The Value of a Mathematics Degree from Millersville University

BA or BS in Mathematics with a Statistics Option

The field of statistics is ever-growing and always in demand in a wide variety of subject areas and occupations. Statisticians provide critical information in making informed decisions and advancing research. Employment in statistics is projected to grow by 31% in the next ten years, compared to the average 5% for all occupations, with the median salary for a statistician being around $95,000 in 2021 (U.S. Bureau of Labor Statistics).

Mathematics is important for so many different professions in business, health care, education, government, computer science, defense/security, artificial intelligence, economics and finance, engineering, and meteorology. A math major or minor can have a large positive impact on your marketability for job offers.

Careers in statistics involve analyzing data to answer questions through appropriate statistical techniques, as well as effectively communicating analysis results to those with and without statistical knowledge. Statisticians may be involved in the entire experimental process, including initial data collection and designing experiments, or may be consulted by researchers and other professionals on various research endeavors.

At Millersville, Mathematics majors with a Statistics option obtain a comprehensive working knowledge of statistical theory and methods, as well as the programming abilities to analyze data and produce the appropriate statistical analyses effectively and thoroughly.

Please see the other side of this page for a few examples of positions and companies where MU alumni with a BA or BS in Mathematics with a Statistics option have been employed.

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: departmentof.mathematics@millersville.edu
Millersville University students who graduate with a BA or BS degree in Mathematics with a Statistics option have been employed in the following positions and companies.

- Statistical Analyst          Lincoln Financial Group
- Mathematical Statistician   National Cancer Institute
- Programmer/Analyst           Westfield Insurance Group
- Statistician                 Milliman, Inc.
- Statistical Engineer         Corning Inc.
- Database Analyst             Moody Analytics
- Statistician                 The Merck Company Foundation
- Quality Assurance Manager    TE Connectivity
- Statistician                 Institute for Defense Analysis
- Biostatistician              US Bioscience
- Data Analyst                 Pennsylvania Patient Safety Authority
- Statistician                 U.S. Census Bureau
- Manager of Marketing Info & Analysis The Hershey Company
- Statistician                 Glaxo Smith-Kline
- Principal Statistical Data Analyst Educational Testing Service
- SAS Report Writer            PA Higher Education Assistance Agency
- Business Data Analyst        The Vanguard Group
- Statistician                 Disney
- Associate Data Review Scientist Eurofins Lancaster Laboratories