Bachelor of Actuarial Studies/Computer Science 3674

Progression Plan for 2020 Commencing Students

Terminology	Definition
Program compulsory core courses	60UOC of compulsory core courses which students must complete under this degree.
Actuarial Studies Level 3 electives	Choose 18UOC of Level 3 elective course from Actuarial Studies elective list.
UNSW Business School Elective	18UOC in UNSW Business School courses to ensure a student completes a minimum of 96UOC of Business courses within the UNSW Business School.

Please refer to the 2020 Online Handbook for the program and major rules:
https://www.handbook.unsw.edu.au/undergraduate/programs/2020/3674

Table A. Actuarial Studies major (default); Computer Science major: _____

Compulsory First Year core courses		Compulsory Second Year core courses		Actuarial studies Level 3 elective courses (choose 3)		UNSW Business School electives	
(42UOC)	Term	(18UOC)	Term	(18UOC)	Term	(18UOC)	Term
ACCT1501		ACTL2111		1. ACTL3141		1.	
ACCT1511		ACTL2131 *		2. ACTL3142		2.	
ACTL1101		ACTL2102		3. ACTL3151		3.	
ECON1101				4. ACTL3162			
ECON1102				5. ACTL3182			
FINS1613				6. ACTL3191			
MGMT1001				7. ACTL3192			
*MATH1151^*							
*MATH1251^*							
						Total number of completed UOC:	

^ MATH1151 & MATH1251 are compulsory core courses that count towards the Computer Science component, therefore need to complete another 18uoc of UNSW Business School electives to satisfy the 96uoc depth component.

*Students may replace ACTL2131 with the two courses MATH2901 Higher Theory of Statistics and MATH2931 Higher Linear Models. If students make this replacement, the first of these courses (i.e. MATH2901) will count towards ACTL2131, and the second course (MATH2931) can be counted towards another major where this course is required or as a Business elective.

Program Checklist:
- ☐ I have completed a minimum of 96UOC (16 courses) for the Actuarial Studies component
- ☐ I have completed no more than 60UOC of level one courses for this dual degree

Part I & II Exemptions: https://www.business.unsw.edu.au/about/schools/risk-actuarial/degrees/professional-recognition/accreditation-exemptions

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Table B. Actuarial Risk Management & Analytics major (48UOC); Computer Science major: _____

Compulsory First Year core courses		Compulsory Second Year core courses		Actuarial studies Level 3 elective courses (choose ACTL3142 and two more from below)		UNSW Business School electives	
(42UOC)	Term	(18UOC)	Term	(18UOC)	Term	(18UOC)	Term
ACCT1501		ACTL2111		1. ACTL3141		1. RISK2001	
ACCT1511		ACTL2131 *		2. ACTL3142		2. ACTL/RISK	
ACTL1101		ACTL2102		3. ACTL3151		3. ACTL/RISK	
ECON1101				4. ACTL3162		ACTL/RISK (extra course)	
ECON1102				5. ACTL3182		ACTL/RISK (extra course)	
FINS1613				6. ACTL3191			
MGMT1001				7. ACTL3192			
MATH1151^							
MATH1251^							
Note: students with this major will need to complete an additional 12uoc on top of their minimum UOC requirements to graduate						**Total number of completed UOC:**	

Please note that ACTL3151 and ACTL3162 are not Actuarial Risk Management & Analytics major courses.

^ MATH1151 & MATH1251 are compulsory core courses that count towards the Science component, therefore need to complete another 18uoc of UNSW Business School electives to satisfy the 96uoc depth component.
*Students may replace ACTL2131 with the two courses MATH2901 Higher Theory of Statistics and MATH2931 Higher Linear Models. If students make this replacement, the first of these courses (i.e. MATH2901) will count towards ACTL2131, and the second course (MATH2931) can be counted towards another major where this course is required or as a Business elective.

