

A quick comparison of the VCE 1/2 Maths studies:

	FOUNDATION MATHS 1/2	GENERAL MATHS 1/2	MATHS METHODS 1/2	SPECIALIST MATHS 1/2
PREREQUISITES	Year 10 Maths	Satisfactory Completion of Year 10 Maths	High level of achievement in Y10 Advanced Maths, High level of achievement in Y9 Accelerated Maths, Excellent level of achievement in Y10 Maths	Excellent level of achievement in Y10 Advanced or Y9 Accelerated Maths
Main focus	Practical application of maths suited to vocational studies, meeting the daily demands of life.	Practical application of a variety of topics that are used in real life scenarios	Methods and skills required to effectively study mathematics at higher levels	Advanced mathematics specific to studies in physics or engineering
Useful if you plan on studying	VET studies that do not require higher level Mathematics. Building your knowledge of Mathematics if you did not satisfactorily complete Y10 Maths	Most studies not mentioned In the next two columns.	Mathematics, Science, Commerce, Business Analysis, Statistics, Data, Maths Teaching, Economics, Medicine, Physiotherapy, Architecture, Computer Programming, Graphic Design	Physics, Engineering, Biomechanics, Actuarial Studies
Content Structure	Series of independent modules	Series of independent modules	Interconnected modules that are difficult to learn in isolation	Independent modules with some interconnected themes
Topics	Measurement, Interpretation and use of plans, elevations, diagrams, Design, Collection and representation of data, Budgeting, Basic Finance.	Data Analysis Financial Recursion 2 modules from: Linear relationships Geometry and measurement Matrices	Function and relations Exponentials and Logs Circular functions Differentiation Integration Probability Statistics	Advanced functions Statistics and Probability Complex Numbers Kinematics Vectors Mechanics Differential and Integral Calculus
Workload	Light	Medium	Heavy	Heavy

A quick comparison of the VCE 3/4 Maths studies:

	FURTHER MATHS 3/4	MATHS METHODS 3/4	SPECIALIST MATHS 3/4
PREREQUISITES	Successful completion of General Maths 1/2 or Maths Methods 1/2	Successful completion of Maths Methods 1/2	Successful completion of Specialist 1/2 and Maths Methods 1/2
Main focus	Practical application of a variety of topics that are used in real life scenarios	Methods and skills required to effectively study mathematics at higher levels	Advanced mathematics specific to studies in physics or engineering
Useful if you plan on studying	Most studies not mentioned →	Mathematics, Science, Commerce, Business Analysis, Statistics, Data, Maths Teaching, Economics, Medicine, Physiotherapy, Architecture, Computer Programming, Graphic Design	Physics, Engineering, Biomechanics, Actuarial Studies
Content Structure	Series of independent modules	Interconnected modules that are difficult to learn in isolation	Independent modules with some interconnected themes
Topics	Data Analysis Financial Recursion 2 modules from: Linear relationships Geometry and measurement Matrices	Function and relations Exponentials and Logs Circular functions Differentiation Integration Probability Statistics	Advanced functions Statistics and Probability Complex Numbers Kinematics Vectors Mechanics Differential and Integral Calculus
Workload	Medium	Heavy	Heavy