(For all students in the Program)

Undergraduate Minor Program in Actuarial Mathematics

Except for those studying the Statistics and Financial Mathematics Track of the BSc program in Mathematics, any undergraduate students with an overall CGA of 1.85 or above may enroll in the Actuarial Mathematics Minor Program. Students must declare their intention to enroll in the Minor Program no earlier than the first regular term of their second year of study but no later than the last day of the add/drop period in the first regular term of their final year of study. Students who wish to withdraw from the Minor Program should apply before the last day of the add/drop period in the first regular term of their final year of study.

The Minor Program in Actuarial Mathematics requires a minimum of 18 credits to be taken from the following courses:

Required courses

			Credit(s)
(1,2)	MATH 2411	Applied Statistics	4
(1,3)	MATH 2421	Probability	4
(1)	MATH 2511	Fundamentals of Actuarial Mathematics	3
(1)	MATH 3423	Statistical Inference	3

Elective courses

	Elective types		Minimum no. of courses	Minimum total credits
(4)	MATH	Actuarial Mathematics Electives	3	-

Notes:

(1) Students should take 3 courses out of MATH 2411, MATH 2421, MATH 2511 and MATH 3423.

(2) Students may request to replace this course by IELM 2510, ISOM 2500, or LIFS 3150.

(3) Students may request to replace this course by ELEC 2600, ISOM 3540.

(4) Students should take 3 courses from the following:
MATH 4426, MATH 4427, MATH 4511, MATH 4512, MATH 4513/RMBI 4220*, and MATH 4825.

* Students could only take either MATH 4513 or RMBI 4220, but not both, to count towards the Minor Program.

For credit transfer, students can transfer a maximum total of 6 credits to the Minor Program. Courses accepted for credit transfer must normally be at a level equivalent to courses coded above 1600 (for courses taken in 2011-12 and after), or at 100-level or above (for courses taken prior to 2011-12) at HKUST.

No more than 9 credits taken to fulfill other requirements may be reused to count towards this minor program. Courses used to fulfill the requirements of Minor Program in Mathematics cannot be reused to count towards this Minor Program.

To graduate with a minor in Actuarial Mathematics, students must have enrolled in the Minor Program and complete all of its requirements, as well as the requirements of the major program of study; and have attained an average grade point of at least 1.5 in courses taken within the minor program.