Program Checklist:
- □   I have completed a minimum of 96UOC (16 courses) for the Actuarial Studies component
- □   I have completed no more than 60UOC of level one courses for this dual degree

Part I & II Exemptions: https://www.business.unsw.edu.au/about/schools/risk-actuarial/degrees/professional-recognition/accreditation-exemptions

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Table C. Quantitative Data Science major (66UOC); Computer Science major: _____

Compulsory First Year core courses		Compulsory Second Year core courses		Actuarial studies Level 3 elective courses (choose 3)		UNSW Business School electives	
(42UOC)	**Term**	**(18UOC)**	**Term**	(18UOC)	**Term**	(18UOC)	**Term**
ACCT1501		**ACTL2111**		1. ACTL3141		1. MATH2831/MATH2931	
ACCT1511		**ACTL2131 ***		2. ACTL3142		2. MATH2871	
ACTL1101		**ACTL2102**		3. ACTL3151		3. MATH2801/MATH2901	
ECON1101				4. ACTL3162		MATH3821	
ECON1102				5. ACTL3182		MATH3871	
FINS1613				6. ACTL3191		Major elective	
MGMT1001				7. ACTL3192			
*MATH1151^*							
*MATH1251^*							
Note: students with this major will need to complete an additional 18uoc on top of their minimum UOC requirements to graduate							

^ *MATH1151 & MATH1251 are compulsory core courses that count towards the Computer Science component, therefore need to complete another 18uoc of UNSW Business School electives to satisfy the 96uoc depth component.*

Students may replace ACTL2131 with the two courses MATH2901 Higher Theory of Statistics and MATH2931 Higher Linear Models. If students make this replacement, the first of these courses (i.e. MATH2901) will count towards ACTL2131, and the second course (MATH2931) can be counted towards another major where this course is required or as a Business elective.

Program Checklist:
- □   I have completed a minimum of 96UOC (16 courses) for the Actuarial Studies component
- □   I have completed no more than 60UOC of level one courses for this dual degree

Part I & II Exemptions: https://www.business.unsw.edu.au/about/schools/risk-actuarial/degrees/professional-recognition/accreditation-exemptions

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Example: Bachelor of Actuarial Studies; meet the Actuaries Institute Part I & Partial Part II requirements.

Compulsory First Year core courses		Compulsory Second Year core courses		Actuarial studies Level 3 elective courses (choose 3)		UNSW Business School electives	
(42UOC)	Term	(18UOC)	Term	(18UOC)	Term	(18UOC)	Term
ACCT1501^		ACTL2111^		1. ACTL3141^		1. ACTL3142^	
ACCT1511^		ACTL2131 *^		2. ACTL3151^		2. ACTL3182^	
ACTL1101		ACTL2102^		3. ACTL3162^		3. ACTL4001^	
ECON1101^						ACTL4002^ (extra course)	
ECON1102^						ACTL4305^ (extra course)	
FINS1613^							
MGMT1001							
MATH1151#							
MATH1251#							
^Part I & Partial Part II required courses: From 2020, the Part II will be replaced by the Actuary Program which consists of two components. One component is delivered by accredited universities. The other component is delivered by the Actuaries Institute. See here for more information.							

 # MATH1151 & MATH1251 are compulsory core courses that count towards the Computer Science component, therefore need to complete another 18uoc of UNSW Business School electives to satisfy the 96uoc depth component.

*Students may replace ACTL2131 with the two courses MATH2901 Higher Theory of Statistics and MATH2931 Higher Linear Models. If students make this replacement, the first of these courses (i.e. MATH2901) will count towards ACTL2131, and the second course (MATH2931) can be counted towards another major where this course is required or as a Business elective.

Program Checklist:
- ☐   I have completed a minimum of 96UOC (16 courses) for the Actuarial Studies component
- ☐   I have completed no more than 60UOC of level one courses for this dual degree

Part I & II Exemptions: https://www.business.unsw.edu.au/about/schools/risk-actuarial/degrees/professional-recognition/accreditation-exemptions

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First Year Enrolment Recommendation for Program 3674 Actuarial Studies/Computer Science in Different Commencing Terms

Commencing in Term 1

T1	T2	T3
Enrolment	**Enrolment**	**Enrolment**
MATH1151	ACCT1501	ACTL1101
COMP1511	MATH1251	COMP2521
MATH1081	ECON1101	

Commencing in Term 2

T2	T3	T1
Enrolment	**Enrolment**	**Enrolment**
ACCT1501	ECON1101	MATH1151
COMP1511	COMP2521	MGMT1001
	FINS1613	MATH1081

Commencing in Term 3

T3	T1	T2
Enrolment	**Enrolment**	**Enrolment**
ACCT1501	MATH1081	COMP2521
ECON1101	MATH1151	MATH1251
COMP1511	FINS1613	

Note: For Computer Science component study, you may refer to the study plan for reference, or contact Engineering Student Support Services.

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