(For students admitted in 2012-13 under the 3-year degree)

Curriculum for BSc in Mathematics - Mathematical Sciences Option in Business and Management

General Requirements

Students are required to complete the following general requirements for graduation in addition to program specific requirements:

Required Courses in English Communication
Common Core Requirements
Required Course in Physical Education

For details please refer to the section "General Requirements" on this website.

Program Specific Requirements

Credit(s)

Required courses

	MATH 2021	Multivariable and Vector Calculus	4
	MATH 2031	Introduction to Real Analysis	4
	MATH 2121	Linear Algebra	4
	MATH 3033	Real Analysis	4
(1)	MATH 4023	Complex Analysis	3
	ACCT 2010	Principles of Accounting I	3
	ACCT 2200	Principles of Accounting II	3
	COMP 1022P	Introduction to Computing with Java	3
(2)	ECON 2113	Microeconomics	3
	ECON 2123	Macroeconomics	3

Elective courses

	Elective types		Minimum no. of courses	Minimum total credits
(3,6)	MATH	Mathematics Elective	5	15
(4)	SB&M	Business and Management Elective	5	15
(5,6)	FREE	Free Elective	2	6

Notes:

(1) The course can be replaced by MATH 3121, MATH 4051 or MATH 4223 provided that enrolment quota of these courses is available.

(2) Students entering with AL Economics take ECON 2113; however, those with grade B or above in HKAL Economics will take ECON 2913. All other students without AL Economics background, including those entering with AL Business and Economics, take ECON 2103.

(3) MATH electives must include MATH 2352, MATH 2411 and two others of 4000-level or above.

(4) Students should seek departmental advice as to the choice of SB&M electives. Detailed sample programs will be provided by the departmental academic advisors.

(5) ISOM 2500 cannot be used to satisfy any FREE elective requirement.

(6) Unless otherwise approved by the Department, mathematics courses coded from 1000 to 1600 cannot be used to fulfill any MATH or FREE elective requirements.

For graduation, students are required to complete both the general requirements and requirements specified for the program, and to earn a minimum of 90 credits.