

Academic Chair: [Phil Schrader](#)

Start Date: Semester 2, 2026

Please note: This course plan is a sample only and must be read in conjunction with the full course structure, unit prerequisites and enrolment options as outlined in the [Handbook](#). To explore alternative course plans, use the [Course Visualiser](#) or contact the Academic Chair.

Year 1 – 2026/27	Semester 2 2026		CP	Semester 1 2027		CP
	MAS164 Fundamentals of Mathematics*		3	MAS182 Introductory Calculus with Applications		3
	MAS183 Statistical Data Analysis		3	MAS162 Discrete Mathematics and Logic		3
	Discovery unit or Elective		3	PEN100		3
	Elective		3	Discovery unit or Elective		3
	Total		12	Total		12
Year 2 – 2027/28	Semester 2 2027		CP	Semester 1 2028		CP
	MAS161 Calculus and Matrix Algebra		3	MAS220 Mathematical Methods & Multivariable Calculus or MAS224 Biostatistics or MAS222 Probability and Statistical Inference		3
	MAS223 Applied Statistics or MAS221 Mathematical Modelling & Differential Equations or MAS225 Optimisation and Graph Theory		3	Any MAS2xx or MAS3xx**		3
	Any MAS2xx or MAS3xx**		3	Elective		3
	Elective		3	Elective		3
	Total		12	Total		12
Year 3 – 2028/29	Semester 2 2028		CP	Semester 1 2029		CP
	MAS353 – Statistical Design and Data Analysis or MAS354 – Modelling and Simulation		3	MAS351 Environmental & Biological Modelling or MAS352 Time series Analysis		3
	MAS353 – Statistical Design and Data Analysis or MAS354 – Modelling and Simulation or Elective		3	MAS351 Environmental & Biological Modelling or MAS352 Time series Analysis or Elective		3
	Elective		3	MAS300 Quantitative Projects and Consulting Or Elective		3
	Elective		3	Elective		3
	Total		12	Total		12

TOTAL CREDIT POINTS 72

Notes

- You must complete at least one of MAS220 or MAS221, and one of MAS222, MAS223, or MAS224.
- You must complete at least three of MAS351, MAS352, MAS353, MAS354.
- You must complete at least one Discovery Unit
- Electives may be used to complete another major.

*MAS164 is not necessary if you have Year 12 Mathematical Methods or equivalent. See the Course Plan for that situation.

**For which you have completed the prerequisites.