

# 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.

## B6060 Bachelor of Actuarial Science and Master of Actuarial Studies

### Stage 1 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	Specified discipline Elective studies unit 6	Specified discipline Elective studies unit 7
Year 3 Semester 2	ETC3420 Applied insurance methods	ETC3520 Foundations of quantitative finance	Capstone ETC3530 Life insurance mathematics	Specified discipline Elective studies unit 4

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

### Stage 2. Master of Actuarial Studies

Year 1 Semester 1	ETC4110 Actuarial practice 1	ETC5250 Introduction to machine learning	Discipline studies unit 1 from specified list	Discipline studies unit 2 from specified list
Year 1 Semester 2	ETC4120 Actuarial practice 2	Discipline studies unit 3 from specified list	Discipline studies unit 4 from specified list	Discipline studies unit 5 from specified list

Part B	Core studies
Part C	Discipline studies

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### B6060 Bachelor of Actuarial Science and Master of Actuarial Studies

#### Stage 1 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	ECC1000 Principles of microeconomics	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	Specified discipline Elective studies unit 1	Specified discipline Elective studies unit 2
Year 3 Semester 2	ETX3500 High dimensional data analysis	ETC3555 Statistical machine learning	Specified discipline Elective studies unit 3	Specified discipline Elective studies unit 4

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

#### Stage 2. Master of Actuarial Studies

Year 1 Semester 1	ETC4110 Actuarial practice 1	Discipline studies unit*	Discipline studies unit 1 from specified list	Discipline studies unit 2 from specified list
Year 1 Semester 2	ETC4120 Actuarial practice 2	Discipline studies unit 3 from specified list	Discipline studies unit 4 from specified list	Discipline studies unit 5 from specified list

\*Refer to the Handbook for further information

Part B	Core studies
Part C	Discipline studies