7341 Engineering Project 4A	Engineering Elective	ENGG7901 Prof. Engineering & the Business Environment: Global Practice	METR4201 Control Engineering 1
<b>Sem 2 July</b>		Engineering Elective	ENGG7902 Engineering Innovation & Leadership	METR6203 Control Engineering 2
SEM	YEAR 2			
<b>Sem 1 Feb</b>	Management Elective	Management Elective	Management or Engineering Elective	MGTS7610 Management Communication
<b>Sem 2 July</b>	Management Elective	Management Elective	Management or Engineering Elective	Management or Engineering Elective

OR

SEM	YEAR 1	8 UNIT PROJECT		
<b>Sem 1 Feb</b>	ENGG7381 Engineering Project 8A		ENGG7901 Prof. Engineering & the Business Environment: Global Practice	METR4201 Control Engineering 1
<b>Sem 2 July</b>			ENGG7902 Engineering Innovation & Leadership	METR6203 Control Engineering 2
SEM	YEAR 2			
<b>Sem 1 Feb</b>	Management Elective	Management Elective	Engineering Elective	MGTS7610 Management Communication
<b>Sem 2 July</b>	Management Elective	Management Elective	Management or Engineering Elective	Management or Engineering Elective

#### Engineering Electives

CSSE4010	Digital System Design
ELEC3400	Electronic Circuits
ELEC4620	Digital Signal Process
ELEC4630	Image Processing and Computer Vision
MATE7001	Environmental Performance of Materials
MATE7013	Advanced Manufacturing
MATE7014	Advanced Materials Characterisation
MATE7015	Additive Manufacturing
MATE7101	Design of Experiments

#### Management Electives

For the list of management electives, please refer to the course list online: [https://my.uq.edu.au/programs-courses/program\\_list.html?acad\\_prog=5530](https://my.uq.edu.au/programs-courses/program_list.html?acad_prog=5530)

## UQ School of Mechanical and Mining Engineering

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### Semester 2 Commencement

SEM	YEAR 1	4 UNIT PROJECT		
<b>Sem 2 July</b>	ENGG7342 Engineering Project 4A	Engineering Elective	ENGG7902 Engineering Innovation & Leadership	Management or Engineering Elective
<b>Sem 1 Feb</b>		Engineering Elective	ENGG7901 Prof. Engineering & the Business Environment: Global Practice	METR7200 Control Engineering 1
SEM	YEAR 2			
<b>Sem 2 July</b>	Management Elective	Management Elective	Management or Engineering Elective	METR6203 Control Engineering 2
<b>Sem 1 Feb</b>	Management Elective	Management Elective	Management or Engineering Elective	MGTS7610 Management Communication

OR

SEM	YEAR 1	8 UNIT PROJECT		
<b>Sem 2 July</b>	ENGG7382 Engineering Project 8A		ENGG7902 Engineering Innovation & Leadership	Engineering Elective
<b>Sem 1 Feb</b>			ENGG7901 Prof. Engineering & the Business Environment: Global Practice	METR7200 Control Engineering 1
SEM	YEAR 2			
<b>Sem 2 July</b>	Management Elective	Management Elective	Management or Engineering Elective	METR6203 Control Engineering 2
<b>Sem 1 Feb</b>	Management Elective	Management Elective	Management or Engineering Elective	MGTS7610 Management Communication

#### Engineering Electives

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ELEC4630	Image Processing and Computer Vision
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