MATHEMATICS (MATH)

PURE TRACK

The pure track is recommended if you are interested in pursuing graduate studies leading to a career in academia or applied research. The Mathematics Department has been ranked in the top group of research departments in the US, with strengths in algebra, analysis, geometry, number theory, topology and probability.

TOP FIVE REASONS TO STUDY THIS MAJOR

- Increase your capacity to think logically and analytically.
- Develop numerical skills to solve complex problems.
- Engage with a wide variety of pure and applied topics.
- Prepare yourself for a wide variety of future careers or future studies.
- **5** Be part of an active and collaborative program.

SKILLS YOU'LL DEVELOP

Analytic reasoning

Logical mathematical foundations

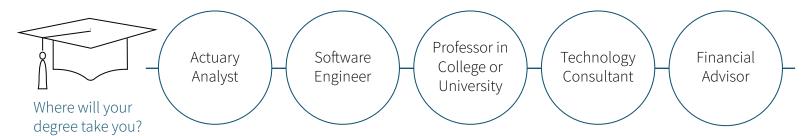
Algebra, analysis & topology

Probabilistic & statistical methods using appropriate software

Mathematical writing using LaTeX

Teaching & tutoring

ALUMNI OCCUPATIONS





COURSES YOU WILL TAKE

1ST YEAR

2ND YEAR

Appropriate calculus

MATH **341**, **342** (MATH 25x)

MATH 281, 282

MATH 307 & two math labs

Four 4xx MATH courses from

or MATH 231, 232

Two math labs

3RD YEAR 4TH YEAR

CS 122 or 210

approved list including MATH **316**, **317** or **347**, **348**

or 391, 392

two-term sequence

MAJOR CREDITS

Required 44 Credits **Flectives** 16 Credits

Total 60 Credits **CORE ED REQUIREMENTS**

Core Education is approximately 71-83 credits depending on transfer credits and placement scores:



https://catalog.uoregon.edu/ aenedcourses/

Scan the QR code for more on Core Ed Course Requirments!

BS or BA DEGREE MINIMUM =

180 Total Credits

MAKING THE MAJOR YOURS

SPECIALIZED COURSES

ADD A MINOR OR CERTIFICATE

Computer Science

Linear Algebra

Number Theory

Biology

Physics

Topology

Geology

Analysis

Economics

Abstract Algebra

Methods of Mathematical

Data Science

Statistical Methods

Business Administration

Partial Differential Equations

Cryptography

Machine Learning & Statistics





experiential-learning

Scan the QR code for more!

SCHOLARSHIPS



Scan the QR code for more!