

# Bachelor of Actuarial Studies / Law 4737

## Progression Plan for 2022 Commencing Students

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## Program and Course Terminology

Please refer to the 2022 Handbook for the program and major rules: <https://www.handbook.unsw.edu.au/undergraduate/programs/2022/4737>

Terminology	Definition
<b>Program compulsory core courses</b>	72UOC of compulsory core courses which students must complete under this degree.
<b>Level 1 Actuarial Studies Core Courses</b>	Students must complete 48UOC (8 courses) of level 1 courses.
<b>Level 2 Actuarial Studies Core Courses</b>	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.
<b>Level 3 Actuarial Studies Elective Courses</b>	Students must complete 24UOC (4 courses) of Actuarial Studies Level 3 Core Courses.
<b>Optional Actuarial Studies Majors</b>	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.**

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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)	
(48UOC)		(24UOC)		(24UOC)	
ACTL1101	<input type="checkbox"/>	ACTL2102	<input type="checkbox"/>	ACTL3141	<input type="checkbox"/>
COMM1140	<input type="checkbox"/>	ACTL2111	<input type="checkbox"/>	ACTL3142	<input type="checkbox"/>
COMM1170	<input type="checkbox"/>	ACTL2131*	<input type="checkbox"/>	ACTL3151	<input type="checkbox"/>
COMM1180	<input type="checkbox"/>	COMM2501	<input type="checkbox"/>	ACTL3162	<input type="checkbox"/>
ECON1101	<input type="checkbox"/>			ACTL3182	<input type="checkbox"/>
ECON1102	<input type="checkbox"/>			ACTL3191	<input type="checkbox"/>
MATH1151	<input type="checkbox"/>			ACTL3192	<input type="checkbox"/>
MATH1251	<input type="checkbox"/>			ACTL3301	<input type="checkbox"/>
				ACTL3143	<input type="checkbox"/>
<p><i>*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.</i></p>					

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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 <i>(Choose ACTL3142 and 3 more courses from this list (NOT ACTL3151 / ACTL3143) to meet major and level 3 Actuarial Studies core course requirements)</i>		Actuarial Risk Management and Analytics (ACTLE1)	
(48UOC)		(24UOC)		(24UOC)		(24 ADDITIONAL UOC)	
ACTL1101	<input type="checkbox"/>	ACTL2102	<input type="checkbox"/>	ACTL3141	<input type="checkbox"/>	<b>RISK2001</b> <i>Additional UOC</i>	<input type="checkbox"/>
COMM1140	<input type="checkbox"/>	ACTL2111	<input type="checkbox"/>	<b>ACTL3142</b>	<input type="checkbox"/>	<b>ACTLE1 Elective</b> <i>Additional UOC</i>	<input type="checkbox"/>
COMM1170	<input type="checkbox"/>	ACTL2131*	<input type="checkbox"/>	ACTL3151 X		<b>ACTLE1 Elective</b> <i>Additional UOC</i>	<input type="checkbox"/>
COMM1180	<input type="checkbox"/>	COMM2501	<input type="checkbox"/>	ACTL3162	<input type="checkbox"/>	<b>ACTLE1 Elective</b> <i>Additional UOC</i>	<input type="checkbox"/>
ECON1101	<input type="checkbox"/>			ACTL3182	<input type="checkbox"/>		
ECON1102	<input type="checkbox"/>			ACTL3191	<input type="checkbox"/>		
MATH1151	<input type="checkbox"/>			ACTL3192	<input type="checkbox"/>		
MATH1251	<input type="checkbox"/>			ACTL3301	<input type="checkbox"/>		
				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

