Mathematics

Why study Mathematics at Maryville College?

Mathematics is the language of science and engineering, but in a technology-driven society that generates billions of pieces of data every day, it is also the language of business and communication. Mathematics majors explore topics in pure and applied mathematics, including statistics, computer science and physics. Our mathematics curriculum is complemented by the liberal arts core, resulting in students with a marketable mix of quantitative, analytical and communication skills. If you enjoy mathematics and seek to develop the skills to make an impact in a wide range of fields, we’d love to have you join us!

PROGRAMS OF STUDY:
- B.A. in Mathematics
- B.S. in Mathematics
- B.A. in Mathematics for Teacher Licensure
- Minor in Mathematics
- Minor in Analytics
- Minor in Statistics

Lucas Koch ’20

Hometown: Santa Monica, Calif.

Luke chose Maryville College because of its small class sizes and academic reputation. He said he chose math “because it is the language in which the universe was written. All other fields of study stem from it. I especially enjoy programming because it gives humanity a way to try and replicate the beauty of math in a simulated environment.”

He recently completed a Science Undergraduate Laboratory Internship at Oak Ridge National Lab, where he did research on the intersection of static binary instrumentation, adversarial machine learning and malware detection evasion. After graduation, he hopes to go on to graduate school for cybersecurity, followed by a career doing research in that field.

Nicasio Velez ’18

Currently: Second year of the Ph.D. program at the University of Tennessee

Nico is pursuing his Ph.D. while working as a graduate teaching assistant, balancing classes and teaching mentored classes.

He said Maryville College was vital in helping him find his path.

“Before MC, I was unsure of what I wanted to do – all I knew was that I had a passion for math and science. Once I took my first proof-based class, I realized the passion I truly had. When I started my Senior Study, it really cemented in my mind what math I wanted to study and the joy I had for research. The professors at MC were so encouraging and helped me ultimately decide I wanted to pursue a Ph.D. In fact, I am still working with [Lecturer in Mathematics] Dr. Jesse Smith on publishing my Senior Study, which was recently accepted by Rose-Hulman Undergraduate Mathematics Journal.

FOR MORE INFORMATION, visit maryvillecollege.edu/math or call 865.981.8092