

Academic Chair: [Phil Schrader](#)

Start Date: Semester 1, 2026

Year 1 – 2026	Semester 1 Units	CP	Semester 2 Units	CP
	Primary Course Unit	3	Primary Course Unit	3
	Primary Course Unit	3	Primary Course Unit	3
	MAS182 Introductory Calculus with Applications* or MAS162 Discrete Mathematics and Logic	3	Primary Course Unit or MAS183 Statistical Data Analysis	3
	Primary Course Unit or MAS183 Statistical Data Analysis	3	MAS161 Calculus and Matrix Algebra	3
	Total	12	Total	12
Year 2 - 2027	Semester 1 Units	CP	Semester 2 Units	CP
	Primary Course Unit	3	Primary Course Unit	3
	Primary Course unit	3	Primary Course Unit	3
	Primary Course unit or MAS222 Probability and Statistical Inference or MAS224 Biostatistics or MAS220 Mathematical Methods & Multivariable Calculus**	3	Primary Course Unit or MAS223 Applied Statistics or Mathematical Modelling & Differential Equations** or MAS225 Optimisation and Graph Theory	3
	MAS222 Probability and Statistical Inference or MAS224 Biostatistics or MAS220 Mathematical Methods & Multivariable Calculus**	3	MAS223 Applied Statistics or Mathematical Modelling & Differential Equations** or MAS225 Optimisation and Graph Theory	3
	Total	12	Total	12
Year 3 - 2028	Semester 1 Units	CP	Semester 2 Units	CP
	Primary Course Unit	3	Primary Course Unit	3
	Primary Course Unit	3	Primary Course Unit	3
	Primary Course Unit	3	Primary Course Unit	3
	MAS351 Environmental & Biological Modelling and/or MAS352 Time series Analysis	3	MAS353 – Statistical Design and Data Analysis and/or MAS354 – Modelling and Simulation	3
	Total	12	Total	12

TOTAL CREDIT POINTS 72

Notes

*MAS182 is not necessary if you have Year 12 Specialist Mathematics or equivalent.

**You must do at least one of MAS220 or MAS221.

If you chose one of MAS222 or MAS224 in Semester 1, then choose a Primary Course unit in Semester 2 (so only one Maths/Stats unit) and vice-versa.

In Year 3 you must complete 6 points from the 12 available at the MAS3xx level.

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](#). Students should note that due to unit prerequisites, commencing study in Semester 2 may extend the duration of the course. This information is correct as at 1/12/2025.