

List of modules with their final exam format:

Level 4 (UG)			
Y	MTH4112	Actuarial Professional Development I	N/A (e.g.project)
Y	MTH4400	Applied Calculus	On Campus
Y	MTH4600	Applied Probability & Statistics	On Campus
B	MTH4104	Introduction to Algebra	On Campus
Y	MTH4300	Introduction to Analysis with Calculus	On Campus
A	MTH4113	Numbers, Sets and Functions – Joint Honours	On Campus
A	MTH4213	Numbers, Sets and Functions – Single Honours	On Campus
Y	MTH4500	Probability & Statistics	On Campus
A	MTH4000	Programming in Python	N/A (e.g.project)
B	MTH4115	Vectors and Matrices – Joint Honours	On Campus
B	MTH4215	Vectors and Matrices – Single Honours	On Campus
Level 5 (UG)			
A	MTH5124	Actuarial Mathematics I	On Campus
B	MTH5125	Actuarial Mathematics II	On Campus
A	MTH5127	Actuarial Professional Development II	N/A (e.g.project)
B	MTH5131	Actuarial Statistics	On Campus
A	MTH5112	Applied Linear Algebra	On Campus
B	MTH5103	Complex Variables	On Campus
A	MTH5104	Convergence & Continuity	On Campus
B	MTH5105	Differential and Integral Analysis	On Campus
A	MTH5123	Differential Equations	On Campus
B	MTH5001	Introduction to Computer Programming	N/A (e.g.project)
B	MTH5113	Introduction to Differential Geometry	On Campus
A	MTH5212	Linear Algebra I	On Campus
B	MTH5114	Linear Programming & Game Theory	On Campus
A	MTH5130	Number Theory	On Campus
A	MTH5200A	Placement Preparation	N/A (e.g.project)
A	MTH5129	Probability and Stats II	On Campus
B	MTH5120	Statistical Modelling I	On Campus
B	MTH5126	Statistics for Insurance	On Campus
Level 6 (UG)			
B	MTH6112	Actuarial Financial Engineering	On Campus
B	MTH6105	Algorithmic Graph Theory	Online
A	MTH6102	Bayesian Statistical Methods	On Campus
A	MTH6107	Chaos & Fractals	On Campus

Y	MTH6110	Communicating and Teaching Mathematics	N/A (e.g.project)
B	MTH6142	Complex Networks	Online
B	MTH6991	Computational Statistics with R	On Campus
A	MTH6115	Cryptography	On Campus
A	MTH6154	Financial Mathematics I	Online
B	MTH6155	Financial Mathematics II	On Campus
A	MTH6106	Group Theory	Online
B	MTH6101	Introduction to Machine Learning	Online
A	MTH6140	Linear Algebra II	Online
B	MTH6113	Mathematical Tools for Asset Management	On Campus
B	MTH6127	Metric Spaces and Topology	On Campus
B	MTH6150	Numerical Computing with C and C++	N/A (e.g.project)
A	MTH6151	Partial Differential Equations	Online
A	MTH6141	Random Processes	On Campus
B	MTH6132	Relativity	On Campus
B	MTH6158	Ring Theory	Online
A	MTH6134	Statistical Modelling II	Online
A	MTH6157	Survival Models	On Campus
B	MTH6139	Time Series	On Campus
A	MTH6934	Topics in Probability and Stochastic Processes	On Campus
Projects (UG)			
Y	MTH6138/ MTH6153	Third Year Project/Actuarial Project	N/A (e.g.project)

	Level 7		
B	MTH773P	Advanced Computing in Finance	On Campus
B	MTH787P	Advanced Derivatives Pricing and Risk Management	Online
B	MTH793P	Advanced Machine Learning	N/A (e.g.project)
B	MTH709U-MTHM042	Bayesian Statistics	On Campus
B	MTH743U-MTH743P	Complex Systems	On Campus
B	MTH791U	Computational Statistics with R	On Campus
B	MTH762P	Continuous-time Models in Finance	On Campus
A	MTH781P	Data Analytics	Online
B	MTH741P	Digital and Real Asset Analytics	On Campus
A	MTH744U-MTH744P	Dynamical Systems	On Campus
B	MTH792P	Financial Data Analytics	Online
A	MTH761P	Financial Instruments and Markets	Online
A	MTH771P	Foundations of Math Modelling in Finance	On Campus
B	MTH745U-MTH745P	Further Topics in Algebra	On Campus
B	MTH750U-MTHM750	Graphs and Networks	Online
A	MTH786P	Machine Learning with Python	N/A (e.g.project)
A	BUSM131	Masterclass in Business Analytics Sem A	N/A (e.g.project)
B	BUSM131	Masterclass in Business Analytics Sem B	N/A (e.g.project)
Y	MTH717U	MSci Project and presentations	N/A (e.g.project)
B	MTH767P	Neural Networks and Deep Learning	N/A (e.g.project)
B	MTH784P	Optimisation for Business Processes	On Campus
A	MTH794P	Probability and Statistics for Data Analytics	On Campus
A	MTH785P	Programming for Business Analytics	On Campus
A	MTH790U	Programming in C++ for Finance	On Campus
A	MTH766P	Programming in Python	N/A (e.g.project)
A	MTH700U-MTH700	Research Methods	N/A (e.g.project)
B	MTH782P	SAS for Business Intelligence	On Campus
A	MTH765P	Storing, Manipulating and Visualising Data	N/A (e.g.project)
B	MTH783P	Time Series for Business	N/A (e.g.project)
A	MTH734U/MTH734P	Topics in Probability and Stochastic Processes	On Campus
A	MTH739U/MTH739P	Topics in Scientific Computing	N/A (e.g.project)