

Minor Programme in Applied Mathematics (Programme Code 63421-YAM)

Subjects to be offered in 2025/26 Academic Year

Subject Code	Subject Title	Sem	Group No.	Mode (Day/Evening)
AMA1602	Introduction to Statistics	1	1553	E
AMA1602	Introduction to Statistics	1	1554/1555	D
AMA2111	Mathematics I	1	1555	D
AMA2112	Mathematics II	1	1555	D
AMA3304	Theory of Interest and Portfolio Analysis	1	1555	D
AMA3602	Applied Linear Models	1	1555	D
AMA3640	Statistical Inference	1	1555	D
AMA3658	Stochastic Processes for Investment	1	1555	D
AMA3707	Real Analysis	1	1555	E
AMA3724	Further Mathematical Methods	1	1555	D
AMA3820	Operations Research Methods	1	1555	D
AMA4380	Algorithmic and High Frequency Trading	1	1555	D
AMA4602	High Dimensional Data Analysis	1	1555	D
AMA4650	Forecasting and Applied Time Series Analysis	1	1555	D

Subject Code	Subject Title	Sem	Group No.	Mode (Day/Evening)
AMA1602	Introduction to Statistics	2	2553/2554/2555	D
AMA2111	Mathematics I	2	2555	E
AMA2112	Mathematics II	2	2555	D
AMA3201	Computational Methods	2	2555	D
AMA3602	Applied Linear Models	2	2555	D
AMA3640	Statistical Inference	2	2555	D
AMA3658	Stochastic Processes for Investment	2	2555	D
AMA3724	Further Mathematical Methods	2	2555	D
AMA3820	Operations Research Methods	2	2555	D
AMA4325	Derivative Pricing	2	2555	D
AMA4381	Econometrics	2	2555	D
AMA4390	Quantitative Finance and Financial Technology	2	2555	D
AMA4602	High Dimensional Data Analysis	2	2555	D
AMA4688	Simulation	2	2555	D
AMA4840	Decision Analysis	2	2555	D
AMA4850	Optimization Methods	2	2555	D