Maj	jor Programme Requirement	
Students are required to complete a minimum of 87 units of courses as follows:		
		Units
1.	Faculty Package:	9
	MATH1010, DSME1030, 1040	
2.	Required Courses:	48
(a)	FINA3010, 3080, 3210, MATH1030, 2010#, RMSC2001, 4001, 4003, STAT2001#, 2006#, 3007#, 3008#	
(b)	ACCT1111 or 2111	
(c)	CSCI1510 or 1520 or 1530 or 1540 or 1580	
(d)	CSCI2520# or DSME2051# or SEEM3540#	
(e)	FINA2010 or 2110	
3.	Elective Courses:	30
(a)	Business (choose at least 6 units of courses from the following list, but no more	
	than 6 one-unit courses):	
	ACCT2121, 4214#, 4251#, FINA2210, 3020, 3030, 3040, 3060, 3070, 3110,	
	3230, 3240, 3280, 3310, 3320, 3330, 3340, 3350, 3360, 3420, 4010, 4020, 4030,	
	4040, 4050, 4060, 4230, 4240, 4310, 4320, 4330, 4340, 4350, MGNT1020,	
(b)	2610#, 4010#, MKTG2010# QFIN (choose at least 9 units of courses from the following list):	
(0)	FINA4110, 4120, 4150, 4160, 4370	
(c)	RMSC (choose at least 12 units of courses from the following list):	
(•)	ECON3420#, MATH3210#, 3220#, 3230#, 3240#, 4210#, RMSC4002, 4004,	
	4005, 4007, STAT4002#, 4003#, 4004#, 4005#, 4006#, 4008#	
(d)	Capstone / Research (choose at least 3 units of courses from the following list):	
	FINA4130, 4140, 4190, 4380, 4390, 6232, 6242, 6252, RMSC4102, 4202	
	Total:	87
Exp	lanatory Note:	
ълр		
1	FINA and RMSC courses at 2000 level and above as well as those labeled as	#:11 h.a

1. FINA and RMSC courses at 2000 level and above as well as those labeled as # will be included in the calculation of Major GPA for honours classification.

	Recommended Course Pattern	Units
First Year of	1 st term	
Attendance	Faculty Package: DSME1030, MATH1010	6
	Major Required: ACCT1111 or 2111	3
	Major Elective(s):	
	2 nd term	
	Faculty Package: DSME1040	3
	Major Required: FINA2010 or 2110, MATH1030	6
	Major Elective(s):	

Second Year of	1 st term	
Attendance	Major Required: CSCI1510 or 1520 or 1530 or 1540 or 1580, MATH2010, RMSC2001, STAT2001	12
	Major Elective(s):	
	2 nd term	
	Major Required: CSCI2520 or DSME2051 or SEEM3540, FINA3010, 3080, STAT2006	12
	Major Elective(s):	
Third Year of	1 st term	
Attendance	Major Required: FINA3210, RMSC4003, STAT3007	9
	Major Elective(s): 6 units from Business, QFIN, and RMSC	6
	electives	
	2 nd term	
	Major Required: RMSC4001, STAT3008	6
	Major Elective(s): 9 units from Business, QFIN, and RMSC	9
	electives	
Fourth Year of	1 st term	
Attendance	Major Required:	
	Major Elective(s): 12 units from QFIN and RMSC electives	12
	2 nd term	
	Major Required:	
	Major Elective(s): 3 units from Capstone / Research electives	3
	Total (Major Requirement including Faculty Package):	87

Course List			
Course Code	Course Title	Unit(s)	
Required Courses			
ACCT1111	Foundations in Financial Accounting	3	
ACCT2111	Introductory Financial Accounting	3	
CSCI1510	Computer Principles and C Programming	3	
CSCI1520	Computer Principles and C++ Programming	3	
CSCI1530	Computer Principles and Java Programming	3	
CSCI1540	Fundamental Computing with C++	3	
CSCI1580	Visual Programming	3	
CSCI2520	Data Structures and Applications	3	
DSME1030	Economics for Business Studies I	3	
DSME1040	Economics for Business Studies II	3	
DSME2051	Business Information Systems	3	
FINA2010	Financial Management	3	
FINA2110	Financial Management: Foundations and Analysis	3	
FINA3010	Financial Markets	3	
FINA3080	Investment Analysis and Portfolio Management	3	
FINA3210	Risk Management and Insurance	3	
MATH1010	University Mathematics	3	
MATH1030	Linear Algebra I	3	
MATH2010	Advanced Calculus I	3	
RMSC2001	Introduction to Risk Management	3	
RMSC4001	Simulation Methods for Risk Management Science and	3	
	Finance		
RMSC4003	Statistical Modelling in Financial Markets	3	
SEEM3540	Concepts of Information Systems	3	
STAT2001	Basic Concepts in Statistics and Probability I	3	
STAT2006	Basic Concepts in Statistics and Probability II	3	

