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

Curriculum for BSc in Mathematics - General Mathematics Option

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
	COMP 1022P	Introduction to Computing with Java	3

Elective courses

	Elective types		Minimum no. of courses	Minimum total credits
(2,4)	MATH	Mathematics Elective	5	15
(3,4)	FREE	Free Elective	11	33

Notes:

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

(2) MATH electives must include MATH 2352, MATH 2411, MATH 2721 and two others of 3000-level or above. Out of the two 3000-level or above MATH electives, at least one must be of 4000-level or above. MATH 2411 can be replaced by MATH 2421 or MATH 3423 provided that enrolment quota of these courses is available.

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

(4) 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.