

## Sample Study Outline

# Actuarial Studies

Program / Degree: [3587 Actuarial Studies \(Co-op\)](#)

Year	Term 1	UOC	Term 2	UOC	Term 3	UOC
1 <sup>st</sup> (2026)	MATH1151 Mathematics for Actuarial Studies and Finance 1A	6	MATH1251 Mathematics for Actuarial Studies and Finance 1B ACTL1101 Intro to Actuarial Studies ECON1102 Macroeconomics 2	6 6 6	COMM1170 Organisational Resources COMM1180 Value Creation ACTL2131 Probability and Mathematical Statistics	6 6 6
	ECON1101 Microeconomics 1 COMM1240 Financial Management for Actuarial Studies	6				
	Total UOC	18	Total UOC	18	Total UOC	18
2 <sup>nd</sup> (2027)	ACTL2111 Financial Mathematics for Actuaries	6	ACTL2102 Foundations of Actuarial Models <b>ACTL2101 Industry Training 1</b>	6 <b>12</b>	ACTL3162 General Insurance Techniques <i>ACTL4305 Actuarial Data Science Applications</i> <i>Elective* II</i>	6 6 6
	ACTL3142 Statistical Machine Learning for Risk and Actuarial Applications <i>Elective* I</i>	6				
	Total UOC	18	Total UOC	18	Total UOC	18
3 <sup>rd</sup> (2028*)	<b>ACTL3202 Industry Training 2</b>	6	ACTL3151 Actuarial Mathematics for Insurance and Superannuation	<b>12</b> 6	<b>ACTL3303 Industry Training 3</b> ACTL3182 Asset-Liability and Derivative Models	6 6
	Total UOC					
4 <sup>th</sup> (2029*)	ACTL3141 Modelling and Prediction of Life and Health Related Risks	6	ACTL4001 <i>Actuarial Theory &amp; Practice A</i> <i>Elective* III</i> <i>Gen Ed</i>	6 6 6 6	ACTL4002 <i>Actuarial Theory &amp; Practice B</i> ACTL3301 Quantitative Risk Management <i>Gen Ed</i> <i>Elective* IV</i>	6 6 6 6
	Total UOC					

**Note on Exchange:** Exchange recommended in 2<sup>nd</sup> year or 4<sup>th</sup> year T3.

**Notes:** \*UNSW calendar will move from 3-trimester model to 2-semester model in 2028 so the sample study outline from 3<sup>rd</sup> to 4<sup>th</sup> year is tentative and will be subject to change later.

- This is a SAMPLE study outline only and can be subject to change.
- You must always take your Industry Training schedule into consideration when planning your course enrolment or other commitments (see diagram below).
- You must satisfy Bachelor of Actuarial Studies and General Education Requirements, as well as the complete all courses to achieve the Part I Professional Subjects of the IAAust and attempt the Part II Professional subjects available at UNSW (*ACTL4001, ACTL4002 & ACTL4305*)
- You must complete 12 UOC of General Education.

**Resources:**

- [UNSW Handbook:](#)
- [School:](#)
- [Co-op:](#)

**Co-op Academic Coordinator**

For enrolment related questions please always contact your Co-op Academic Coordinator in the first instance:

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**When would I be on Industry Training (IT)?**

