



Hood College DEPARTMENT OF MATHEMATICS

hood.edu/math

Studying mathematics at Hood will develop your critical thinking and problem-solving skills, preparing you for careers in defense, healthcare, technology, finance, consulting, public service and telecommunications. You can also earn certification in secondary education to teach mathematics at the middle or high school level.

In our classes, you will apply mathematical concepts to solve both real-world and theoretical problems, working closely with professors and peers in a supportive environment. You will learn to use the latest mathematics and statistics software for computation, visualization and data analysis.

Many students double major in complementary fields like computer science, business, accounting, economics or chemistry. Others pair a mathematics major with a minor such as computer science, data science, actuarial science or economics.



FIND THE FORMULA
FOR SUCCESS.

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The Hood College mathematics program prepared me to work among all levels of government officials, in addition to teaching me to expand the boundaries that math can be related to in the professional industry. I would not be in the position I am today without the dedication to student success that the mathematics department at Hood has integrated into the foundation of the program.

—MARIETTA CORDERO '22
Mathematics Major



HOOD.EDU



UNDERGRADUATE PROGRAMS

- Mathematics (B.A.)
 - Secondary Education Certification
- Actuarial Science Minor
- Data Science Minor
- Mathematics Minor
- Mathematics Education Minor

GRADUATE PROGRAMS

- Mathematics Education (M.S. or Certificate)

BEYOND THE CLASSROOM

As a mathematics student, you may collaborate with faculty on research projects, join the student-led Least Squares math club, and attend the department's Mathematics Seminar and career panels. The Frederick-Baltimore-Washington, D.C., area also provides opportunities for internships at a variety of nationally recognized organizations.

Graduates of our program have successful careers in industry, government and education. Our alumni work for Johns Hopkins University, Booz Allen Hamilton, Deloitte, Epic Systems, Hewlett Packard, Northrop Grumman, Wells Fargo, the National Cancer Institute, the United States Census Bureau and the National Security Agency, as well as various public and private schools.

You will be prepared to pursue master's and doctoral degrees in fields such as data science, civil engineering, data analytics, business administration, applied mathematics, computational science and operations research.

Our faculty are committed teachers, active in scholarship, service and mentorship—faculty who will work with you and help develop your critical thinking skills.

Visit and Apply

Hood College
401 Rosemont Avenue, Frederick, MD 21701-8575
301-696-3400 | admission@hood.edu

Your future is **WORTH THE WORK.**

CAREERS IN MATHEMATICS

Mathematics experts work in many fields, from business and finance to education and technology.

- Consultant
- Cryptographic Vulnerability Analyst
- Data Analyst/Scientist
- Financial/Securities Analyst
- Logistics Coordinator
- Middle or High School Teacher
- Professor
- Program, Software or Systems Engineer

