

Bachelor of Actuarial Studies 3586

Progression Plan for 2025 Commencing Students

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Program and Course Terminology

Please refer to the 2025 Handbook for the program and major rules: https://www.handbook.unsw.edu.au/undergraduate/programs/2025/3586

Terminology	Definition
Level 1 Actuarial Studies Core Courses	Students must complete 48UOC (8 courses) of level 1 courses.
Level 2 Actuarial Studies Core Courses	Students must complete 30UOC (5 courses) of Level 2/3 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 Elective Courses	Students must complete 18UOC (3 courses) of Actuarial Studies Level 3 Core Courses.
Optional Actuarial Studies Majors	Students may wish to complete an optional Actuarial Studies major (ACTLE1, MATHE1). If students do not complete an optional Actuarial Studies major, students will complete program with a default major by completing program requirements. Note: Students cannot complete both a default major and an optional Actuarial Studies major. If a student chooses to complete an additional Business major/minor, student may need to complete additional UOC (exceed 144 UOC).
Free Electives	Free Electives account for 36UOC (6 courses) to satisfy the degree requirement of 144UOC (24 courses). These courses may be taken from the Business School or other Faculties. GEN coded courses cannot be counted as free electives. You may choose to use these Free Electives and Business School Electives to complete a second Business major or minor. Free Elective courses can also be used to complete an optional approved minor from other faculties.
General Education	Account for 12UOC (2 courses) and are to be taken outside the UNSW Business School. Please note that students enrolled in programs within the UNSW Business School cannot take General Education courses offered by the UNSW Business School (i.e., GENC code). These restrictions also apply to the following courses: GENL2021 An Introduction to the Australian Legal System, GENL2032 Cyberspace Law 2.0.
Maximum Majors/Minors	Students may complete up to 2 majors or 1 major and 1 minor within their program with the Default Actuarial Studies major. E.g., Default Actuarial Studies major and Accounting major, or Default Actuarial Studies major and Finance minor. <u>Note</u> : Students cannot complete both the default major and an Actuarial Studies optional major. If a student chooses to complete an additional Business major/minor, student may need to complete additional UOC (exceed 144 UOC).
Level 1 limit	The maximum level one limit in this degree is 60UOC (10 courses), excluding General Education courses.
Overall Program UOC	Students must complete a minimum 144 UOC (24 courses) across program requirements.

Please refer to the 2025 Handbook for the program and major rules: https://www.handbook.unsw.edu.au/undergraduate/programs/2025/3586

Table A. Default Actuarial Studies Major

Level 1 Actuarial Studies Core Cou	irses	Level 2/3 Actuarial S Core Courses	tudies	Level 3 Actuarial St Elective Courses (Choose 3 courses)	udies	Free Electives <mark>#^</mark> (Can be a course from the Bus School or other Faculties)	siness	General Education Courses [^] (Must be from a Faculty outside of the Business School)		
(48UOC)		(30UOC)		(18UOC)		(36UOC)		(12UOC)		
ACTL1101		ACTL2102		ACTL3141						
COMM1140		ACTL2111		ACTL3143						
COMM1170		ACTL2131*		ACTL3151						
COMM1180		COMM2501		ACTL3162						
ECON1101		ACTL3142		ACTL3182						
ECON1102				ACTL3191						
MATH1151				ACTL3192						
MATH1251				ACTL3301						
*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. # Student may use their Free Electives to complete an optional Actuarial Studies major or Business Major/Minor										

^A Student may use their Free Electives and General Education courses to complete the MATHE1, MATHT1, MATHM1 optional major

PLEASE USE THIS DIAGRAM AS REFERENCE ONLY. IT DOES NOT REPLACE THE HANDBOOK AS GUIDE FOR PROGRAM REQUIREMENTS. Please refer to the 2025 Handbook for the program and major rules: <u>https://www.handbook.unsw.edu.au/undergraduate/programs/2025/3586</u>

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

Level 1 Actuarial Studies Core Cou	rses	Level 2/3 Actuarial S Core Courses	tudies	Level 3 Actuarial Studies Elective Courses (Choose 3 courses from to list (NOT ACTL3151 / ACTL3143) to meet majo level 3 Actuarial Studies of course requirements)	his r and	Actuarial Risk Management and Analytics (ACTLE1)		Free Electives (Can be a course the Business Sc other Faculties)	General Education Courses (Must be from a Faculty outside of the Business School)		
(48UOC)		(30UOC)		(18UOC)		(24UOC)		(12UOC)	(12UOC)		
ACTL1101		ACTL2102		ACTL3141		RISK2001					
COMM1140		ACTL2111		ACTL3143 X		ACTLE1 Elective					
COMM1170		ACTL2131*		ACTL3151 X		ACTLE1 Elective					
COMM1180		COMM2501		ACTL3162		ACTLE1 Elective					
ECON1101		ACTL3142		ACTL3182							
ECON1102				ACTL3191							
MATH1151				ACTL3192							
MATH1251				ACTL3301							
				ATH2901 Higher Theory of 1 will be counted towards a			-		ake this replacement	, ,	

