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.

The departmental advisor for this program is Professor Paul Smith (pjs@math.umd.edu).

**Requirements**

The requirements entail 16 credits:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</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>
<td></td>
</tr>
</tbody>
</table>

Select one of the following pairs of courses:

- STAT400 & STAT401 (Applied Probability and Statistics I and Applied Probability and Statistics II) 6 credits
- OR
- STAT410 & STAT420 (Introduction to Probability Theory and Theory and Methods of Statistics) 6 credits
- OR
- STAT410 & STAT401 (Introduction to Probability Theory and Applied Probability and Statistics II) 6 credits

- STAT430 (Introduction to Statistical Computing with SAS) 3 credits

Select one of the following:

- A third course from the pairs above, if not already taken

- STAT440 (Sampling Theory) 3 credits
- or STAT470 (Actuarial Mathematics)
- or ECON422 (Econometrics I)
- 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.