The Value of a Mathematics Degree from Millersville University

Minors in Mathematics and Statistics

Mathematics and Statistics minors pair especially well with any of the following majors:

<table>
<thead>
<tr>
<th>College of Science &amp; Technology</th>
<th>College of Business</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>Accounting</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Economics</td>
</tr>
<tr>
<td>Computer Science</td>
<td>Finance</td>
</tr>
<tr>
<td>Earth Science</td>
<td>Management</td>
</tr>
<tr>
<td>Meteorology</td>
<td></td>
</tr>
<tr>
<td>Physics</td>
<td></td>
</tr>
</tbody>
</table>

Student who are majoring in a subject other than mathematics may elect to minor in either mathematics or statistics.

A. The Minor in Mathematics

The mathematics minor requires successful completion of the following courses:

1. Required Mathematics Courses 16-17 s.h.
   - MATH 161 - Calculus I 4 s.h.
   - (or MATH 163 - Honors Calculus I: 5 s.h.)
   - MATH 211 - Calculus II 4 s.h.
   - MATH 311 - Calculus III 4 s.h.
   - MATH 322 - Linear Algebra 4 s.h.

2. Mathematics Electives 6 s.h.
   Any two mathematics courses of 3 s.h. or 4 s.h. numbered 310 or above.
   
   TOTAL 22-23 s.h.
B. The Minor in Statistics

1. Required Mathematics Courses 12-13 s.h.
   - MATH 161 - Calculus I 4 s.h.
   - (or MATH 163 - Honors Calculus I: 5 s.h.)
   - MATH 211 - Calculus II 4 s.h.
   - MATH 311 - Calculus III 4 s.h.

2. Core Statistics Courses 4-6 s.h.
   Either:
   a. { MATH 335 — Mathematical Statistics 3 s.h., and
      MATH 435 — Mathematical Statistics II 3 s.h.
   or
   b. MATH 333 — Introduction to Prob and Stat 4 s.h.

3. Applied Statistics Courses 7 s.h.
   a. MATH 535 - Statistical Methods I 3 s.h.
   b. { MATH 536 — Statistical Methods II 3 s.h., or
      MATH 438 — Topics in Statistics 3 s.h.
   c. MATH 537 - Stat Prob Solv Seminar 1 s.h.

   TOTAL 23-26 s.h.

You can schedule time to attend a class or two, speak with the department administration and faculty, and have lunch with a couple of current students. Please call (717) 871-7668 or email one of the following:

Math Department Chairperson: Dr. Tyrone Washington tyrone.washington@millersville.edu
Assistant Chairperson: Dr. Kevin Robinson kevin.robinson@millersville.edu
Main Office: math@millersville.edu