

Course progression map for 2026 commencing students

This progression map is a guide only. It does not substitute for the list of required units as outlined in the course 'Requirements' section of the Handbook. The order of units can be rearranged, if applicable prerequisite requirements are met. The unit offering information is correct at the time of publication, however changes may occur. You are advised to check with the relevant Faculty Student Services staff when planning your course and refer to the Handbook entry for each unit prior to the start of each semester.

B2033 Bachelor of Actuarial Science

Actuarial Studies specialist studies

Year 1 Semester 1	ACC1100 Introduction to financial accounting	ECC1000 Principles of microeconomics	ETC1000 Business and economic statistics	Elective studies unit 1
Year 1 Semester 2	ECC1100 Principles of macroeconomics	ETC2410 Introductory econometrics	ETC2520 Probability and statistical inference for economics and business	Elective studies unit 2
Year 2 Semester 1	ETC2430 Actuarial cash flow modelling	ETC2440 Mathematics for economics and business	BFC2140 Corporate finance	Elective studies unit 3
Year 2 Semester 2	ETC3550 Applied forecasting	ETC2560 Statistical modelling for actuarial studies	Elective studies unit 4	Elective studies unit 5
Year 3 Semester 1	ETC3430 Financial mathematics under uncertainty	ETC3460 Financial econometrics	Elective studies unit 6	Elective studies unit 7
Year 3 Semester 2	ETC3420 Applied insurance methods	ETC3520 Foundations of quantitative finance	Capstone ETC3530 Life insurance mathematics	Elective studies unit 4

Part A	Core studies
Part B	Discipline studies
Part C	Specialist studies
Part D	Elective studies

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B2033 Bachelor of Actuarial Science

Actuarial Analytics specialist studies

Year 1 Semester 1	ACC1100 Introduction to financial accounting	ECC1000 Principles of microeconomics	ETC1000 Business and economic statistics	Elective studies unit 1
Year 1 Semester 2	ECC1100 Principles of macroeconomics	ETC2410 Introductory econometrics	ETC2520 Probability and statistical inference for economics and business	ETC1010 Introduction to data analysis
Year 2 Semester 1	ETC2430 Actuarial cash flow modelling	ETC2440 Mathematics for economics and business	Elective studies unit 2	Elective studies unit 3
Year 2 Semester 2	ETC2560 Statistical modelling for actuarial studies	ETC3550 Applied forecasting	ETC2420 Statistical thinking	Elective studies unit 4
Year 3 Semester 1	ETC3250 Introduction to machine learning	Capstone ETC3580 Advanced statistical modelling	Elective studies unit 1	Elective studies unit 2
Year 3 Semester 2	ETX3500 High dimensional data analysis	ETC3555 Statistical machine learning	Elective studies unit 3	Elective studies unit 4

Part A	Core studies
Part B	Discipline studies
Part C	Specialist studies
Part D	Elective studies