

COTTEY

What Can I Do With A Major In . . . ?

Mathematics

Mathematics is the study of measurement, properties, and relationships of quantities and sets, using numbers and symbols. Mathematics is both a discipline and a tool used extensively in the sciences, medicine, engineering, and industry. Math majors develop the ability to explore, conjecture, and reason logically, as well as use mathematical methods to solve problems. Theoretical mathematicians develop new principles or new relationships between existing math principles without consideration to practical uses. Applied mathematicians typically use theories and techniques in the application of mathematical knowledge to other domains.

IS THIS MAJOR FOR YOU?

You might like this major if you also like: solving puzzles; intellectual challenges; art as it relates to shape, balance, and design; precise and succinct writing; philosophy

Consider this major if you are good at: attention to detail; creativity; critical reading/thinking; observing; math; quantitative analysis; spatial reasoning

EMPLOYMENT SETTINGS

- Colleges and universities
- CPA, insurance, financial firms
- Manufacturing firms
- Wholesale and retail trade firms
- Federal agencies
- Banks and brokerage firms
- Computer hardware and software firms

SAMPLE OCCUPATIONS

- Software Developer
- Engineer
- Statistician
- Computer Programmer
- Investment Analyst
- Cartographer
- Actuary
- Educator

ACADEMIC ASSISTANCE CENTER RESOURCES

Great Jobs for Math Majors

Careers for Number Crunchers and Other Quantitative Types

Careers in Computers

Opportunities in Engineering Careers

Careers in Insurance

Opportunities in Financial Careers

100 Jobs in Technology

COURSES IN THIS MAJOR

- Calculus I, II & III
- Statistics
- Discrete Math
- Differential Equations
- Linear Algebra
- Modern Algebra
- Modern Geometry
- Complex Analysis

OTHER MAJORS YOU MIGHT LIKE

- Aeronautics
- Physics
- Engineering
- Computer Science
- Accounting
- Economics
- Information Sciences
- Philosophy

WEBSITES TO VISIT

Mathematical Association of America
www.maa.org

American Statistical Association
www.amstat.org

Society of Actuaries
www.soa.org

For more information on this and other majors, visit the Transfer and Career Planning Office located in the Academic Assistance Center, RBAC 164, ext. 2132.