

# FINANCIAL MATHEMATICS TRAINING ROADMAP 2016

MSc. BMI (Fin. Maths): N810P		
5th year	Module name	Module code
	Data Mining Techniques	BWIB821
	Practical Risk Management SAS RD	BWIN811* <i>choice module</i>
	Pricing of Derivatives B	BWIN812
	Industry Integration Project	BWIN815
	Modern Portfolio Theory	BWIN816* <i>choice module</i>
	Retail Credit Risk	BWIN817* <i>choice module</i>
	Industry Directed Research Project	BWIN826
B.Sc. Hons. : N611P		
4th year	Module name	Module code
	Financial Engineering I	BWIN613
	Research Module: Financial Engineering and Pricing of Derivatives	BWIR622
	Statistical Data-analysis I: Models	STTN612
	Stochastic Processes I	STTN615
	Statistical Data-analysis II: Time Series	STTN622
	Stochastic Processes II	STTN625
	Topology of Metric and Normed Spaces	WISK613
	Measure and Integration Theory I	WISK614
	Differential Equations	WISK615
	Measure and Integration Theory II	WISK624
B.Sc. : N135P		
3rd year	Module name	Module code
	Models: Survival Models and Stochastic Processes (A202/CT4)	BWIA311
	BMI Project: Capital Markets Modelling and Analysis	BWIN321
	Complex Analysis	WISN313
	Real Analysis	WISN323
	Linear Models	STTK321
	Statistics project	STTK322
	Statistical Inference	STTN315
2nd year	Module name	Module code
	Financial Mathematics (A201/CT1)	BWIA271
	Macroeconomics	ECON211
	Introduction to Risk Management	EKRP211
	Investment Management	EKRP221
	Probability Theory and Sampling Theory	STTN215
	Statistical Inference and Data Analysis	STTN225
	Numerical Analysis	TGWN223
	Analysis III	WISN211
	Linear Algebra I	WISN212
	Analysis IV	WISN224
	Linear Algebra II	WISN226
	"Understanding the economic world"	WVES221
	Business ethics	WVES311
2st year	Module name	Module code
	Financial Accounting	ACCF111
	Financial Accounting	ACCF121 <i>or</i>
	Financial Accounting (Special)	ACCS111
	Financial Accounting (Special)	ACCS121
	Introduction to Academic Literacy	AGLE121
	"Introduction to Financial Mathematics"	BWIA111
	Introduction to Actuarial Science	BWIA121
	Introduction to Economics	ECON111
	Basic Micro- and Macroeconomics	ECON121
	Introduction to Computers	ITRW112
	Graphic Interface Programming I	ITRW123
	"Descriptive Statistics and Inference"	STTN115
	Introductory probability theory	STTN125
	Introductory Algebra and Analysis I	WISN111
	Introductory Algebra and Analysis II	WISN121