Master of Science

Recommended Study Plan 2025

Course Code	Course Name	Semester	Points	Notes
ENGE817	STEM Research Methods	1 & 2	15	*This is the **core** course. It runs in both Semester 1 and Semester 2 – if you complete this in S1, you do not need to take it again in S2.*

Elective Choices for 2025

Below are the current electives for 2025, and they may differ from what is available in 2026. This timetable is subject to change, and courses with insufficient enrolments or limited resources may be cancelled. Please note, Semester 2 2025 electives are not yet confirmed.

Course Code	Course Name	Semester	Points	Notes
MATH802	Advanced Financial Modelling and Analytics	1	15	*Required for joint SAS certificate*
MATH803	Mathematical Modelling and Simulation	1	15	*Required for joint SAS certificate*
STAT802	Advanced Topics in Analytics	1	15	*Required for joint SAS certificate*
STAT805	Computational Mathematics and Statistics	1 & 2	15	*Provides background knowledge for COMP810, STAT802, STAT804.*
COMP809	Data Mining and Machine Learning	1	15	
STAT803	Official Statistics	2	15	
STAT804	Optimisation and Operations Research	2	15	*Required for joint SAS certificate*
COMP800	Neuroinformatics	2	15	
COMP810	Data Warehousing and Big Data	2	15	
COMP813	Artificial Intelligence	2	15	
COMP815	Nature Inspired Computing	2	15	
COMP826	Mobile Systems Development	2	15	

You are also permitted to take up to 30 points of electives from postgraduate Science courses. The enrolment limit is 1 course per semester, and these are *subject to approval*.

Dissertation

Only the Postgraduate Coordinator can enrol students in the Dissertation, after final approval.

Course Code	Course Name	Semester	Points	Notes
MATH997	Dissertation	3	60	*After completing 120 points of courses including ENGE817, subject to minimum grade average and school approval*

Contact Us

ADMIN QUESTIONS/ISSUES	ACADEMIC QUESTIONS/ISSUES
For enrolment and administration questions, please contact the Postgraduate Coordinator on cmspg@aut.ac.nz	For Academic Issues please contact the Programme Advisor, **Nate Wichitaksorn**, on nuttanan.wichitaksorn@aut.ac.nz

Note: Timetable may be subject to change and courses with insufficient enrolments may be cancelled.