Bachelor of Actuarial Studies / Science 3154 Progression Plan for 2023 Commencing Students

Contents

Program and Course Terminology

Terminology	Definition
Program compulsory core courses	60UOC of compulsory core courses which students must complete under this degree.
Level 2 Actuarial Studies Core Courses	Students must complete 24UOC (4 courses) of Level 2 Actuarial Studies Core Courses. Students may replace ACTL2131 with the two courses MATH2901 Higher Theory of Statistics and MATH2931 Higher Linear Models. If students make this replacement, MATH2901 will count towards ACTL2131, and MATH2931 will be counted towards a major where this course is required or as a free elective.
Level 3 Actuarial Studies Core Courses	Students must complete 24UOC (4 courses) of Actuarial Studies Level 3 Core Courses.
UNSW Business School Elective	12UOC in UNSW Business School courses to ensure a student completes a minimum of 96UOC of Business courses within the UNSW Business School. GEN courses cannot count as Business School Electives.
Optional Actuarial Studies Majors	Students who wish to complete an optional Actuarial Studies major (ACTLE1, MATHE1) WILL be required to complete additional UOC (Exceed 96UOC). If students do not complete an optional Actuarial Studies major, students will complete program with a default major by completing program requirements.

PLEASE USE THIS DIAGRAM AS REFERENCE ONLY. IT DOES NOT REPLACE THE HANDBOOK AS GUIDE FOR PROGRAM REQUIREMENTS.

Please refer to the 2023 Handbook for the program and major rules: https://www.handbook.unsw.edu.au/undergraduate/programs/2023/3154

Table A. Default Actuarial Studies Major

Level 1 Actuarial Studies Core Courses		Level 2 Actuarial Studies Core Courses		Level 3 Actuarial Studies Elective Courses *(Choose 4 courses)*		UNSW Business School Electives	
(36UOC)		(24UOC)		(24UOC)		(12UOC)	
ACTL1101	☐	ACTL2102	☐	ACTL3141	☐		☐
COMM1140	☐	ACTL2111	☐	ACTL3142	☐		☐
COMM1170	☐	ACTL2131*	☐	ACTL3151	☐		
COMM1180	☐	COMM2501	☐	ACTL3162	☐		
ECON1101	☐			ACTL3182	☐		
ECON1102	☐			ACTL3191	☐		
MATH1151				ACTL3192	☐		
MATH1251				ACTL3301	☐		
				ACTL3143	☐		

Students may replace ACTL2131 with the two courses MATH2901 Higher Theory of Statistics and MATH2931 Higher Linear Models. If students make this replacement, MATH2901 will count towards ACTL2131, and MATH2931 will be counted towards a major where this course is required or as a free elective.

MATH1151 and MATH1251 are compulsory courses that count towards the Science component. Student will need to take 12UOC of Business School electives to meet minimum of 96UOC Business School courses for the Actuarial Studies requirement

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Table B1. Optional Actuarial Studies major: Actuarial Risk Management and Analytics (ACTLE1) (48 UOC)

Level 1 Actuarial Studies Core Courses		Level 2 Actuarial Studies Core Courses		Level 3 Actuarial Studies Core Courses *(Choose ACTL3142 and 3 more courses from this list (NOT ACTL3151 / ACTL3143) to meet major and level 3 Actuarial Studies core course requirements)*		Actuarial Risk Management and Analytics (ACTLE1)	
(36UOC)		(24UOC)		(24UOC)		(24UOC)	
ACTL1101	☐	ACTL2102	☐	ACTL3141	☐	RISK2001	☐
COMM1140	☐	ACTL2111	☐	ACTL3142	☐	ACTLE1 Elective	☐
COMM1170	☐	ACTL2131*	☐	ACTL3151 X		ACTLE1 Elective *Additional UOC*	☐
COMM1180	☐	COMM2501	☐	ACTL3162	☐	ACTLE1 Elective *Additional UOC*	☐
ECON1101	☐			ACTL3182	☐		
ECON1102	☐			ACTL3191	☐		
MATH1151				ACTL3192	☐		
MATH1251				ACTL3301	☐		
				ACTL3143 X			

Students may replace ACTL2131 with the two courses MATH2901 Higher Theory of Statistics and MATH2931 Higher Linear Models. If students make this replacement, MATH2901 will count towards ACTL2131, and MATH2931 will be counted towards a major where this course is required or as a free elective.

X Note: ACTL3151 and ACTL3143 are not Actuarial Risk Management and Analytics major electives

Additional UOC must be completed via non-award studies.

