

Enrolment Course Structure

Course Code – SY5

Course Name – Bachelor of Mathematical Science

First Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	ITECH1001	Communications & Technology	EX: GPSIT1001
	MATHS1000	Upon the Shoulders of Giants	PR: VCE Mathematics or equivalent EX: ENCOR1015 & MATHS2000 & SCCOR1300
	MATHS1001	Modelling & Change (Intro Level)	
		Elective	
Semester 2			
	STATS1000	Statistical Methods	
	MATHS1005	Secrets of the Matrix	
	ITECH1400	Foundations of Programming	EX: ITECH5104
		Elective	
Second Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	MATHS2016	Modelling Continuous Change	PR: MATHS1001
	MATHS2003	Profit Loss and Gambling	PR: At least one introductory maths unit or equivalent EX: MATHS1003
	STATS2101	Statistics for Predication	PR: STATS1000
	ITECH2306	Agile Coding	PR: ITECH2000 & ITECH2001 or ITECH1400
Semester 2			
	STATS2100	Experimental Design and Analysis	PR: STATS1000
		MATHS2009 or MATHS2012	
		Elective	
		Elective	

Third Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	MATHS3007	Puzzles, Patterns and Proofs	PR: At least one intermediate level maths unit EX: MATHS2005
		MATHS3002 or MATHS3004	
		Elective	
		Elective Advanced Level (Mathematics, Statistics, Computing or Science)	
Semester 2			
	MATHS3001	Modelling and Change (Advanced level)	PR: MATHS1001 & At least 15 credit points from MATHS subject-area at any level EX: MATHS2006
		MATHS3002 or MATHS3008	
		Elective Advanced Level (Mathematics, Statistics, Computing or Science)	
		Elective	

Additional Information

This course structure applies to continuing students.

Glossary

Semester: designated teaching period.

PR: Pre-requisite, a unit/s that must be completed prior to undertaking another unit.

CO: Co-requisite, a unit/s that must be completed simultaneously, or prior to, undertaking another unit.

EX: Exclusion, a unit/s that may not be taken.