ACTUARIAL MATHEMATICS MINOR

Mathematics (MATH)
1117 Mathematics Building
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Program Advisor: Ida Chan

The Department of Mathematics offers a minor in Actuarial Mathematics for students whose majors are not mathematics. The goal of the minor in Actuarial Mathematics is to provide the student with an introduction to statistics in general and actuarial mathematics in particular. This minor is closely related to the minor in Statistics, but its focus is on actuarial mathematics.

REQUIREMENTS

16 credits are required for the minor as outlined below:

Course	Title	Credits
MATH241	Calculus III	4
or MATH340	Multivariable Calculus, Linear Algebra and Differential Equations I (Honors)	
Select one of the following pairs of courses:		
STAT400 & STAT401	Applied Probability and Statistics I and Applied Probability and Statistics II	6
OR		
STAT410 & STAT420	Introduction to Probability Theory and Theory and Methods of Statistics	6
OR		
STAT410 & STAT401	Introduction to Probability Theory and Applied Probability and Statistics II	6
MATH461	Linear Algebra for Scientists and Engineers	3-4
or MATH240	Introduction to Linear Algebra	
or MATH341	Multivariable Calculus, Linear Algebra, Differential Equations II (Honors)	
STAT470	Actuarial Mathematics	3
Recommended		
MATH424	Introduction to the Mathematics of Finance	
STAT430	Introduction to Statistical Computing with SAS	

Other issues related to coursework:

- The minor in Actuarial Mathematics is NOT open to Mathematics majors.
- The student will need to achieve at least a "C-" (1.7) in each minor course and an overall minor GPA of 2.0.
- A student may use a maximum of 2 courses to satisfy the requirements of both a major and a minor in Actuarial Mathematics.
- No more than two of the courses for the minor in Actuarial Mathematics may be taken at an institution other than the University of Maryland, College Park. In addition, only one of the upper-level courses for the minor may be taken at an institution other than the University of Maryland, College Park.