

BACHELOR OF ARTS IN MATHEMATICS



B.A. IN MATHEMATICS

offers a comprehensive program designed to enable students to enjoy mathematics, engage in research, pursue advanced studies, or enter the field in any number of settings. Coursework features a broad range of experiences and there are additional opportunities for a variety of interests.

REQUIREMENTS

The Mathematics Major requires 44 credit hours in the Department of Mathematics and Computer Science.

Courses consist of:

- Calculus
- Probability and Statistics
- Differential Equations
- Computer Science
- Linear Algebra
- Abstract Algebra
- Topology
- Analysis
- Seminar

We also offer a **minor in Mathematics**.

Additional coursework

General Education (approx. 40 credit hours) and additional electives are needed to complete a minimum of 120 credits for graduation.

Additional Opportunities

Opportunities here include but are not limited to:

- Numerical Analysis
- Complex Variables
- Linear Programming
- Non-Euclidean Geometry
- Independent study/research

DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

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BACHELOR OF ARTS IN MATHEMATICS

SOME OBVIOUS CAREERS FOR MATHEMATICS MAJORS

- Accountant/ CPA/ Auditor
- Actuary
- Aerospace Engineer
- Applied Science Technologist
- Banking/ Credit/ Investment Manager
- Biometrician
- Biostatistician
- Bookkeeper
- Budget Analyst
- Consultant
- Econometrician (Mathematical Economist)
- Financial Analyst
- Information Scientist
- Internal Revenue Agent
- Market Research Analyst
- Mathematician
- Statistician
- Stock Broker
- Underwriter

AND SOME NOT SO OBVIOUS ONES!

- Aerodynamic Specialist
- Air Traffic Controller
- Appraiser
- Architect
- Assistant Director of Public Relations
- Astronomer
- Astrophysicist
- Benefits Consultant
- Cartographer
- Contract Administrator
- Demographer
- Director of Investor Relations
- Drafter/ Draftsman
- Efficiency Engineer
- Electrician
- Engineer
- Engineering Analyst
- Executive Complaint Coordinator
- Technical Illustrator
- Technical Writer
- Telecommunications Analyst
- Financial Planner
- Fire Claims Adjuster
- Geologist
- Hydrogeologist/ Hydrologist
- Income Tax Preparer
- Insurance Agent
- Inventory Control Specialist
- Lawyer
- Manager
- Meteorologist
- Navigator
- Nuclear Scientist
- Physicist
- Pilot
- Production Manager
- Psychometrician
- Purchasing Agent/ Buyer
- Quality Control Analyst
- Radar Technician
- Sales/ Marketing/ Advertising Managers
- Surveyor
- Wage and Hour Administrator

FOR MORE INFORMATION ON WHAT YOU CAN DO WITH A MAJOR IN MATHEMATICS:

MAA.ORG/CAREERS