Bachelor of Actuarial Studies / Information Systems 3671

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/2023/3671**

Terminology	Definition
Compulsory First-Year Courses	Students must complete 54UOC (9 courses) of First-Year core course required for Actuarial Studies and Information Systems.
Compulsory Information Systems Core Courses	Students must complete 72UOC (12 courses) of level 1, 2 and 3 Information Systems Core Courses.
Work Integrated Learning Course (WIL)	Students must complete 6 UOC Work Integrated Learning (WIL) course within their program. This course can count as a free elective or where applicable, can count as a Commerce major elective or Synthesis course
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. Students in this program can complete INFS3603 in place of COMM2501. If students make this substitution, INFS3603 will count as an Actuarial Studies level 2 core and an Information Systems Prescribed elective. Please note that INFS3603 is still only worth 6UOC. See Table A1 for progression plan diagram.
Level 3 Actuarial Studies Elective Courses	Students must complete 24UOC (4 courses) of Actuarial Studies Level 3 electives. Students in this program can complete ACTL3142 in place of INFS3873. If students make this substitution, ACTL3142 will count as an Actuarial Studies level 3 elective and an Information Systems Prescribed elective. Please note that ACTL3142 is still only worth 6UOC. See Table A1 for progression plan diagram.
Prescribed Information Systems Electives	Students must complete 12UOC (2 courses) of Information Systems electives to focus on skills in data analytics, programming and/or information systems in organisations. Students in this program can complete INFS3603 in place of COMM2501. If students make this substitution, INFS3603 will count as an Actuarial Studies level 2 core and an Information Systems Prescribed elective. Please note that INFS3603 is still only worth 6UOC. See Table A1 for progression plan diagram.

	Students in this program can complete ACTL3142 in place of INFS3873. If students make this substitution, ACTL3142 will count as an Actuarial Studies level 3 elective and an Information Systems Prescribed elective. Please note that ACTL3142 is still only worth 6UOC. See Table A1 for progression plan diagram.
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 in this program will exceed the minimum required 192UOC if they choose to complete an optional Actuarial Studies Major. Students cannot complete both a default major and an optional Actuarial Studies major.
Free Electives	Free electives will be available for students who completes ACTL3142 and/or INFS3603 as substitutes. 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 to complete an optional approved major (additional UOC may apply)
Level 1 limit	The maximum level one limit in this degree is 72UOC (12 courses).
Overall Program UOC	Students must complete a minimum of 192 UOC (32 courses) across program requirements.

Student ID:
Student name:

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Table A. Actuarial Studies (Default) and Information Systems

Compulsory First-Year Courses		**Level 2 Actuarial Studies Core Courses**		**Level 3 Actuarial Studies Electives** *(Choose 4 courses)*		**Information Systems Core Courses**		**Prescribed Information Systems Electives** *(Choose 2 courses)*		**Compulsory WIL** *(Choose 1 course)*		**Free Electives** *(Can be a course from the Business School or other Faculties)*	
(48UOC)		**(24UOC)**		**(24UOC)**		**(72UOC)**		**(12UOC)**		**(6UOC)**		**(6UOC)**	
ACTL1101	☐	**ACTL2102**	☐	**ACTL3141**	☐	**INFS1602**	☐	**INFS3603**	☐	**COMM2222**	☐		☐
COMM1140	☐	**ACTL2111**	☐	**ACTL3142**	☐	**INFS1603**	☐	**INFS3830**	☐	**COMM2233**	☐		
COMM1170	☐	**ACTL2131***	☐	**ACTL3151**	☐	**INFS1701**	☐	**INFS3873**	☐	**COMM3030**	☐		
COMM1180	☐	**COMM2501**	☐	**ACTL3162**	☐	**INFS2603**	☐	**INFS3822**	☐				
ECON1101	☐			**ACTL3182**	☐	**INFS2608**	☐	**INFS2609**	☐				
ECON1102	☐			**ACTL3191**	☐	**INFS2701**	☐	**INFS3634**	☐				
MATH1151	☐			**ACTL3192**	☐	**INFS2822**	☐	**INFS2631**	☐				
MATH1251	☐			**ACTL3301**	☐	**INFS3604**	☐	**INFS2702**	☐				
				ACTL3143	☐	**INFS3605**	☐	**INFS3020**	☐				
						INFS3700	☐						
						INFS3701	☐						
						INFS3703	☐						

**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.*

***Note:** Actl/Infs students can complete INFS3603 to substitute COMM2501 requirements and complete ACTL3142 to substitute INFS3873 (6 UOC Information Systems Prescribed Elective), allowing room in program to complete Actuarial Exemption requirements and program requirements. See Example 1 below.*

Student ID:
Student name:

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Table A1. Actuarial Studies (Default) and Information Systems with Substitution