Note: Student will take **24 additional UOC** to complete 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 <i>(Choose ACTL3141 and ACTL3142 and 2 more courses from this list)</i>		Quantitative Data Science (MATHE1)	
(48UOC)		(24UOC)		(24UOC)		(30 ADDITIONAL UOC)	
ACTL1101	<input type="checkbox"/>	ACTL2102	<input type="checkbox"/>	ACTL3141	<input type="checkbox"/>	MATH2931 <i>(in place of MATH2831) Additional UOC</i>	<input type="checkbox"/>
COMM1140	<input type="checkbox"/>	ACTL2111	<input type="checkbox"/>	ACTL3142	<input type="checkbox"/>	MATH2871 <i>Additional UOC</i>	<input type="checkbox"/>
COMM1170	<input type="checkbox"/>	ACTL2131* MATH2901	<input type="checkbox"/>	ACTL3151	<input type="checkbox"/>	MATHE1 Elective <i>Additional UOC</i>	<input type="checkbox"/>
COMM1180	<input type="checkbox"/>	COMM2501	<input type="checkbox"/>	ACTL3162	<input type="checkbox"/>	MATH3821 <i>Additional UOC</i>	<input type="checkbox"/>
ECON1101	<input type="checkbox"/>			ACTL3182	<input type="checkbox"/>	MATH3871 <i>Additional UOC</i>	<input type="checkbox"/>
ECON1102	<input type="checkbox"/>			ACTL3191	<input type="checkbox"/>		
MATH1151	<input type="checkbox"/>			ACTL3192	<input type="checkbox"/>		
MATH1251	<input type="checkbox"/>			ACTL3301	<input type="checkbox"/>		
				ACTL3143	<input type="checkbox"/>		

\*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: Student will take **30 additional UOC** to complete major requirement

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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 2022 Handbook for the program and major rules: <https://www.handbook.unsw.edu.au/undergraduate/programs/2022/4737>

**Example: Actuarial Studies major (Default) and meet the Actuaries Institute Foundation Program<sup>^</sup> and Actuary Program<sup>#</sup> requirements**

Level 1 Actuarial Studies Core Courses		Level 2 Actuarial Studies Core Courses		Level 3 Actuarial Studies Elective Courses		Additional courses required to meet exemption requirements	
(48UOC)		(24UOC)		(24UOC)	<input type="checkbox"/>	(30 ADDITIONAL UOC)	
ACTL1101	<input type="checkbox"/>	ACTL2102 <sup>^</sup>	<input type="checkbox"/>	ACTL3141 <sup>^</sup>	<input type="checkbox"/>	ACTL3301 <sup>^</sup> <i>Additional UOC</i>	<input type="checkbox"/>
COMM1140 <sup>^</sup>	<input type="checkbox"/>	ACTL2111 <sup>^</sup>	<input type="checkbox"/>	ACTL3142 <sup>^</sup>	<input type="checkbox"/>	ACTL3182 <sup>^</sup> <i>Additional UOC</i>	<input type="checkbox"/>
COMM1170 <sup>^</sup>	<input type="checkbox"/>	ACTL2131 <sup>**^</sup>	<input type="checkbox"/>	ACTL3151 <sup>^</sup>	<input type="checkbox"/>	ACTL4001 <sup>#</sup> <i>Additional UOC</i>	<input type="checkbox"/>
COMM1180 <sup>^</sup>	<input type="checkbox"/>	COMM2501	<input type="checkbox"/>	ACTL3162 <sup>^</sup>	<input type="checkbox"/>	ACTL4002 <sup>#</sup> <i>Additional UOC</i>	<input type="checkbox"/>
ECON1101 <sup>^</sup>	<input type="checkbox"/>					ACTL4305 <sup>#</sup> <i>Additional UOC</i>	<input type="checkbox"/>
ECON1102 <sup>^</sup>	<input type="checkbox"/>						
MATH1151	<input type="checkbox"/>						
MATH1251	<input type="checkbox"/>						

*\*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.*

Note: Student will take 30 **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	ECON1101
LAWS1052	LAWS1061	LAWS1150
MATH1151	MATH1251	

Commencing in T3		
T3 Enrolment	T1 Enrolment	T2 Enrolment
COMM1140	MATH1151	MATH1251
ECON1101	COMM1170	LAWS1061
	LAWS1052	ACTL1101