

Course progression map for 2027 commencing students

This course map is a guide only and does not substitute for the required units outlined in the course 'Requirements' section of the Handbook. Units can be rearranged if applicable prerequisite requirements are met. This map applies to students commencing in the standard annual intake. When planning your course, check with Faculty Student Services, including for advice if commencing mid-year (where relevant), and refer to the Handbook entry for each unit before the start of each semester. Unit offering information is correct at the time of publication; however, changes may occur.

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 unit 1
Year 1 Semester 2	ECC1100 Principles of macroeconomics	ETC2410 Introductory Econometrics	ETC2520 Probability and statistical inference for economics and business	Elective unit 2
Year 2 Semester 1	ETC2430 Actuarial cash flow modelling	ETC2440 Mathematics for economics and business	BFC2140 Corporate finance	Elective unit 3
Year 2 Semester 2	ETC2560 Statistical Modeling for Actuarial Studies	ETC3550 Applied Forecasting	Elective unit 4	Electives at Level 5 unit 1
Year 3 Semester 1	ETC3430 Financial mathematics under uncertainty	ETC3460 Financial econometrics	Electives at Level 5 unit 2	Electives at Level 5 unit 3
Year 3 Semester 2	ETC3420 Applied insurance methods	ETC3520 Foundations of quantitative finance	Capstone ETC3530 Life insurance mathematics	Electives at Level 5 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	Level 5 unit from the Faculty of Business and Economics	Level 5 unit from the Faculty of Business and Economics
Year 1 Semester 2	ETC4120 Actuarial practice 2	Level 5 unit from the Faculty of Business and Economics	Level 5 unit from the Faculty of Business and Economics	Level 5 unit from the Faculty of Business and Economics

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 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 unit 2	Elective unit 3
Year 2 Semester 2	ETC2560 Statistical modelling for actuarial studies	ETC3550 Applied forecasting	ETC2420 Statistical thinking	Elective unit 4
Year 3 Semester 1	ETC3250 Introduction to machine learning	Capstone ETC3580 Advanced statistical modelling	Electives at Level 5 unit 1	Electives at Level 5 unit 2
Year 3 Semester 2	ETX3500 High dimensional data analysis	ETC3555 Statistical machine learning	Electives at Level 5 unit 3	Electives at Level 5 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*	ETC5343 Financial mathematics under uncertainty*	ETC5346 Financial econometrics*
Year 1 Semester 2	ETC4120 Actuarial practice 2	ETC5342 Applied insurance methods*	ETC5352 Foundations of quantitative finance*	ETC5353 Life insurance mathematics*

*Refer to the Handbook for further information

Part B	Core studies
Part C	Discipline studies