Bachelor of Actuarial Studies/Information Systems 3671 Progression Plan for 2021 Commencing Students

Terminology	Definition
Compulsory Actuarial Studies core courses and Actuarial Studies electives	66UOC of compulsory first and second year Actuarial Studies which students must complete. Choose 24UOC (4 courses) from the Level 3 Actuarial Studies elective list.
Compulsory Information Systems core courses	72 UOC of compulsory Information Systems core courses which students must complete
Free Elective	Up to 30UOC of free elective courses which students need to complete under this degree. These courses can be from Business School or other faculties. Maximum level one limit in this dual degree is 72UOC.
Free electives	Courses from Business School or other faculties. Note: GEN coded courses cannot count as a Free Elective.

Table A. Actuarial Studies major (default); Information Systems major

Compulsory First Year core courses		Compulsory Second Year core courses		Actuarial studies Level 3 elective courses (choose 4 from the following list)		Compulsory Information Systems core courses		Free electives (from Business School or other Faculties)	
(48UOC)	**Term**	**(18UOC)**	**Term**	**(24UOC)**	**Term**	**(72UOC)**	**Term**	**(30UOC)**	**Term**
COMM1140		**ACTL2111**		ACTL3141		1. **INFS1602**		1.	
COMM1170		**ACTL2131 ^**		ACTL3142		2. **INFS1603**		2.	
COMM1180		**ACTL2102**		ACTL3151		3. **INFS1609**		3.	
ACTL1101				ACTL3162		4. **INFS2603**		4.	
ECON1101				ACTL3182		5. **INFS2605**		5.	
ECON1102				ACTL3191		6. **INFS2608**			
MATH1151				ACTL3192		7. **INFS2621**			
MATH1251						8. **INFS3603**			
						9. **INFS3604**			
						10. **INFS3605**			
						11. **INFS3617**			
						12. **INFS3634**			

^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 Business elective.

Program Checklist:
- ☐ I have completed a minimum of 192UOC (32 courses) for this program
- ☐ I have completed 66UOC of compulsory first and second year core courses for Actuarial Studies
- ☐ I have completed a minimum of 24UOC of Level 3 Actuarial Studies electives
- ☐ I have completed 72UOC (12 courses) of Information Systems core courses
- ☐ I have completed no more than 72UOC of level one courses

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Table B. Actuarial Risk Management & Analytics major (48UOC); Information Systems major

Compulsory First Year core courses		Compulsory Second Year core courses		Actuarial studies Level 3 elective courses (choose ACTL3142 and three more from below)		Compulsory Information Systems core courses		Free electives (from Business School or other Faculties)	
(48UOC)	Term	(18UOC)	Term	(24UOC)	Term	(72UOC)	Term	(30UOC)	Term
COMM1140		ACTL2111		ACTL3141		1. INFS1603		1. RISK2001	
COMM1170		ACTL2131		ACTL3142		2. INFS1609		2. Major elective	
COMM1180		ACTL2102		ACTL3151		3. INFS1602		3. Major elective	
ACTL1101				ACTL3162		4. INFS2603		4. Major elective	
ECON1101				ACTL3182		5. INFS2605		5.	
ECON1102				ACTL3191		6. INFS2608			
MATH1151				ACTL3192		7. INFS2621			
MATH1251						8. INFS3603			
						9. INFS3604			
						10. INFS3605			
						11. INFS3617			
						12. INFS3634			

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

Program Checklist:

- □ I have completed a minimum of 192UOC (32 courses) for this program
- □ I have completed 66UOC of compulsory first and second year core courses for Actuarial Studies
- □ I have completed a minimum of 24UOC of Level 3 Actuarial Studies electives
- □ I have completed 72UOC (12 courses) of Information Systems core courses
- □ I have completed no more than 72UOC of level one courses

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Table C. Quantitative Data Science major (66UOC); Information Systems major