Compulsory First-Year Courses		**Level 2 Actuarial Studies Core Courses**		**Level 3 Actuarial Studies Electives** *(Choose ACTL3142 and 3 courses)*		**Information Systems Core Courses**		**Information Systems Prescribed Electives**		**Compulsory WIL** *(Choose 1 course)*		**Free Electives** *(Can be a course from the Business School or other Faculties)*	
(48UOC)		**(18UOC)**		**(24UOC)**		**(72UOC)**		**(6UOC)**		**(6UOC)**		**(18UOC)**	
ACTL1101	☐	**ACTL2102**	☐	**ACTL3141**	☐	**INFS1602**	☐	**INFS3603**	☐	**COMM2222**	☐		☐
COMM1140	☐	**ACTL2111**	☐	**ACTL3142**	☐	**INFS1603**	☐			**COMM2233**	☐		☐
COMM1170	☐	**ACTL2131***	☐	**ACTL3151**	☐	**INFS1701**	☐			**COMM3030**	☐		☐
COMM1180	☐			**ACTL3162**	☐	**INFS2603**	☐						
ECON1101	☐			**ACTL3182**	☐	**INFS2608**	☐						
ECON1102	☐			**ACTL3191**	☐	**INFS2701**	☐						
MATH1151	☐			**ACTL3192**	☐	**INFS2822**	☐						
MATH1251	☐			**ACTL3301**	☐	**INFS3604**	☐						
				ACTL3143	☐	**INFS3605**	☐						
						INFS3700	☐						
						INFS3701	☐						
						INFS3703	☐						

**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.*

***Note:** Actl/Infs students can **complete INFS3603 to substitute COMM2501** requirements and **complete ACTL3142 to substitute INFS3873 (6 UOC Information Systems Prescribed Elective)**, allowing room in program to complete Actuarial Exemption requirements and program requirements. **This is a one-way substitution** (i.e., Completing COMM2501 **DOES NOT** substitute Information Systems Prescribed electives. Completing INFS3873 **DOES NOT** substitute Level 3 Actuarial Studies Electives).*

Student ID:
Student name:

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IT IS RECOMMENDED STUDENTS TO CHECK THE ACTUARIES INSTITUTE WEBPAGE 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/2023/3671**

Example 1: Actuarial Studies (Default) and **Information Systems** and **meet the Actuaries Institute Foundation Program^ with Substitution**

Compulsory First-Year Courses		**Level 2 Actuarial Studies Core Courses**		**Level 3 Actuarial Studies Electives**		**Information Systems Core Courses**		**Information Systems Prescribed Electives**		**Compulsory WIL** *(Choose 1 course)*		**Free Electives** *(Can be a course from the Business School or other Faculties)*	
(48UOC)		**(18UOC)**		**(24UOC)**		**(72UOC)**		**(6UOC)**		**(6UOC)**		**(18UOC)**	
ACTL1101	☐	**ACTL2102^**	☐	**ACTL3141^**	☐	**INFS1602**	☐	**INFS3603**	☐	**COMM2222**	☐	**ACTL3301^**	☐
COMM1140^	☐	**ACTL2111^**	☐	**ACTL3142^**	☐	**INFS1603**	☐			**COMM2233**	☐	**ACTL3182^**	☐
COMM1170^	☐	**ACTL2131*^**	☐	**ACTL3151^**	☐	**INFS1701**	☐			**COMM3030**	☐		☐
COMM1180^	☐			**ACTL3162^**	☐	**INFS2603**	☐						
ECON1101^	☐					**INFS2608**	☐						
ECON1102^	☐					**INFS2701**	☐						
MATH1151	☐					**INFS2822**	☐						
MATH1251	☐					**INFS3604**	☐						
						INFS3605	☐						
						INFS3700	☐						
						INFS3701	☐						
						INFS3703	☐						

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 count towards exemption requirements.

***Note:** Actl/Infs students can **complete INFS3603 to substitute COMM2501** requirements and **complete ACTL3142 to substitute INFS3873 (6 UOC Information Systems Prescribed Elective)**, allowing room in program to complete Actuarial Exemption requirements and program requirements. **This is a one-way substitution** (i.e. Completing COMM2501 **DOES NOT** substitute Information Systems Prescribed electives. Completing INFS3873 **DOES NOT** substitute Level 3 Actuarial Studies Electives).*

Student ID:
Student name:

