STATISTICS MINOR

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Program Advisor: Ida Chan

The Department of Mathematics offers a minor in Statistics for students whose majors are not Mathematics. The goal of the minor in Statistics is to provide the student with a substantial number of courses that are statistical in nature and involve a substantial amount of mathematics.

REQUIREMENTS

The requirements entail 16 credits:

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
STAT430	Introduction to Statistical Computing with SAS	3
Select one of the following:		
A third course from the pairs above, if not already taken		
STAT422	Probability Models	3
STAT426	Introduction to Data Science and Machine Learning	3
STAT440	Sampling Theory	3
STAT470	Actuarial Mathematics	3
MATH424	Introduction to the Mathematics of Finance	3

Other issues related to the minor in Statistics:

- The minor in Statistics 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 the minor in Statistics.
- No more than 2 courses for the minor in Statistics may be taken at an institution other than the University of Maryland, College Park. In addition, no more than one upper-level course may be taken at an institution other than the University of Maryland, College Park.