Compulsory First Year core courses	Term	Compulsory Second Year core courses	Term	Actuarial studies Level 3 elective courses (choose 4 from the following list)	Term	Compulsory Information Systems core courses	Term	Free electives (from Business School or other Faculties)	Term
(48UOC)	Term	(18UOC)	Term	(24UOC)	Term	(72UOC)	Term	(30UOC)	Term
COMM1140		ACTL2111		ACTL3141		1. INFS1603		1. MATH2801 or MATH2901	
COMM1170		ACTL2131		ACTL3142		2. INFS1609		2. MATH2831 or MATH2931	
COMM1180		ACTL2102		ACTL3151		3. INFS1602		3. MATH2871	
ACTL1101				ACTL3162		4. INFS2603		4. MATH3821	
ECON1101				ACTL3182		5. INFS2605		5. MATH3871	
ECON1102				ACTL3191		6. INFS2608		Major elective (one extra course	
MATH1151				ACTL3192		7. INFS2621		are needed)	
MATH1251						8. INFS3603			
						9. INFS3604			
						10. INFS3605			
						11. INFS3617			
						12. INFS3634			

Note: students with this major will need to complete additional 6uoc on top of their minimum UOC requirements to graduate

Program Checklist:
- ☐   I have completed a minimum of 192UOC (32 courses) for this program
- ☐   I have completed 66UOC of compulsory first and second year core courses for Actuarial Studies
- ☐   I have completed a minimum of 24UOC of Level 3 Actuarial Studies electives
- ☐   I have completed 72UOC (12 courses) of Information Systems core courses
- ☐   I have completed no more than 72UOC of level one courses

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Example: Actuarial Studies major (default); meet the Actuaries Institute Foundation Program^ and Actuary Program# requirements

Compulsory First Year core courses		Compulsory Second Year core courses		Actuarial studies Level 3 elective courses (choose 4 from the following list)		Compulsory Information Systems core courses		Free electives (from Business School or other Faculties)	
(48UOC)	Term	(18UOC)	Term	(24UOC)	Term	(72UOC)	Term	(30UOC)	Term
COMM1140 ^		ACTL2111 ^		ACTL3141 ^		1. INFS1602		1. ACTL3182 ^	
COMM1170 ^		ACTL2131 *^		ACTL3142 ^		2. INFS1603		2. ACTL3301 ^	
COMM1180 ^		ACTL2102 ^		ACTL3151 ^		3. INFS1609		3. ACTL4001#	
ACTL1101				ACTL3162 ^		4. INFS2603		4. ACTL4002#	
ECON1101 ^				ACTL3182		5. INFS2605		5. ACTL4305#	
ECON1102 ^				ACTL3191		6. INFS2608			
MATH1151				ACTL3192		7. INFS2621			
MATH1251						8. INFS3603			
						9. INFS3604			
						10. INFS3605			
						11. INFS3617			
						12. INFS3634			

*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 Business elective.

*^ MATH2901 may replace ACTL2131 and meet exemption requirements

Program Checklist:
- ☐ I have completed a minimum of 192UOC (32 courses) for this program
- ☐ I have completed 66UOC of compulsory first and second year core courses for Actuarial Studies
- ☐ I have completed a minimum of 24UOC of Level 3 Actuarial Studies electives
- ☐ I have completed 72UOC (12 courses) of Information Systems core courses
- ☐ I have completed no more than 72UOC of level one courses
- ☐ Exemption requirements: https://www.business.unsw.edu.au/about/schools/risk-actuarial/degrees/professional-recognition/

PLEASE USE THIS DIAGRAM AS REFERENCE ONLY. IT DOES NOT REPLACE THE HANDBOOK AS GUIDE FOR PROGRAM REQUIREMENTS. IT IS RECOMMENDED STUDENTS TO CHECK THE ACTUARIES INSTITUTE WEBPAGE AND THE BUSINESS SCHOOL WEBPAGE FOR ANY UPDATES ON EXEMPTION REQUIREMENTS

First Year Enrolment Recommendation for Program 3671 Actuarial Studies/Information Systems in Different Commencing Terms

Commencing in T1		
T1 Enrolment	T2 Enrolment	T3 Enrolment
INFS1602	ECON1101	COMM1140
INFS1603	ACTL1101	INFS2603
MATH1151	MATH1251	INFS1609

Commencing in T2		
T2 Enrolment	T3 Enrolment	T1 Enrolment
COMM1140	INFS1609	MATH1151
ECON1101	COMM1170	ECON1102
INFS1603	INFS1602	

Commencing in T3		
T3 Enrolment	T1 Enrolment	T2 Enrolment
COMM1140	INFS1602	MATH1251
ECON1101	INFS1609	ECON1102
INFS1603	MATH1151	ACTL1101

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