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

Students may complete up to a maximum of 60UOC of level 1 courses (excluding General Education)

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

Level 1 Actuarial Studies Core Cou	rses	Level 2/3 Actuarial Studies Core Cour	Level 3 Actuarial Stur Elective Courses (Choose ACTL3141 an more courses from this	nd 2	Quantitative Data Scie (MATHE1)	nce	Free Electives (Can be a cours the Business So or other Facultie	hool	General Education Courses (Must be from a Faculty outside of the Business School)		
(48UOC)		(30UOC)	(18UOC)		(18UOC)		(18UOC)		(12UOC)		
ACTL1101		ACTL2102	ACTL3141		MATH2931 (in place of MATH2831)				MATH3821		
COMM1140		ACTL2111	ACTL3143		MATH2871				MATH3871		
COMM1170		ACTL2131* MATH2901	ACTL3151		MATHE1 Elective						
COMM1180		COMM2501	ACTL3162								
ECON1101		ACTL3142	ACTL3182								
ECON1102			ACTL3191								
MATH1151			ACTL3192								
MATH1251			ACTL3301								
			-	-	atistics and MATH2931 Hi jor where this course is re	-			nake this replacement,		

Please refer to the 2025 Handbook for the program and major rules: https://www.handbook.unsw.edu.au/undergraduate/programs/2025/3586

Table C. Default Actuarial Studies Major and Optional Mathematics (MATHM1) OR Statistics (MATHT1) Major (60 UOC)

Level 1 Actuarial Studies Core Cou	rses	Level 2/3 Actuarial S Core Courses	tudies	Level 3 Actuarial Stu Elective Courses (Choose 3 courses)	rses Statistics Major		s <u>or</u>	General Education Courses (Must be from a Faculty outside of the Business School)		
(48UOC)		(30UOC)		(18UOC)		(36UOC)		(12UOC)		
ACTL1101		ACTL2102		ACTL3141		MATH		MATH		
COMM1140		ACTL2111		ACTL3143		MATH		MATH		
COMM1170		ACTL2131*		ACTL3151		MATH				
COMM1180		COMM2501		ACTL3162		MATH				
ECON1101		ACTL3142		ACTL3182		MATH				
ECON1102				ACTL3191		MATH				
MATH1151				ACTL3192						
MATH1251				ACTL3301						
*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.										

Please refer to the 2025 Handbook for the program and major rules: https://www.handbook.unsw.edu.au/undergraduate/programs/2025/3586

Table D. Default Actuarial Studies Major and Optional COMPZ1 Computational Data Science major

Level 1 Actuarial Studies Core Cou	Level 2/3 Actuarial S Core Courses	tudies	Level 3 Actuarial Stu Elective Courses (Choose 3 courses)	idies	Optional Computational Data Science Major		General Education Courses (Must be from a Faculty outside of the Business School)		
(48UOC)	(30UOC)		(18UOC)		(36UOC)		(12UOC)		
ACTL1101	ACTL2102		ACTL3141		MATH1081		COMP1511		
COMM1140	ACTL2111		ACTL3143		COMP2521		COMP2041		
COMM1170	ACTL2131*		ACTL3151		COMP3121				
COMM1180	COMM2501		ACTL3162		COMP9313				
ECON1101	ACTL3142		ACTL3182		COMP9417				
ECON1102			ACTL3191		COMPZ1 Elective				
MATH1151			ACTL3192		COMPZ1 Elective Additional UOC				
MATH1251			ACTL3301		COMPZ1 Elective Additional UOC				
			•	•	•		ear Models. If students make the students when t		

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Table E. Default Actuarial Studies Major and Optional Business Major: _____

Level 1 Actuarial St Core Courses	udies	Level 2/3 Actuarial Stud Core Courses	ies	Level 3 Actuarial Studies I Courses (Choose 3 courses)	Optional Business Maje (Refer to table D1 for Ma requirements)	General Education Courses (Must be from a Faculty outside of the Business School)			
(48UOC)		(30UOC)		(18 UOC)		(42-48UOC)		(12UOC)	
ACTL1101		ACTL2102		ACTL3141					
COMM1140		ACTL2111		ACTL3143					
COMM1170		ACTL2131*		ACTL3151					
COMM1180		COMM2501		ACTL3162					
ECON1101		ACTL3142		ACTL3182					
ECON1102				ACTL3191					
MATH1151				ACTL3192		Additional UOC			
MATH1251				ACTL3301		Additional UOC			
				1 Higher Theory of Statistics a counted towards a major wher		-			ent,

Table D1. Approved Optional Business School Majors (48 UOC) for Bachelor of Actuarial Studies program.

