Major Programme Requirement

Students are required to complete a minimum of 78 units of courses as follows:

		Units
1.	Faculty Package: ACCT1111, DSME1030, 1040	9
2.	Required Courses:	
(a)	MATH1010[a], 1540	6
(b)	ACCT2121, FINA2010, 2200, 2220, 2230, 3080, 3210, 3221, 3222, 3230, 3240, 3290, MGNT1020	39
3.	Elective Courses:	
(a)	21 units of courses from the following: ACCT3151#, 3161#, CSCI1510 or 1520 or 1540 or 1580, CSCI2100# or 2520#, DSME2051#, FINA3010, 3030, 3070, 3250 or 4110, 3260, 3295, 4030, 4120, 4140, 4150, 4160, 4211, 4215, 4221, 4280, IBBA3040, MATH2010#, MKTG2010#, MGNT2511, 2512, 2611#, RMSC4001#, STAT3007#	21
(b)	3 units of Capstone course from the following: FINA4270, 4290, 4291, MGNT4010#	3
	Total:	**78**

Explanatory Notes:

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

[a] Students are required to take MATH1530 before taking MATH1010, except those who pass the Mathematics Placement Test arranged by the Programme.

	Recommended Course Pattern	Units
First Year of Attendance	1st term Faculty Package: ACCT1111, DSME1030 Major Required: MATH1010 Major Elective(s):	6 0-3
	2nd term Faculty Package: DSME1040 Major Required: FINA2010, 2200, MATH1010 (if not taken) Major Elective(s):	3 6-9
Second Year of Attendance	1st term Major Required: FINA2220, 3210, MATH1540 Major Elective(s):	9
	2nd term Major Required: ACCT2121, FINA2230, 3080, 3221, 3230 Major Elective(s):	15
Third Year of Attendance	1st term Major Required: FINA3222, 3240, 3290	9

	Major Elective(s): one course		3
	2nd term		
	Major Required:		
	Major Elective(s): two courses		6
Fourth Year of Attendance	1st term		
	Major Required: MGNT1020		3
	Major Elective(s): two courses		6
	2nd term		
	Major Required:		
	Major Elective(s): three courses		9
	Total (including Faculty Package):		**78**

Course List		
Course Code	*Course Title*	*Unit(s)*
Required courses		
ACCT1111	Foundations in Financial Accounting	3
ACCT2121	Introductory Management Accounting	3
DSME1030	Economics for Business Studies I	3
DSME1040	Economics for Business Studies II	3
FINA2010	Financial Management	3
FINA2200	Introduction to Actuarial Science	3
FINA2220	Quantitative Methods for Actuarial Analysis I	3
FINA2230	Quantitative Methods for Actuarial Analysis II	3
FINA3080	Investment Analysis and Portfolio Management	3
FINA3210	Risk Management and Insurance	3
FINA3221	Basic Long-term Actuarial Mathematics	3
FINA3222	Basic Short-term Actuarial Mathematics	3
FINA3230	Life and Health Insurance	3
FINA3240	Corporate Property and Liability Insurance	3
FINA3290	Linear Models for Actuaries	3
MATH1010	University Mathematics	3
MATH1530	Basic Mathematics for Business and Social Sciences	3
MATH1540	University Mathematics for Financial Studies	3
MGNT1020	Management	3
Elective courses		
Other Electives		
ACCT3151	Business Law	3
ACCT3161	Taxation	3
CSCI1510	Computer Principles and C Programming	3
CSCI1520	Computer Principles and C++ Programming	3
CSCI1540	Fundamental Computing With C++	3
CSCI1580	Visual Programming	3
CSCI2100	Data Structures	3
CSCI2520	Data Structures and Applications	3
DSME2051	Business Information Systems	3
FINA3010	Financial Markets	3
FINA3030	Management of Financial Institutions	3
FINA3070	Corporate Finance: Theory and Practice	3
FINA3250	Derivatives for Actuaries I	3
FINA3260	Internship Experience	1

FINA3295	Advanced Statistical Modeling for Insurance and Finance	3
FINA4030	Selected Topics in Finance	3
FINA4110	Options and Futures	3
FINA4120	Fixed Income Securities Analysis	3
FINA4140	Computational Finance	3
FINA4150	Quantitative Methods for Financial Derivatives	3
FINA4160	Intermediate Financial Theory	3
FINA4211	Advanced Long-term Actuarial Mathematics	3
FINA4215	Introduction to Actuarial Computing Using Prophet	1
FINA4221	Advanced Short-term Actuarial Mathematics	3
FINA4280	Derivatives for Actuaries II	3
IBBA3040	Business Lectures Series	1
MATH2010	Advanced Calculus I	3
MKTG2010	Marketing Management	3
MGNT2511	Global Experiential Learning I	1
MGNT2512	Global Experiential Learning II	1
MGNT2611	Business Sustainability	2
RMSC4001	Simulation Methods for Risk Management Science and Finance	3
STAT3007	Introduction to Stochastic Processes	3
Capstone Courses		
FINA4270	Research Project in Insurance, Financial and Actuarial Analysis	3
FINA4290	Actuarial Internship	3
FINA4291	Internship in Insurance and Financial Institutions	3
MGNT4010	Strategic Management	3