

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:

College of Science & Technology

Biology
Chemistry
Computer Science
Earth Science
Meteorology
Physics

College of Business

Accounting
Economics
Finance
Management

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. $\left\{ \begin{array}{l} \text{MATH 335 – Mathematical Statistics} \\ \text{MATH 435 – Mathematical Statistics II} \end{array} \right.$	$\left. \begin{array}{l} 3 \text{ s.h.}, \text{ and} \\ 3 \text{ s.h.} \end{array} \right.$
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. $\left\{ \begin{array}{l} \text{MATH 536 – Statistical Methods II} \\ \text{MATH 438 – Topics in Statistics} \end{array} \right.$	$\left. \begin{array}{l} 3 \text{ s. h.}, \text{ or} \\ 3 \text{ s. h.} \end{array} \right.$
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
Assistant Chairperson: Dr. Kevin Robinson
Main Office:

tyrone.washington@millersville.edu
kevin.robinson@millersville.edu
math@millersville.edu