Please refer to the 2025 Handbook for any updates to the program and major rules: https://www.handbook.unsw.edu.au/undergraduate/programs/2025/3586

Accounting (ACCTA1)	Business Sustainability &Social Impact (COMMG1)	Business Analytics (COMMJ1)	Business Economics (ECONF1)	Behavioural Economics (ECONO1)	Finance (FINSA1)	Financial Technolog (FINSR1)	У	International Business (IBUSA1)
COMM1140	ECON1102	MATH1151/MATH1251	ECON1101	ECON1101	COMM1180	MATH1151/1251		ECON1102
ACCT2511	ACCT2562	COMM2822	MATH1151	MATH1151	FINS2618	FINS2618		MGMT2101
ACCT2522	COMM2000	COMM2501	ECON2101/2112	ECON2126	FINS2615	FINS3645		MGMT2102
ACCT2542	ACCT3625	СОММ3050	ECONF1 Elective	ECON2206	FINS2624	FINS3646		MGMT3101
ACCT3563	COMM3001	COMM3501	ECONF1 Elective	ECON3124	FINS3616	FINS3647		MGMT3102
ACTL2111	COMMG1 Elective	Elective List A/C	ECONF1 Level 3 Elective	ECON2101/2112	ACTL2111	FINS3648		IBUSA1 Elective
ACCTA1 Level 3 Elective	COMMG1 Elective	Elective List B	ECONF1 Level 3 Elective	ECONO1 Level 3 Elective (ECON3XXX)	FINSA1 Level 3 Elective	FINS2615/2624/3623/	/3630	IBUSA1 Elective
ACCTA1 Level 3 Elective	COMMG1 Level 3 Elective	Elective List A/C	ECONF1 Level 3 Elective	ECONO1 Level 3 Elective	FINSA1 Level 3 Elective	FINSR1 Elective		IBUSA1 Level 3 Elective
Information Systems (INFSA1)	Cybersecurity Management (INFSG1)	Marketing (MARKA1)	Marketing Analytics (MARKD1)	Human Resource Management (MGMTH1)		Strategy and urship (MGMTJ1)		ation BLC1)
MATH1151/1251	MATH1151/1251	ECON1101	MATH1151/1251	COMM1170	COMM1120		ECO	N1102
INFS1603	INFS1701	MARK2012	MARK2012	MGMT2004	COMM1040		TAB	L2710
INFS2602	INFS2701	MARK2051	MARK3054	MGMT2718	MGMT2001		TAB	L2751

INFS2602	INFS2701	MARK2051	MARK3054	MGMT2718	MGMT2001	TABL2751
INFS2603	INFS3929	MARK2052	MARK3085	MGMT3701	MGMT2010	TABLC1 Elective
INFS3604	COMP6441	MARK3082	MARK3087	MGMTH1 Elective Core	MGMT3001	TABLC1 Elective
INFSA1 Elective	INFSG1 Elective	MARK3092	MARK3088	MGMTH1 Elective	MGMTJ1 Elective	TABLC1 Level 3 Elective
INFSA1 Level 3 Elective	INFSG1 Level 3 Elective	MARKA1 Elective	MARKD1 Elective	MGMTH1 Elective	MGMTJ1 Level 3 Elective	TABLC1 Level 3 Elective
INFSA1 Level 3 Elective	INFSG1 Level 3 Elective	MARKA1 Level 3 Elective	MARKD1 Elective	MGMTH1 Level 3 Elective	MGMTJ1 Level 3 Elective	TABLC1 Level 3 Elective

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

Please refer to the 2025 Handbook for the program and major rules: https://www.handbook.unsw.edu.au/undergraduate/programs/2025/3586

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

Level 1 Actuarial Studies Core Cour	ses	Level 2/3 Actuarial Studi Core Courses	es	Level 3 Actuarial St Courses	udies Elective	Free Electives <mark>#^</mark> (Can be a course from the Business School or other F		s) (Must be from a Faculty outside of the Business School)		
(48UOC)		(30UOC)		(18UOC)		(36UOC)		(12UOC)		
ACTL1101		ACTL2102^		ACTL3141^		ACTL3182^				
COMM1140^		ACTL2111^		ACTL3151^		ACTL3301^				
COMM1170^		ACTL2131*^		ACTL3162^		ACTL4001#				
COMM1180^		COMM2501				ACTL4002#				
ECON1101^		ACTL3142^				ACTL4305#				
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.

Student may use their Free Electives to complete a Business Major/Minor (Additional UOC may be required)

Student may use their Free Electives and General Education courses to complete the MATHT1, MATHM1 optional major (Additional UOC may be required)

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								
ECON1101	ECON1102	COMM1180								
MATH1151	MATH1251									

Commencing in T2			
T2 Enrolment	T3 Enrolment	T1 Enrolment	
COMM1140	COMM1170	Free Elective/Gen Ed	
ECON1101	COMM1180	MATH1151	
ECON1102	Free Elective/Gen Ed		

Commencing in T3			
T3 Enrolment	T1 Enrolment	T2 Enrolment	
COMM1140	ECON1102	ACTL1101	
ECON1101	MATH1151	COMM1170	
	Free Elective/Gen Ed	MATH1251	