Master of Analytics

Recommended Study Plan

Below is the recommended outline for a full-time student who will start in Semester 1 2025.

Year 1 Semester 1:

Course Code	***Course Name***	***Points***	***Core/Elective***
COMP809	Data Mining and Machine Learning	15 Points	Core
MATH803	Mathematical Modelling and Simulation	15 Points	Core
STAT802	Advanced Topics in Analytics	15 Points	Core
MATH802	Advanced Financial Modelling and Analytics	15 Points	Elective

Year 1 Semester 2:

Course Code	***Course Name***	***Points***	***Core/Elective***
ENGE817	STEM Research Methods	15 Points	Core
COMP810	Data Warehousing and Big Data	15 Points	Core
STAT804	Optimisation and Operations Research	15 Points	Core
TBC	Elective*	15 Points	Elective*

The recommended elective for Year 1 Semester 2, can be STAT805 Computational Mathematics and Statistics* ***OR* *STAT803 Official Statistics.*

Year 2 Semester 1:

Course Code	***Course Name***	***Points***	***Core/Elective***
STAT995	Dissertation	60 Points	Core

Please note the following:

- For the Master of Analytics programme, the Dissertation will be partially in the form of a Project with an industry partner. ***Only the Postgraduate Coordinator can enrol students in the Dissertation, after final approval.***
- Enrolment into the dissertation is subject to achieving a minimum B average across all course work courses, including ENGE817 STEM Research Methods.

Note: Timetable may be subject to change and courses with insufficient enrolments may be cancelled. Please contact your Postgraduate Coordinator via cmspg@aut.ac.nz for further information.