MATH1151 and MATH1251 are compulsory courses that count towards the Science component. Student will need to take 12UOC of Business School electives to meet minimum of 96UOC Business School courses for the Actuarial Studies requirement

Note: Student will need to complete **additional of 12UOC** to compete major requirement

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Table B2. Optional Actuarial Studies major: Quantitative Data Science (MATHE1) (66 UOC)

Level 1 Actuarial Studies Core Courses		Level 2 Actuarial Studies Core Courses		Level 3 Actuarial Studies Elective Courses (Choose ACTL3141 and ACTL3142 and 2 more courses from this list)		Quantitative Data Science (MATHE1)	
(36UOC)		(24UOC)		(24UOC)		(30UOC)	
ACTL1101	☐	ACTL2102	☐	ACTL3141	☐	MATH2931 *(in place of MATH2831)*	☐
COMM1140	☐	ACTL2111	☐	ACTL3142	☐	MATH2871	☐
COMM1170	☐	ACTL2131* MATH2901	☐	ACTL3151	☐	MATHE1 Elective *Additional UOC*	☐
COMM1180	☐	COMM2501	☐	ACTL3162	☐	MATH3821 *Additional UOC*	☐
ECON1101	☐			ACTL3182	☐	MATH3871 *Additional UOC*	☐
ECON1102	☐			ACTL3191	☐		
MATH1151				ACTL3192	☐		
MATH1251				ACTL3301	☐		
				ACTL3143	☐		

*Students may replace ACTL2131 with the two courses MATH2901 Higher Theory of Statistics and MATH2931 Higher Linear Models. If students make this replacement, MATH2901 will count towards ACTL2131, and MATH2931 will be counted towards a major where this course is required or as a free elective.

Additional UOC must be completed via non-award studies.

MATH1151 and MATH1251 are compulsory courses that count towards the Science component. Student will need to take 12UOC of Business School electives to meet minimum of 96UOC Business School courses for the Actuarial Studies requirement

Note: Student will take **18 additional UOC** to complete major requirement

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Bachelor of Actuarial Studies / Science 3154
Progression Plan for 2023 Commencing Students

Student ID:
Student name:

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STUDENTS NEEDS TO CHECK THE ACTUARIES INSTITUTE AND THE BUSINESS SCHOOL WEBPAGE FOR ANY UPDATES ON EXEMPTION REQUIREMENTS

Please refer to the 2023 Handbook for the program and major rules: https://www.handbook.unsw.edu.au/undergraduate/programs/2023/3154

Example: Actuarial Studies major (Default) and meet the Actuaries Institute Foundation Program^ and Actuary Program # requirements

Level 1 Actuarial Studies Core Courses		Level 2 Actuarial Studies Core Courses		Level 3 Actuarial Studies Elective Courses		UNSW Business School Electives	
(36UOC)		**(24UOC)**		**(24UOC)**		**(12UOC)**	
ACTL1101	☐	ACTL2102^	☐	ACTL3141^	☐	ACTL3301^	☐
COMM1140^	☐	ACTL2111^	☐	ACTL3142^	☐	ACTL3182^	☐
COMM1170^	☐	ACTL2131*^	☐	ACTL3151^	☐	ACTL4001# *Additional UOC*	☐
COMM1180^	☐	COMM2501	☐	ACTL3162^	☐	ACTL4002# *Additional UOC*	☐
ECON1101^	☐					ACTL4305# *Additional UOC*	☐
ECON1102^	☐				☐		
MATH1151					☐		
MATH1251					☐		

Students may replace ACTL2131 with the two courses MATH2901 Higher Theory of Statistics and MATH2931 Higher Linear Models. If students make this replacement, MATH2901 will count towards ACTL2131, and MATH2931 will be counted towards a major where this course is required or as a free elective. MATH2901 will meet exemption requirements.

Additional UOC must be completed via non-award studies.

MATH1151 and MATH1251 are compulsory courses that count towards the Science component. Student will need to take 12UOC of Business School electives to meet minimum of 96UOC Business School courses for the Actuarial Studies requirement

Note: Student will take **18 additional UOC** to complete exemption requirements

First Year Recommended Enrolment Plan

PLEASE USE THIS RECOMMENDATION AS REFERENCE ONLY – Plan may not be suitable for your chosen major(s) / minor requirement OR due to changed offering terms

Commencing in T1		
T1 Enrolment	**T2 Enrolment**	**T3 Enrolment**
COMM1140	ACTL1101	COMM1170
Science Course*	ECON1101	COMM1180
MATH1151	MATH1251	

Commencing in T2		
T2 Enrolment	**T3 Enrolment**	**T1 Enrolment**
COMM1140	COMM1170	MATH1151
ECON1101	COMM1180	ECON1102
Science Course*	Science Course*	

Commencing in T3		
T3 Enrolment	**T1 Enrolment**	**T2 Enrolment**
COMM1140	MATH1151	MATH1251
ECON1101	COMM1170	ACTL1101
Science Course*	ECON1102	

*Science course – this course depends on what major in science component study you will select