UNSW SYDNEY | Australia's Global University

Bachelor of Actuarial Studies 3586

Progression Plan for 2023 Commencing Students

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Student ID:
Student name:

Program and Course Terminology

Please refer to the 2023 Handbook for the program and major rules: https://www.handbook.unsw.edu.au/undergraduate/programs/2023/3586

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 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 Elective Courses	Students must complete 24UOC (4 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. Note: 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.

Student ID:
Student name:

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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)*		**Free Electives#^** *(Can be a course from the Business School or other Faculties)*		**General Education Courses^** *(Must be from a Faculty outside of the Business School)*	
(48UOC)		**(24UOC)**		**(24UOC)**		**(36UOC)**		**(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.*

 # Student may use their Free Electives to complete an optional Actuarial Studies major or Business Major/Minor
^ Student may use their Free Electives and General Education courses to complete the MATHE1, MATHT1, MATHM1 optional major

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

Student ID:
Student name:

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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 Elective 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)**		**Free Electives** *(Can be a course from the Business School or other Faculties)*		**General Education Courses** *(Must be from a Faculty outside of the Business School)*	
(48UOC)		**(24UOC)**		**(24UOC)**		**(24UOC)**		**(12UOC)**		**(12UOC)**	
ACTL1101	☐	**ACTL2102**	☐	**ACTL3141**	☐	**RISK2001**	☐		☐		☐
COMM1140	☐	**ACTL2111**	☐	**ACTL3142**	☐	**ACTLE1 Elective**	☐		☐		☐
COMM1170	☐	**ACTL2131***	☐	**ACTL3151 X**		**ACTLE1 Elective**	☐				
COMM1180	☐	**COMM2501**	☐	**ACTL3162**	☐	**ACTLE1 Elective**	☐				
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*

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

Student ID:
Student name:

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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)**		**Free Electives** *(Can be a course from the Business School or other Faculties)*		**General Education Courses** *(Must be from a Faculty outside of the Business School)*	
(48UOC)		**(24UOC)**		**(24UOC)**		**(18UOC)**		**(18UOC)**		**(12UOC)**	
ACTL1101	☐	**ACTL2102**	☐	**ACTL3141**	☐	**MATH2931** *(in place of MATH2831)*	☐		☐	**MATH3821**	☐
COMM1140	☐	**ACTL2111**	☐	**ACTL3142**	☐	**MATH2871**	☐		☐	**MATH3871**	☐
COMM1170	☐	~~**ACTL2131***~~ **MATH2901**	☐	**ACTL3151**	☐	**MATHE1 Elective**	☐		☐		
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.*

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

Student ID:
Student name:

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

Level 1 Actuarial Studies Core Courses		**Level 2 Actuarial Studies Core Courses**		**Level 3 Actuarial Studies Elective Courses** *(Choose 4 courses)*		**Optional Mathematics or Statistics Major**		**General Education Courses** *(Must be from a Faculty outside of the Business School)*	
(48UOC)		**(24UOC)**		**(24UOC)**		**(36UOC)**		**(12UOC)**	
ACTL1101	☐	**ACTL2102**	☐	**ACTL3141**	☐	**MATH**	☐	**MATH**	☐
COMM1140	☐	**ACTL2111**	☐	**ACTL3142**	☐	**MATH**	☐	**MATH**	☐
COMM1170	☐	**ACTL2131***	☐	**ACTL3151**	☐	**MATH**	☐		
COMM1180	☐	**COMM2501**	☐	**ACTL3162**	☐	**MATH**	☐		
ECON1101	☐			**ACTL3182**	☐	**MATH**	☐		
ECON1102	☐			**ACTL3191**	☐	**MATH**	☐		
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.*

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

Student ID:
Student name:

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

Level 1 Actuarial Studies Core Courses		**Level 2 Actuarial Studies Core Courses**		**Level 3 Actuarial Studies Elective Courses** *(Choose 4 courses)*		**Optional Business Major** (Refer to table D1 for Major requirements)		**General Education Courses** *(Must be from a Faculty outside of the Business School)*	
(48UOC)		**(24UOC)**		**(24UOC)**		**(42-48UOC)**		**(12UOC)**	
ACTL1101	☐	**ACTL2102**	☐	**ACTL3141**	☐		☐		☐
COMM1140	☐	**ACTL2111**	☐	**ACTL3142**	☐		☐		☐
COMM1170	☐	**ACTL2131***	☐	**ACTL3151**	☐		☐		
COMM1180	☐	**COMM2501**	☐	**ACTL3162**	☐		☐		
ECON1101	☐			**ACTL3182**	☐		☐		
ECON1102	☐			**ACTL3191**	☐		☐		
MATH1151	☐			**ACTL3192**	☐	***Additional UOC***	☐		
MATH1251	☐			**ACTL3301**	☐	***Additional UOC***	☐		
				ACTL3143	☐				

