

ACTUARIAL SCIENCE TRAINING ROADMAP 2016

MSc. BMI (QRM) N809P		
5th year	Module name	Module code
	Enterprise-Wide Risk Management I	BWIA812
	Enterprise-Wide Risk Management II	BWIA821* <i>choice module</i>
	Data Mining Techniques	BWIB821* <i>choice module</i>
	Practical Risk Management SAS RD	BWIN811* <i>choice module</i>
	Industry Integration Project	BWIN815
	Modern Portfolio Theory	BWIN816* <i>choice module</i>
	Retail Credit Risk	BWIN817* <i>choice module</i>
	Industry Directed Research Project	BWIR826
B.Sc. Hons. : N609P		
4th year	Module name	Module code
	Quantitative Risk Analysis I	BWIN611
	Financial Engineering I	BWIN613
	Investment Theory I	BWIN614
	Actuarial Risk Management (A301/CA1)	BWIA671
	Research Module: Financial Engineering and Financial Modelling	BWIR671
B.Sc. (Act) : N137P		
3rd year	Module name	Module code
	Actuarial Statistical Models (A204/CT6)	BWIA313
	Stochastic Processes (A202/CT4)	BWIA314
	Contingencies (A203/CT5)	BWIA371
	Survival Models (A202/CT4)	BWIA324
	BMI Project: Capital Markets Modelling and Analysis	BWIN321
	Statistical Inference	STTN315
	Linear Models	STTK321
	Statistical project	STTK322
2nd year	Module name	Module code
	Financial Mathematics (A201/CT1)	BWIA271
	Macroeconomics	ECON211
	Introduction to Risk Management	EKRP211
	Investment Management	EKRP221
	Financial Management: Introduction	FINM221
	Probability and Sampling Theory	STTN215
	Statistical Inference and Data Analysis	STTN225
	Numerical Analysis	TGWN223
	Analysis III	WISN211
	Linear Algebra I	WISN212
	Linear Algebra II	WISN226
	Understanding the Economic World	WVES221
	Business Ethics	WVES311
1st year	Module name	Module code
	Accounting: Framework and foundations	ACCC111
	Accounting for different entities	ACCC121 <i>of</i>
	Financial Accounting	ACCF111
	Financial Accounting	ACCF121
	Academic Literacy	AGLA121
	Introduction to Financial Mathematics	BWIA111
	Introduction to Actuarial Science	BWIA121
	Introduction to Economics	ECON111
	Basic Micro- and Macroeconomics	ECON121
	Introduction to Computers and Programming	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