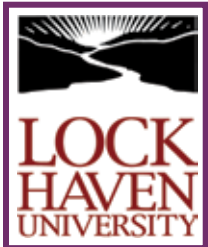


# Mathematics



Small college lifestyle,  
big university education



**LOCK  
HAVEN  
UNIVERSITY**

# B.A. Mathematics

Mathematicians are in high demand in national security, government, and industry. Within a strong liberal arts framework, you will explore the field of mathematics in its applied and pure forms. You will learn advanced concepts in depth including geometry, abstract algebra, and use of statistical and differential models. You may enhance your studies through research and math conferences to prepare to work in careers in industry, business and government or to continue your studies in graduate school.

# B.S. Education - Secondary Education Math

Secondary mathematics teachers are also in high demand. You will be prepared to teach mathematics to students in grades 7 - 12 through the knowledge gained from your mathematics courses as well as courses in educational psychology, classroom management, educational media and teaching methods. Our curriculum emphasizes classroom field experience through two *Methods of Teaching Mathematics* courses. Before your student teaching semester, you will have approximately 100 hours of observation or teaching in a classroom setting. In your senior year, you will spend 14 weeks student teaching (7 weeks in a middle school and 7 weeks in a high school) in the area. You may also choose to student teach abroad for seven weeks in a country such as Australia or England.

## Minor in Mathematics and Middle School Mathematics

You can broaden your educational experiences and your marketability by earning a minor in Mathematics or in Middle School Mathematics.

## Hands on Opportunities

The Science and Mathematics Resource and Technology Center (SMaRT) and the Mathematics Tutoring Center provide opportunities for majors to assist other students in mathematics, and to collaborate with faculty on research projects.

## Career & Graduate School Opportunities

Graduates with a B.A. degree find employment in business, government, industry and the actuarial profession. Others have gone on to graduate schools for advanced degrees in the mathematical sciences at schools such as Indiana University of Pennsylvania, Villanova University, Southern Illinois University, and Michigan State University.

Those with a B.S. Education degree have found teaching positions throughout Pennsylvania and the country. Approximately 98% of our B.S. graduates over the past ten years are employed, with about 86% employed in their field.

“Being involved with the mathematics department at Lock Haven University has been a great experience for me. The diverse range of courses has really helped to prepare me for a career in mathematics. The department also has wonderful professors who are more than willing to provide assistance in and out of the classroom.”

Donna Archangel (Junior)  
Secondary Mathematics  
Education Major

“I have been a math professor at LHU for over twenty years. Students studying mathematics will find friendly conversations, helpful discussions, thoughtful challenges, and professors with open-door office policies. Not to mention a great mathematics education!”

James Strayer  
Professor of Mathematics

## Facilities

The mathematics department boasts the latest equipment including graphing calculators, SmartBoards that interface with computers and the Internet, and a computer lab with advanced mathematics software. The Science and Mathematics Resource and Technology Center (SMaRT Center) is a resource for students, faculty and K-12 teachers providing manipulatives, texts, calculators and other technology which can be borrowed for teaching and learning mathematics and science. Mathematics majors may also be employed at the SMaRT Center and the Mathematics Tutoring Center to assist other students.

## Math Club

The math department has a very active Math Club. Its activities include trips to conferences at schools throughout the state where participants discuss a variety of topics from the mathematics behind magic to constructing puzzles. Each year, the Math Club volunteers at the Children’s Festival held on the LHU campus to show local children that learning can be fun! For more information about the Math Club, contact [brandall@lhup.edu](mailto:brandall@lhup.edu).

## Faculty

Most Math Department professors hold doctoral degrees. All faculty members are dedicated to teaching as well as being actively engaged in scholarly work - attending and presenting at conferences, engaging in research, and writing textbooks. Classes are taught by professors, not graduate assistants, who will give you all the help you need to succeed. Upper level classes are relatively small so you will have ample opportunity for individual assistance. All faculty have an open door policy so you will be free to interact with them outside the classroom.

**W. P. Abeyasinghe (1991)**  
Ph.D., Temple University  
Area of specialty: Probability and Statistics

**Muhammad Aslam (2007)**  
Ph.D., West Virginia University  
Area of specialty: Applied Mathematics

**Denine Burkett (1996)**  
D.Ed., University of Pittsburgh  
Area of specialty: Mathematics Education

**Richard Burkett (2003)**  
M.A., University of Pittsburgh  
Area of specialty: Mathematics Education

**T. Sarath Fernando (1989)**  
Ph.D., Bowling Green State University  
Area of specialty: Complex Analysis

**Jacinth Maynard (2008)**  
Ph.D., Central Michigan University  
Area of Specialty: Applied Statistics

**Richard Mikula (2007)**  
Ph.D., Rutgers University  
Area of specialty: Geometric Analysis

**Charles H. Morgan Jr. (2004)**  
Ph.D., Michigan State University  
Area of specialty: Dynamical Systems

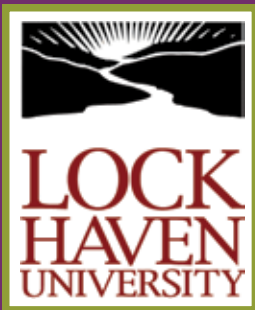
**Angela Pile (2008)**  
Ph.D., North Dakota State University  
Area of specialty: Geometric Topology & Knot Theory

**Carol A Rehn (1982)**  
M.S., Bucknell University  
Area of specialty: Developmental Mathematics

**James K. Strayer (1987)**  
Ph.D., Pennsylvania State University  
Area of specialty: Number Theory

**Steve Williams (2004)**  
Ph.D., Kent State University  
Area of specialty: Mathematics Education

*The parentheses indicate the year the faculty member joined LHU.*



For more information,  
contact:

Carol Rehn, Chair  
Mathematics Department  
(570) 484-2699  
[crehn@lhup.edu](mailto:crehn@lhup.edu)

Office of Admissions  
Lock Haven University  
Lock Haven, PA 17745  
(570) 484-2027

Or e-mail us at  
[admissions@lhup.edu](mailto:admissions@lhup.edu)

Or visit us at  
[www.lhup.edu](http://www.lhup.edu)

“Lock Haven University provided me with a sense of community and belonging. Professors take the time to know who you are and are more than willing to provide their students with extra help. The math department has provided me with many opportunities for growth, both professionally and personally.”

Christina Vidumsky (Senior)  
Secondary Mathematics  
Education Major