STAT3007	Introduction to Stochastic Processes	3
STAT3008	Applied Regression Analysis	3
Elective Courses		5
Elective 3(a)		
ACCT2121	Introductory Management Accounting	3
ACCT4214	Applied Financial Statement Analysis	3
ACCT4214	Securities Regulation	3
FINA2210	Interest Theory and Finance	3
FINA3020	Interest Theory and Finance	3
FINA3030		3
FINA3040	Management of Financial Institutions Commercial and Central Banking	3
FINA3060	Real Estate Finance and Investment	3
FINA3070		3
	Corporate Finance: Theory and Practice Issues in Finance	3
FINA3110	Life and Health Insurance	3
FINA3230		
FINA3240	Corporate Property and Liability Insurance	3
FINA3280	Insurance Company Operations and Management	3
FINA3310	Introduction to Investment Banking	1
FINA3320	Introduction to Credit Rating	1
FINA3330	Introduction to Alternative Investment	1
FINA3340	Trading Strategies: Behavioral and Technical Analysis	1
FINA3350	Foreign Exchange Market Practices	1
FINA3360	Derivative Warrants, Proprietary and Arbitrage Trading	1
ED142420	Concepts	
FINA3420	Credit Rating in Global Economy	3
FINA4010	Security Analysis	3
FINA4020	Fund Management and Asset Allocation	3
FINA4030	Selected Topics in Finance	3
FINA4040	Cases in Corporate Finance	3
FINA4050	Mergers And Acquisitions	3
FINA4060	China Finance	3
FINA4230	Reinsurance and Alternative Risk Transfer	3
FINA4240	Employee Benefits, Retirement and Estate Planning	3
FINA4310	China Banking and Financial System	1
FINA4320	China Equity Securities Market	1
FINA4330	China Derivative Securities Market	1
FINA4340	Structured Products: Fundamentals and Analysis	1
FINA4350	Bond Markets: Analysis and Strategies	1
MGNT1020	Principles of Management	3
MGNT2610	Legal Environment, Corporate Social Responsibility and	3
	Business Ethics	
MGNT4010	Business Policy and Strategy	3
MKTG2010	Marketing Management	3
Electives 3(b)		_
FINA4110	Options and Futures	3
FINA4120	Fixed Income Securities Analysis	3
FINA4150	Quantitative Methods for Financial Derivatives	3
FINA4160	Intermediate Financial Theory	3
FINA4370	Derivatives Trading: Analysis and Strategies	3
Electives 3(c)		
ECON3420	Financial Economics	3
MATH3210	Linear Programming	3
MATH3220	Operations Research and Logistics	3
MATH3230	Numerical Analysis	3

MATH3240	Numerical Methods for Differential Equations	3
MATH4210	Financial Mathematics	3
RMSC4002	Data Analysis in Finance and Risk Management Science	3
RMSC4004	Theory of Risk and Insurance	3
RMSC4005	Stochastic Calculus for Finance and Risk	3
RMSC4007	Risk Management with Derivatives Concepts	3
STAT4002	Multivariate Techniques with Business Applications	3
STAT4003	Statistical Inference	3
STAT4004	Actuarial Science	3
STAT4005	Time Series	3
STAT4006	Categorical Data Analysis	3
STAT4008	Survival Modelling	3
Electives 3(d)		
FINA4130	Empirical Finance	3
FINA4140	Computational Finance	3
FINA4190	Research Project in Quantitative Finance	3
FINA4380	Derivatives Trading: Research and Development	3
FINA4390	Banking and Finance Practicum	3
FINA6232	Seminar in Asset Pricing	3
FINA6242	Seminar in Corporate Finance	3
FINA6252	Empirical Research in Finance	3
RMSC4102	Research Project	3
RMSC4202	Practicum	3