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

Compulsory First-Year Courses		Level 2 Actuarial Studies Core Courses		Level 3 Actuarial Studies Electives *(Choose ACTL3142 and 3 more courses from this list (NOT ACTL3151 / ACTL3143)*		Information Systems Core Courses		Information Systems Prescribed Electives		Compulsory WIL *(Choose 1 course)*		Actuarial Risk Management and Analytics (ACTLE1)	
(48UOC)		(18UOC)		(24UOC)		(72UOC)		(6UOC)		(6UOC)		(18UOC)	
ACTL1101	☐	ACTL2102	☐	ACTL3141	☐	INFS1602	☐	INFS3603	☐	COMM2222	☐	RISK2001	☐
COMM1140	☐	ACTL2111	☐	ACTL3142	☐	INFS1603	☐			COMM2233	☐	ACTLE1 Elective	☐
COMM1170	☐	ACTL2131*	☐	ACTL3151 X		INFS1701	☐			COMM3030	☐	ACTLE1 Elective	☐
COMM1180	☐			ACTL3162	☐	INFS2603	☐					ACTLE1 Elective *Additional UOC*	☐
ECON1101	☐			ACTL3182	☐	INFS2608	☐						
ECON1102	☐			ACTL3191	☐	INFS2701	☐						
MATH1151	☐			ACTL3192	☐	INFS2822	☐						
MATH1251	☐			ACTL3301	☐	INFS3604	☐						
				ACTL3143 X		INFS3605	☐						
						INFS3700	☐						
						INFS3701	☐						
						INFS3703	☐						

**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.*

***Note:** Actl/Infs students can **complete INFS3603 to substitute COMM2501** requirements and **complete ACTL3142 to substitute INFS3873 (6 UOC Information Systems Prescribed Elective)**, allowing room in program to complete Actuarial Exemption requirements and program requirements. **This is a one-way substitution** (i.e. Completing COMM2501 **DOES NOT** substitute Information Systems Prescribed electives. Completing INFS3873 **DOES NOT** substitute Level 3 Actuarial Studies Electives).*

Additional UOC must be completed via non-award studies.

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

Students completing the Actuarial Risk Management and Analytics major will need to take additional 6UOC even after the substitution.

Student ID:
Student name:

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Table B2. Optional Actuarial Studies major: Quantitative Data Science (MATHE1) (66 UOC) and Information Systems with Substitution

Compulsory First-Year Courses		Level 2 Actuarial Studies Core Courses		Level 3 Actuarial Studies Core Courses *(Choose ACTL3141 and ACTL3142 and 2 more courses from this list)*		Information Systems Core Courses		Information Systems Prescribed Electives		Compulsory WIL *(Choose 1 course)*		Quantitative Data Science (MATHE1)	
(48UOC)		(18UOC)		(24UOC)		(72UOC)		(6UOC)		(6UOC)		(18UOC)	
ACTL1101	☐	ACTL2102	☐	ACTL3141	☐	INFS1602	☐	INFS3603	☐	COMM2222	☐	MATH2931 *(in place of MATH2831)*	☐
COMM1140	☐	ACTL2111	☐	ACTL3142	☐	INFS1603	☐			COMM2233	☐	MATH2871	☐
COMM1170	☐	~~ACTL2131*~~ MATH2901	☐	ACTL3151	☐	INFS1701	☐			COMM3030	☐	MATH3821	☐
COMM1180	☐			ACTL3162	☐	INFS2603	☐					MATH3871 *Additional UOC*	☐
ECON1101	☐			ACTL3182	☐	INFS2608	☐					MATHE1 Elective *Additional UOC*	☐
ECON1102	☐			ACTL3191	☐	INFS2701	☐						
MATH1151	☐			ACTL3192	☐	INFS2822	☐						
MATH1251	☐			ACTL3301	☐	INFS3604	☐						
				ACTL3143	☐	INFS3605	☐						
						INFS3700	☐						
						INFS3701	☐						
						INFS3703	☐						

**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.

Note: *Actl/Infs students can* ***complete INFS3603 to substitute COMM2501*** *requirements and* ***complete ACTL3142 to substitute INFS3873 (6 UOC Information Systems Prescribed Elective),*** *allowing room in program to complete Actuarial Exemption requirements and program requirements.* ***This is a one-way substitution*** *(i.e. Completing COMM2501* ***DOES NOT*** *substitute Information Systems Prescribed electives. Completing INFS3873* ***DOES NOT*** *substitute Level 3 Actuarial Studies Electives).*

Students completing the Quantitative Data Science major will need to take additional 12UOC even after the substitution.

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**
INFS1602	ACTL1101	INFS1701
INFS1603	ECON1101	INFS2603
MATH1151	MATH1251	COMM1140

Commencing in T2		
T2 Enrolment	**T3 Enrolment**	**T1 Enrolment**
INFS1603	INFS1602	MATH1151
ECON1101	INFS1701	ECON1102
COMM1140	COMM1170	COMM1180

Commencing in T3		
T3 Enrolment	**T1 Enrolment**	**T2 Enrolment**
INFS1701	MATH1151	MATH1251
ECON1101	ECON1102	ACTL1101
INFS1602	INFS1603	COMM1140