



**Contents**

**Program and Course Terminology .....2**

**Table A. Actuarial Studies (Default) and Information Systems .....4**

**Table A1. Actuarial Studies (Default) and Information Systems with Substitution.....5**

**Example 1: Actuarial Studies (Default) and Information Systems and meet the Actuaries Institute Foundation Program^ with Substitution.... 6**

**Table B1. Optional Actuarial Studies major: **Actuarial Risk Management and Analytics (ACTLE1) (48 UOC)** and Information Systems with Substitution.....7**

**Table B2. Optional Actuarial Studies major: **Quantitative Data Science (MATHE1) (66 UOD4.3 (-))C ET/TOCI 5MCID 26.96 12.6 re.MMMMMM(D4. 1.3 (()-6****

## Program and Course Terminology

<https://www.handbook.unsw.edu.au/undergraduate/programs/2024/3671>

Terminology	Definition
Compulsory First-Year Courses	
Compulsory Information Systems Core Courses	
Work Integrated Learning Course (WIL)	
Level 2 Actuarial Studies Core Courses	
Level 3 Actuarial Studies Elective Courses	
Prescribed Information Systems Electives	

**Optional Actuarial  
Studies**

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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	Information Systems Core Courses
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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*	•	ACTL3143	•	INFS1701	•			COMM3030	•		•
COMM1180	•			ACTL3151	•	INFS2603	•						
ECON1101	•			ACTL3162	•	INFS2608	•						
ECON1102	•			ACTL3182	•	INFS2701	•						
MATH1151	•			ACTL3191	•	INFS2822	•						
MATH1251	•			ACTL3192	•	INFS3604	•						
				ACTL3301	•	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).

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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

<https://www.handbook.unsw.edu.au/undergraduate/programs/2024/3671>

Example 1: Actuarial Studies (Default)    Information Systems    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	•	ACTL3182^	
COMM1140^	•	ACTL2111^	•	ACTL3142^		INFS1603	•			COMM2233	•	ACTL3301^	•

COMM1170

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Table B1. Optional Actuarial Studies major: **Actuarial Risk Management and Analytics (ACTLTw [Ao8 (l)4.9 ( A)3.1 (c)5.8 (tu)0g6cc (ct)-6.4 (u)-5.4 (a)-12.3 (r)0 04tp6 #MCID 4 T**

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