(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 student 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.

## Minor Requirements

To graduate with a minor in Actuarial Mathematics, students must have enrolled in the Minor Program, complete a minimum total of 18 credits and all of the minor 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.

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.

Out of the total credits required by the minor program, at least 9 credits should be single-counted within the minor and are not used to fulfill any other requirements for graduation except the 120-credit degree requirement. Courses used to fulfill the requirements of the Minor Program in Mathematics cannot be reused to count towards this Minor Program.

## Required Course(s)

|  |  | Credit(s) <br> attained |
| :---: | :--- | :---: |
| MATH | Note: Students admitted in $2014-15$ or before who have <br> completed MATH 2411, MATH 2421, and MATH 3423 may <br> request to use one of the three courses to replace MATH <br> 2511 and the remaining two to fulfill the elective requirement. | 3 |

## Elective(s)



| MATH | 4511 | Quantitative Methods for Fixed Income Derivatives | 3 |
| :--- | :--- | :--- | :--- |
| MATH | 4512 | Fundamentals of Mathematical Finance | 3 |
| MATH | 4513 | Life Contingencies Models and Insurance Risk | 3 |
| MATH | 4514 | Financial Economics in Actuarial Science | 3 |
| MATH | 4825 | Special Topics in Actuarial Mathematics | 3 |
| RMBI | 4220 | Life Contingencies Models and Insurance Risk | 3 |