**Additional UOC must be completed via non-award studies.*

**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.*

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

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

Please refer to the 2023 Handbook for any updates to the program and major rules: https://www.handbook.unsw.edu.au/undergraduate/programs/2023/3586

Accounting (ACCTA1)	Business Analytics (COMMJ1)	Behavioural Economics (ECONO1)	Business Economics (ECONF1)	Finance (FINSA1)	Financial Technology (FINSR1)
COMM1140	MATH1151/1251	ECON1101	ECON1101	COMM1180	MATH1151/1251
ACCT2511	COMM2822	MATH1151	MATH1151	FINS2618	FINS2618
ACCT2522	COMM3050	ECON2126	ECON2101/ ECON2112	FINS2615	FINS3645
ACCT2542	COMM2501	ECON2206	ECONF1 Elective	FINS2624	FINS3646
ACCT3563	Modelling 1 Elective	ECON3124	ECONF1 Elective	FINS3616	FINS3647
ACTL2111	Modelling 2 Elective	ECON2101 / ECON2112	ECONF1 Level 3 Elective	ACTL2111	FINS3648
ACCTA1 Level 3 Elective	Capstone	ECONO1 Level 3 Elective (ECON3XXX)	ECONF1 Level 3 Elective	FINSA1 Level 3 Elective	FINS2615 / FINS2624 / FINS3623 / FINS3630
ACCTA1 Level 3 Elective	COMMJ1 Level 3 Elective	ECONO1 Level 3 Elective	ECONF1 Level 3 Elective	FINSA1 Level 3 Elective	FINSR1 Elective
International Business (IBUSA1)	**Information Systems (INFSA1)**	**Marketing (MARKA1)**	**Human Resource Management (MGMTH1)**	**Innovation, Strategy and Entrepreneurship (MGMTJ1)**	**Taxation (TABLC1)**
ECON1102	MATH1151/1251	ECON1101	COMM1170	COMM1120	ECON1102
MGMT2101	INFS1603	MARK2012	MGMT2004	COMM1040	TABL2710
MGMT2102	INFS2602	MARK2052	MGMT2718	MGMT2001	TABL2751
MGMT3101	INFS2603	MARK2085	MGMT3701	MGMT2010	TABLC1 Elective
MGMT3102	INFS3604	MARK3054	MGMTH1 Elective Core	MGMT3001	TABLC1 Elective
IBUSA1 Elective	INFSA1 Elective	MARK3087	MGMTH1 Elective	MGMTJ1 Elective	TABLC1 Level 3 Elective
IBUSA1 Elective	INFSA1 Level 3 Elective	MARKA1 Elective	MGMTH1 Elective	MGMTJ1 Level 3 Elective	TABLC1 Level 3 Elective
IBUSA1 Level 3 Elective	INFSA1 Level 3 Elective	MARKA1 Level 3 Elective	MGMTH1 Level 3 Elective	MGMTJ1 Level 3 Elective	TABLC1 Level 3 Elective

Student ID:
Student name:

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STUDENTS NEED 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/2023/3586

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

Level 1 Actuarial Studies Core Courses		**Level 2 Actuarial Studies Core Courses**		**Level 3 Actuarial Studies Elective Courses**		**Free Electives#^** *(Can be a course from the Business School or other Faculties)*		**General Education Courses^** *(Must be from a Faculty outside of the Business School)*	
(48UOC)		**(24UOC)**		**(24UOC)**		**(36UOC)**		**(12UOC)**	
ACTL1101	☐	**ACTL2102^**	☐	**ACTL3141^**	☐	**ACTL3301^**	☐		☐
COMM1140^	☐	**ACTL2111^**	☐	**ACTL3142^**	☐	**ACTL3182^**	☐		☐
COMM1170^	☐	**ACTL2131*^**	☐	**ACTL3151^**	☐	**ACTL4001#**	☐		
COMM1180^	☐	**COMM2501**	☐	**ACTL3162^**	☐	**ACTL4002#**	☐		
ECON1101^	☐					**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)*

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

Student ID:
Student name:

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	MATH1151
ECON1101	COMM1180	ECON1102
	Free elective/Gen Ed	Free elective/Gen Ed

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