

Semester	Module Code	Title	Module Organiser	Peer Observation Pair
Foundation (UG)				
B	SEF015	Discrete Maths	Bray	a
A	SEF026	Essential Foundation Mathematics	Coad/Goldsheid	a
Level 4 (UG)				
A, B	MTH4112	Actuarial Professional Development I	Sutton	skip
A	MTH4100/MTH4200	Calculus I	Bandtlow	b
B	MTH4101/MTH4201	Calculus II	Klages	b
A	MTH4113/MTH4213	Numbers, Sets and Functions	Johnson	c
B	MTH4104	Introduction to Algebra	Fink	c
A	MTH4107/MTH4207	Introduction to Probability	Harris	d
B	MTH4116/MTH4216	Probability and Stats I	Just	d
A	MTH4114	Computing and Data Analysis with Excel	Maruri-Aguilar/Vergel	e
B	MTH4115/MTH4215	Vectors and Matrices	Latora/Saha	e
Level 5 (UG)				
A, B	MTH5127	Actuarial Professional Development II	Ng	skip
A, B	MTH5200A	Placement Preparation	Ng/Poplavskyi	skip
A	MTH5124	Actuarial Mathematics I	Baule	f
B	MTH5125	Actuarial Mathematics II	Sutton	f
A	MTH5104	Convergence & Continuity	Jerrum	g
B	MTH5105	Differential and Integral Analysis	Nguyen	g
A	MTH5123	Differential Equations	Huang	h
B	MTH5113	Introduction to Differential Geometry	Shao	h
A	MTH5112/MTH5212	Linear Algebra I/Applied Linear Algebra	Tomasic	i
B	MTH5114	Linear Programming and Game Theory	Ward	i
A	MTH5130	Number Theory (new Level 5 version)	Sasaki	j
B	MTH5103	Complex Variables	Shamis	j
A	MTH5129	Probability and Stats II	Rodosthenous/Shestopaloff	k

B	MTH5120	Statistical Modelling I	Rossini	k
B	MTH5131	Actuarial Statistics	Stark	skip
Level 6 (UG)				
A	MTH6157	Survival Models	Sutton	l
A	MTH5126	Statistics for Insurance	Ng	l
A	MTH6102	Bayesian Statistical Methods	Griffin	m
B	MTH6101	Introduction to Machine Learning	Maruri-Aguilar	m
A	MTH6107	Chaos & Fractals	Beheshti	n
B	MTH6142	Complex Networks	Bianconi	n
A	MTH6115	Cryptography	Noohi	o
B	MTH6105	Algorithmic Graph Theory	Fischer	o
A	MTH6154	Financial Mathematics I	Stark	p
B	MTH6113	Mathematical Tools for Asset Management	Glau	p
A	MTH6106	Group Theory	Fayers	q
B	MTH6127	Metric Spaces and Topology	Godazgar	q
A	MTH6140	Linear Algebra II	Majid	r
B	MTH6108	Coding Theory	Morris	r
A	MTH6151	Partial Differential Equations	Valiente-Kroon	s
B	MTH6132	Relativity	Figueras	s
A	MTH6141	Random Processes	Sodin	t
B	MTH6155	Financial Mathematics II	Goldsheid	t
A	MTH6134	Statistical Modelling II	Coad	u
B	MTH6139	Time Series	Yoo	u
B	MTH6110	Communicating and Teaching Mathematics	Arrowsmith/Beheshti	skip
Projects (UG)				
A, B	MTH6138	Third Year Project and presentations	Bianconi/Shamis	skip
A, B	MTH6153	Actuarial Project	Bianconi/Shamis	skip
A,B	MTH717U	MSci Project and presentations	Bianconi/Shamis	skip

Level 7

A	MTH781P	Data Analytics	Baule/Griffin	skip
B	MTH781P	Data Analytics (Jan start; runs in Sem B)	Baule/Griffin	skip
A	MTH771P	Foundations of Math Modelling in Finance	Phillips	v
B	MTH784P	Optimisation for Business Processes	Rincon	v
9	MTH784P	Optimisation for Business Processes (Jan start)	Rincon	skip
A	MTH786P	Machine Learning with Python	Benning	w
9	MTH786P	Machine Learning with Python (Jan start; runs in Sem B)	Lacasa	w
B	MTH767P	Neural Networks and Deep Learning	Liang	w
B	MTH787P	Advanced Derivatives Pricing and Risk Management	Beck	x
B	MTH783P	Time Series for Business	Liverani/Coad	x
A	MTH790U	Programming in C++ for Finance	Del Bano Rollin	xx
B	MTH6150	Numerical Computing with C and C++	Markakis	xx
B	MTH739U/MTH739P	Topics in Scientific Computing	Markakis	skip
A	MTH794P	Probability and Statistics for Data Analytics	Rodosthenous/Yoo	skip
B	MTH794P	Probability and Statistics for Data Analytics	Rodosthenous/Yoo	skip
B	MTH743U-MTH743P	Complex Systems	Beck	skip
B	MTH791U	Computational Statistics with R	Griffin	skip
A	MTH785P	Programming for Business Analytics	Del Bano Rollin	skip
9	MTH766P	Programming in Python (Jan start; runs in Sem B)	Poplavskyi	skip
A	MTH766P	Programming in Python (new)	Poplavskyi	y
B	MTH5001	Introduction to Computer Programming	Prellberg/Nicosia	y
B	MTH765P	Storing, Manipulating and Visualising Data	Bobrowski	skip
A	MTH765P	Storing, Manipulating and Visualising Data	Skraba	z
B	MTH709U-MTHM042	Bayesian Statistics	Shestopaloff	z
A	MTH700U-MTH700	Research Methods	Bianconi/Morris	skip
A	MTH734U-MTHM012	Topics in Probability and Stochastic Processes	Gnedin	zz
A	MTH744U-MTH744P	Dynamical Systems	Arrowsmith	zz

A	MTH761P	Financial Instruments and Markets (new)	Vergel	skip
B	MTH782P	SAS for Business Intelligence	Vergel	skip
B	MTH789U	Trading and Risk Systems Development	Vergel	skip
B	MTH745U-MTH745P	Further Topics in Algebra	Bray	skip
B	MTH773P	Advanced Computing in Finance	Phillips	skip
B	MTH793P	Advanced Machine Learning	Benning	skip
B	MTH762P	Continuous-time Models in Finance (replaced)	Gnedin	skip
B	MTH792P	Financial Data Analytics	Del Bano Rollin	skip
B	MTH750U-MTHM750	Graphs and Networks	Poplavskyi	skip
A, B	BUSM130	Group Project in Business Analytics	del Bano Rollin/Huang/Ng	skip
A, B	BUSM131	Masterclass in Business Analytics	Ng	skip
A, B	MTH717U	MSci Project and presentations	See under projects	skip