Mathematics Minor

Swenson College of Science and Engineering

The minor in mathematics is based on the completion of the traditional core of calculus, differential equations, and elementary linear algebra commonly required of undergraduate physical science, engineering, and mathematics degrees. Additional, more advanced, elective classes are required, as well. The minor in mathematics certifies a student's quantitative, problem-solving, and critical thinking skills.

Why UMD

- Active learning environment
- Access to state-of-the-art instrumentation
- Focus on undergraduate teaching and research

Acquired Skills

- Quantitative Analysis
- Problem-solving Skill
- Critical thinking skills

Career Possibilities

Career opportunities for mathematics and statistics are extensive. Obvious careers involve working as an actuary for an insurance or consulting company, or as a teacher. Most mathematics and statistics majors, however, use their problem solving skills in the business world - analyzing processes, data, and algorithms, or in government research. Employers hire mathematics and statistics majors because employers know those students are able to work on hard problems, and to make logical decisions.

Scholarships

Student Clubs

Math Club [1]

Committed to fostering a love for mathematics and problem solving. It is open to anyone with an interest in Math. Meetings are focused on building community, service and discipline-related activities.

Actuary Club [2]

hosts a variety of events to strengthen students' leadership, networking, professional, and actuarial skills.

The club also provides students with the option to compete the Validation by Educational Experience Credit. Requirements for this credit contains topics not incorporated in the preliminary actuarial exams but that are still considered necessary skills for an actuary.
Links
[1] https://bulldoglink.d.umn.edu/organization/mathclub