



Advanced Science core Major Science elective Free Elective General Education Elective

CORE ADVANCED MATHS PROGRAM (144 UOC)

SCIF1121 or SCIF1131 (6UOC)	ACCT1501 Accounting & Financial Mgt 1A (6UOC)	ECON1011 Micro economics (6UOC)	FINS1613 Business Finance (6UOC)	MATH1151 Actuarial & Finance 1A (6UOC)	MATH1251 Actuarial & Finance 1B (6UOC)	SCIENCE ELECTIVE Level 1 (6UOC)
ACTL2001 Financial Mathematics (6UOC)	FINS2624 Portfolio Mgmt (6UOC)	MATH2111 Higher Several Variable Calc (6UOC)	MATH2601 Higher Linear Algebra (6UOC)	MATH2881 Quantitative Risk (6 UOC)	<ul style="list-style-type: none"> •Is there 24 UOC of level I 'Science' courses included in the major? (Yes – no further level I Science courses required to be taken as electives) •Is there 30 UOC of level III courses included in the major? (Yes – no further level III Science courses required to be taken as electives). •'Science' courses are defined as per Table 1. •Higher level courses where available at level II and III in a major must be taken. 	
MATH2901 Higher Theory Of Statistics (6UOC)	MATH2931 Higher Linear Models (6UOC)	<p>•Recommended Electives (the following courses are not required for this major, but are recommended as good complementary courses when selecting electives): COMP1911, FINS1612, MATH1081</p>				
ACTL3003 Insurance Risk Models (6UOC)	FINS3635 Options, Futures & Risk Mgmt (6UOC)	MATH3901 Higher Prob & Stochastic Proc (6UOC)	FINS3636 or FINS3655 (6UOC)	<p>12 UOC Level III MATH or STATS courses chosen with the approval of the School Honours Co-ordinator or nominee</p>		

BREADTH (24UOC)

Free elective (6UOC)	Free elective (6 UOC)
General Education Elective (6 UOC)	General Education Elective (6 UOC)

NOTES:

- Breadth component is not completed where students undertake a concurrent degree program.
- This major has a high number of core courses (114 UOC) therefore there are only 12 UOC of free electives.
- Students enrolled in the Quantitative Risk major cannot take Science or ASB courses for General Education.

Quantitative Risk Honours Year
(48 UOC)

SINGLE DEGREE SCIENCE PROGRAM (192 UOC) [144 UOC core + 48 UOC breadth]

•In the single degree program a maximum of 72 UOC of level I and GEN##### courses taken for General Education is allowed.