

DEPARTMENT OF MATHEMATICS

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The Department of Mathematics offers the M.S. degree and the M.A. degree. Both degrees have the thesis and non-thesis options, and both require 30 hours of graduate-level courses.

The M.S. has two options available. The M.S. (general option) provides knowledge in such traditional areas as analysis, algebra, topology, and applied mathematics, and is recommended for students who wish to obtain a Ph. D. degree, to teach in a community college, or to seek employment in industry with an emphasis on conceptual foundations. The M.S. (computational option) is designed for students seeking employment in industry with an emphasis on computational mathematics and/or computer science in addition to knowledge in traditional areas.

The M.A. degree is designed for students interested in careers in secondary education and will help students become more knowledgeable about the mathematics they will teach in high school and make connections and extensions of that knowledge to college and higher mathematics.

A more detailed description of the mathematics graduate programs can be found at www.wku.edu/math/grad_ms.php for the M.S. program and at www.wku.edu/math/grad_ma.php for the M.A. program.

Programs

- Mathematics, Master of Arts (049) (<http://catalog.wku.edu/graduate/science-engineering/mathematics/mathematics-ma>)
- Mathematics, Master of Science (085) (<http://catalog.wku.edu/graduate/science-engineering/mathematics/mathematics-ms>)

Faculty

Professor

Ferhan Atici, PhD (Mathematics and Statistics), University of Nebraska-Lincoln, 1995

Claus D. Ernst, PhD (Mathematics), Florida State University, 1988

Nezam Iraniparast, PhD (Mathematics), University of California-Davis, 1984

Walter B. Kessler, PhD (Mathematics), Vanderbilt University, 1997

Dominic A. Lanphier, PhD (Mathematics), University of Minnesota-Twin Cities, 2000

Thanh L. Nguyen, PhD (Mathematics), Ohio University Main Campus, 2002

Thomas A. Richmond, PhD (Mathematics), Washington State University, 1986

Mark P. Robinson, PhD (Mathematics), University of Kentucky, 1991

John S. Spraker, PhD (Mathematics), Indiana Uni Bloomin-USE 601401, 1987

Associate Professor

Melanie A. Autin, PhD (Statistics), University of South Carolina - Columbia, 2007

Tilak Bhattacharya, PhD (Mathematics), Purdue University Main Campus, 1988

Kanita K. Ducloux, PhD (Mathematics Education), University of Georgia, 2009

Molly Dunkum, PhD (Mathematics), University of Kentucky, 2005

Mikhail Khenner, PhD (Physico-Mathematical Sciences), Perm State University-Russia, 1999

Hope L. Marchionda, PhD (Curriculum and Instruction), Clemson University, 2006

Samangi Munasinghe, PhD (Mathematics), Texas A M University, 2006

Ngoc B. Nguyen, PhD (Mathematics), Bowling Green State University, 2010

Attila Por, PhD (Mathematics), Eotvos Lorand University-Hungary, 2003

Richard C. Schugart, PhD (Applied Mathematics), North Carolina State University, 2005

Assistant Professor

Daniel L. Clark, PhD (Mathematics Education), Michigan State University, 2016

Nicholas C. Fortune, PhD, North Carolina State University, 2018

Natasha Gerstenschlager, PhD (Mathematics Science Educ), Middle Tennessee State University, 2015

Ahmet O. Ozer, PhD (Applied Mathematics), Iowa State University, 2011