# STATISTICS MINOR

1117 Mathematics Building  
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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:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>MATH241</td>
<td>Calculus III</td>
<td>4</td>
</tr>
<tr>
<td>or MATH340</td>
<td>Multivariable Calculus, Linear Algebra and Differential Equations I (Honors)</td>
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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

- STAT440  
  Sampling Theory  
  3

- STAT470  
  Actuarial Mathematics  
  or ECON422  
  Econometrics  
  or other courses as deemed appropriate

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.