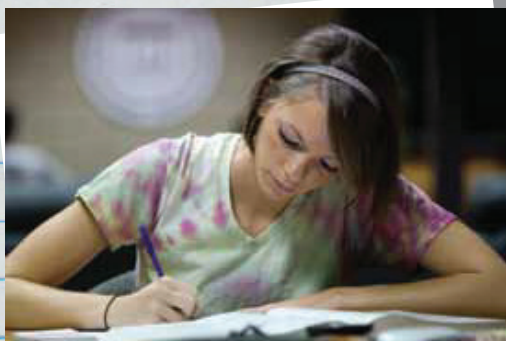


MATHEMATICS EDUCATION

Think with Clarity.
Act with Integrity.
Serve with Purpose.

Dream with Confidence...

$$a^2 + b^2 = c^2$$



B.S. in Mathematics Mathematics Education

→ Core Courses

Calculus I
Calculus II
Calculus III
Discrete Mathematical Structures
Linear Algebra
Probability and Statistics I
History of Mathematics
Introduction to Modern Algebra
College Geometry I
College Geometry II
Number Theory
Introduction to Computer Science I

→ Capstone Courses

Junior Colloquium in Mathematics
Mathematics Seminar
Senior Research

AT SOUTHERN NAZARENE UNIVERSITY, WE DON'T JUST BELIEVE IN YOUR DREAMS. WE EQUIP YOU WITH THE BEST EDUCATION WHICH GIVES YOU THE CONFIDENCE TO MAKE YOUR DREAMS A REALITY.

We know you are selecting a college for more than just its location or school colors. You want to go somewhere that will prepare you for the future. Your future.

At Southern Nazarene University, we want that for you too. That is why we work hard to make sure our degrees are supported by some of the top curriculum available.

We hire highly-qualified faculty who not only know the ins and outs of the profession you seek, but who truly wish to see you succeed individually. And we make sure you leave SNU prepared for a great job in a mathematics-related field. That's why we can encourage you not just to dream, but to dream with confidence.

WITH UNIQUE PROGRAMS

At SNU, you will be prepared for a lifetime of coaching others through mathematical problem-solving because of our unique approach to your learning. In addition to a standard range of mathematics courses, you will take three one-hour capstone courses designed to develop a strong set of mathematical skills that are anything but standard. In Junior Colloquium you will learn to read, report and

orally present on math books and journal articles. Your experience will develop your understanding of math skills as well as sharpen your ability to communicate the math you have read. Senior Seminar is a semester-long comprehensive problem-solving "exam" where you will face all the math you have studied during your 4 years at SNU. While solving a large set of math problems, you will recall, review and integrate concepts and problem-solving techniques from all of your university-level mathematics courses. The final capstone course, Senior Research in Math, involves a one-on-one research project directed by one of the math faculty. You will be guided on your first real journey of creating original mathematics!

Imagine creating your own courses! At SNU you have the opportunity to do just that. The tight relationships between faculty and students occasionally result in special, one-time courses being offered that interest you or a small group of students. Topology. Partial Differential Equations. Advanced Linear Algebra. Endless possibilities.

WITH UNIQUE OPPORTUNITIES

At SNU we know your education needs to extend beyond the classroom. That's why we offer a broad range of mathematical internships to fit your interests while expanding your education. Interested in Actuarial Science? Consider applying for an internship with American Fidelity Assurance Company in Oklahoma City.

Want more of a challenge? SNU is a part of the NASA-Oklahoma Space Grant Consortium. In fact, we are the only private university in Oklahoma that is. As part of the consortium, our students, including YOU, have the opportunity to make visits to NASA facilities around the country. You can even apply for internships to join NASA Research Centers. New Mexico. Texas. Florida. Or any of several other locations across the United States.

WITH HIGHLY-QUALIFIED PROFESSORS

Our mathematics professors are not only highly-qualified to teach, they spend their summers sharpening their teaching skills! Study under Dr. Nick Zoller who has spent a number of his summers assisting with teaching and instructing at the Johns Hopkins University Center for Talented Youth Summer Program. Zoller was also selected by the Mathematical Association of America as a fellow in Project NEXt. As part of Project NEXt, Zoller attended three national meetings and even helped organize a panel discussion at one.

Or take a class with Dr. Nathan Drake who has helped with STEM camps designed to encourage middle school girls to pursue studies in Science, Technology, Engineering, and Mathematics. Primarily their skills were refined through a focus on the mathematics of codes. Drake has also been a consultant for lawsuits as he analyzed the mathematics behind the case.

WITH PREPARATION FOR AFTER GRADUATION

Planning to go right into teaching? 100% of our graduates desiring to teach at the secondary level passed all certification exams and were offered full-time positions for the first year following graduation. For

27 straight years. Try to find another university with that record. In fact, many schools call each year looking to hire SNU math education graduates. Considering going the graduate school route? 100% of SNU grads who applied for graduate school in mathematics were not only accepted—they were offered teaching assistantships that paid ALL tuition and fees. And provided living allowance.

Meet Ashley Moody, SNU graduate and 2011 recipient of the Presidential Award for Excellence in Math and Science Teaching. Moody taught mathematics at McLoud High School for 9 years before getting her master's and becoming a guidance counselor. Her courses ranged from 7th Grade Math to Pre-Calculus. She has also served on state level committees to review Algebra I and Algebra II standards and test items. In 2006, she helped build a district-wide Algebra I curriculum. And in her last year in the classroom, all her Geometry students passed their ACE Geometry End of Instruction Test.

"My mathematics courses at SNU gave me the confidence and deep knowledge to be a successful teacher of math," says Moody.

Moody says the most important quality that has gotten her where she is today is responsibility. "From dedicated professors to uplifting chapel services, SNU encouraged me in my Christian walk and showed me that success comes by being responsible yet humble."

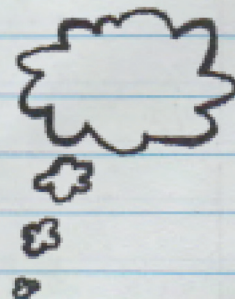
If a dream is a blueprint of a goal not yet achieved, at SNU we partner with you to focus your efforts to attain whatever it is you hope to accomplish. Thus, we say DREAM WITH CONFIDENCE.



www.snu.edu



Meet Ashley Moody
SNU Mathematics Grad



For more information, to schedule a campus visit or to apply at SNU, please visit www.snu.edu

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Phone: 405-789-6400

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