BS in Mathematics

Python Core
Calculus I
Calculus II
Calculus III

Electives (Select 8)
Differential Equations
Linear Algebra
Probability and Statistics I
Probability and Statistics II
Complex Variables
College Geometry I
College Geometry II
History of Mathematics
Introduction to Modern Algebra
Discrete Mathematical Structures
Introduction to Analysis
Number Theory

Capstone Courses
Junior Colloquium in Mathematics
Mathematics Seminar
Senior Research

Recommended Support Courses
General Physics for Scientists/Engineers I
General Physics for Scientists/Engineers II
Introduction to Computer Science I

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 to not just dream, but to dream with confidence.

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. A national program that brings a small number of new math faculty into a development and mentoring relationship with senior math faculty at other institutions. As part of Project NExT, Zoller attended three national meetings and even helped organize a panel discussion sessions at one.

WITH UNIQUE PROGRAMS
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.

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 to not just dream, but to dream with confidence.

WITH UNIQUE PROGRAMS
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. A national program that brings a small number of new math faculty into a development and mentoring relationship with senior math faculty at other institutions. As part of Project NExT, Zoller attended three national meetings and even helped organize a panel discussion sessions at one.

WITH UNIQUE PROGRAMS
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.
Zoller has also been active as a research professor in the SNU Summer Research Experience (SNU-SRE) program, a six-week paid internship in which students who have completed their freshman or sophomore year work directly under the mentorship of a SNU math or science professor. Zoller’s projects with summer researchers have included using Markov Chains to study the variety of possible outcomes of popular board games such as Hi-Ho! Cherry O and Chutes & Ladders.

Or take a class with Dr. Lee Turner who has been a visiting professor at Cornell University for 10 summers! During these sessions, Turner had the opportunity to attend lectures by leading mathematicians in numerous areas of mathematics.

**WITH PREPARATION FOR AFTER GRADUATION**

No one will prepare you for after graduation like SNU. 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. Or Maybe you would like to teach at the secondary level? 100% of our graduates desiring to teach passed all certification exams and were offered full-time positions for the first year following graduation. For 22 straight years. Try to find another university with that record. Maybe you have plans to get a career right after graduation. SNU mathematics graduates get great jobs using their knowledge of mathematics. Actuarial Consulting Companies. American Fidelity Assurance Company. Southwest Airlines. Chesapeake Energy.

Meet SNU graduate, Sarah Struck, a Reservoir Engineering Tech II at Chesapeake Energy. Struck uses historical data on a number of factors to forecast what an oil well is worth. Her team’s evaluations are used by the company in decisions on buying and selling oil wells. In her 5 years at Chesapeake, Struck has already received 2 promotions!

Struck attributes her encouraging parents and desire to love and serve God in her choice to attend SNU. “My parents encouraged me to dream and made it possible to go to SNU. At SNU I was surrounded by faculty and staff who encouraged me to work hard and cared about my personal well being,” Struck says. Her SNU math classes equipped her with problem solving skills she uses daily at Chesapeake Energy.

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.