



# Enrolment Guide 2020

Faculty of Engineering and Information Sciences

**Course Name: Master of Engineering**

**Course Code: 423**

**Major: Mechatronic Engineering**

**CRICOS Code: 083844B**

Wollongong

## Study Schedule

### \*Spring session commencement

Students are strongly recommended to enrol in subjects following this schedule  
(Please consult course coordinator for any change in special cases):

Year 1 Spring			Credit points	Year 1 Autumn			Credit points
ENGG951	Engineering Project Management	6	ENGG980	Professional Communications & Engineering Workplace Practice (Annual)	12		
ENGG952	Engineering Computing	6	ENGG950	Innovation and Design	6		
MECH950	Advanced Robotics	6	ENGG955	Engineering Research Methods	6		
1 elective			Complete ONE of the following:				
900-level MECH, ECTE or ENGG subject		6	MECH949	Advanced Computer Control of Machines and Process	6		
			or				
			1 elective 900-level MECH or ENGG subject				6
Year 2 Spring			Credit points	Year 2 Autumn			Credit points
ENGG980	Professional Communications & Engineering Workplace Practice (Annual)	12	MECH934	Advanced Manufacturing Processes	6		
MMMB940	Dissertation (Annual)	12	MMMB940	Dissertation (Annual)	12		
PLUS 1 elective 900-level MECH or ECTE subjects		6	ENGG954	Strategic Management	6		
And			ECTE941	Intelligent Control	6		
1 elective 900-level MECH, ECTE or ENGG subject		6					

### Spring session 900-level MECH and ENGG elective subjects:

Code	Name	Session	Credit Points
MECH918	Sustainable Energy in Buildings	Spring	6
MECH935	Integrated Manufacturing systems	Spring	6
MECH950	Advanced Robotics	Spring	6
MECH970	Advanced Applied Topics in Mechatronics	Spring	6
MATL906	Ceramic Materials (as MECH elective)	Spring	6
MATL907	Polymeric Materials (as MECH elective)	Spring	6



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MATL932	Surface Engineering of Materials (as MECH elective)	Spring	6
MATL972	Selection and Design of Materials (as MECH) elective	Spring	6
ENGG953	Modelling of Engineering Management Systems	Spring	6
ENGG956	Financial Management for Engineered Assets	Spring	6
ENGG960	Maintenance Requirement Analysis	Spring	6
ENGG909	The Science of Materials	Spring	6
ENGG939	Engineering Logistics	Spring	6
ENGG941	Sustainability for Engineers, Scientists and Professionals	Autumn	6
ENGG947	Advanced Building Design for Energy Efficiency and Sustainability	Autumn	6
ECTE901	Multimedia Signal Processing	Autumn	6
ECTE906	Advanced Signals and Systems	Autumn	6
ECTE933	Embedded Systems	Autumn	6
ECTE982	Network Engineering	Autumn	6

**NOTES**

Students with credit transfer subjects on their offer should consult an Academic Adviser for a program of study. Please consult the [online Handbook](#) for the most up-to-date information regarding subjects on offer, and for subsequent year programs.

\*ENGG851 may be taken in spring session and an elective taken in autumn.

\*\*ECTE electives are not listed here but students can consult with ME Mechatronic Academic Program Director Weihua Li for further information.

**NEED HELP?**

If you have any questions about your enrolment or studying at UOW, please [enquire here](#) or call our team on 1300 367 869. You can also refer to our [enrolment FAQs page](#) for self-help options