



Enrolment Guide 2020

Faculty of Engineering and Information Sciences

Course Name: Master of Mathematics
Course Code: 425
Major: not applicable
CRICOS Code: 084776A

Wollongong

COMPULSORY SUBJECTS - Master of Mathematics

Students must enrol in the following subjects, in consultation with the **Academic Program Director**:

Spring Session 2020 (1)		Autumn Session 2021(2)	
MATH991*	Project (Spring 2020/Autumn 2021, 12 cp)	MATH991*	Project (Annual, 12 cp)

Plus:

Four subjects selected from the list of Preparation subjects or Foundation subjects below**

Plus:

Three subjects selected from the list of Foundation subjects below***

Preparation Subjects

Spring Session 2020		Autumn Session 2021	
MTH8203	Linear Algebra and Groups	MTH8201	Multivariate and Vector Calculus
MTH8212	Mathematical Modelling	MTH8202	Differential Equations: Analysis and Applications
		MTH8222	Real Analysis

Foundation Subjects

Spring Session 2020		Autumn Session 2021	
MATH813	Industrial Mathematical Modelling (Enhanced)	INFO812	Mathematics for Cryptography
MATH818	Operations Research (Enhanced)	MATH805	Partial Differential Equations (Enhanced)
MATH822	Algebra (Enhanced)	MATH817	Financial Calculus (Enhanced)



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Foundation subjects cont'd.			
Spring Session 2020		Autumn Session 2021	
STAT804	Stochastic Methods in Statistical Analysis (Enhanced)	MATH824	Calculus of Variations and Elementary Differential Geometry (Enhanced)
		MATH829	Medical Mathematics and Applications (Enhanced)

NOTES

Students with credit transfer subjects on their offer should consult an Academic Program Director for a program of study.

Please consult the online Handbook (available from the UOW "Current Students" webpage) for the most up-to-date information regarding subjects on offer, and for subsequent year programs.

* MATH991 Project is a 12 credit point subject that runs over 2 sessions. Students should only enrol in 1 instance. Please consult with the Academic Project Director of the Master of Mathematics.

** Students who have completed an appropriate combination of subjects in an approved mathematics or statistics major may be exempt from one or more of these subjects. Please consult with the Academic Program Director of the Master of Mathematics.

*** Students who have an approved Honours degree in mathematics or statistics may be exempt from some of these subjects. Please consult with the Academic Program Director of the Master of Mathematics.

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.

Academic Program Director

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