MATHEMATICS (MATH)

STANDARD TRACK

A major in mathematics is valued by many employers looking for versatile employees with numerical and analytical skills. Our department has been ranked in the top group of research departments in US public universities.

TOP FIVE REASONS TO STUDY THIS MAJOR

1. Increase your capacity to think logically and analytically.
2. Develop numerical skills to solve complex problems.
3. Engage with a wide variety of pure and applied topics.
4. 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
- Mathematical modeling
- Logical mathematical foundations
- Probabilistic & statistical methods using appropriate software
- Mathematical writing using LaTeX
- Teaching & tutoring

ALUMNI OCCUPATIONS

Where will your degree take you?

- Software Engineer
- Actuary Analyst
- Insurance Broker
- Technology Consultant
- Financial Advisor

COURSES YOU WILL TAKE

1ST YEAR

Appropriate calculus (MATH **25x**)

MATH **281** or **282** & two math labs

2ND YEAR

MATH **341** or **342**

MATH **307** & two math labs or MATH **231, 232**

3RD YEAR

CS **122** or **210**

MATH **316, 317** or **347, 348** or **391, 392**

4TH YEAR

Four MATH **3xx/4xx** courses from approved list including two-term sequence

CORE ED REQUIREMENTS

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

https://catalog.uoregon.edu/genedcourses/

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

MAJOR CREDITS

Required	44 Credits
Electives	16 Credits
Total	**60 Credits**

BS or BA DEGREE MINIMUM = **180 Total Credits**

MAKING THE MAJOR YOURS

SPECIALIZED COURSES

- Linear Algebra
- Number Theory
- Topology
- Analysis
- Abstract Algebra
- Methods of Mathematical
- Statistical Methods
- Partial Differential Equations
- Cryptography
- Machine Learning & Statistics

ADD A MINOR OR CERTIFICATE

- Computer Science
- Physics
- Biology
- Geology
- Economics
- Data Science
- Business Administration
- Accounting

EXPERIENTIAL LEARNING

https://cas.uoregon.edu/experiential-learning

Scan the QR code for more!

SCHOLARSHIPS

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College of Arts and Sciences

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