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HOOD
COLLEGE
1893

The Hood College

Department of Mathematics

hood.edu/math

The Department of Mathematics

Hood offers a major in mathematics with courses in both theoretical and applied mathematics. Students may also earn certification in secondary education to teach mathematics at the middle or high school level after they graduate. Studying mathematics enhances problem-solving skills and provides opportunities for internships, fellowships and careers in a variety of fields.

Instructors work closely with students in small classes. Students have access to computer labs in the Hodson Science and Technology Center where they can use mathematics software for computation, visualization and data analysis.

Majors, Minors and Concentrations

Majors and Concentrations

- **Mathematics** Major (B.A.)
- **Mathematics** Major (B.A.) with **Secondary Education** Certification

Minors

- **Actuarial Science** Minor
- **Mathematics Education** Minor
- **Mathematics** Minor

Beyond the Classroom

Students in the mathematics department have opportunities on campus to cultivate their analytical skills and work side-by-side with faculty members from related disciplines. They are encouraged to join the student-led Least Squares math club, which arranges trips to visit museums and attend lectures. They have the opportunity to work closely with faculty on research projects and to present their research at both regional and national conferences. The Frederick-Baltimore-Washington, D.C. area also provides opportunities for internships in a variety of fields.

Hood mathematics graduates have successful careers in industry, government and education. Current employers include The Johns Hopkins University Applied Physics Laboratory, Booz Allen Hamilton, Deloitte, Epic Systems, Hewlett Packard, iNovex, Intelsat, Millennial Media, Nobus, Ratheon, Wells Fargo, The National Cancer Institute, The United States Census Bureau, The Department of Defense, The United States Patent and Trademark Office, Anne Arundel Community College, Montgomery College, Frederick County Public Schools and Montgomery County Public Schools. Many students continue their studies in graduate school in mathematics and related fields.

4PLUS

Hood's 4PLUS program will save you the cost and study time of graduate admission tests, application fees and extra courses. By working with your adviser, you can start taking courses toward your master's in your junior or senior year and earn dual-course credit for both your undergraduate and master's degree in several majors.

Any major can combine their bachelor's degree with a master's in business administration, cybersecurity or information technology.

hood.edu/4plus

HOOD BY THE NUMBERS

32
BACHELOR'S DEGREES

19
MASTER'S DEGREES

11
POST-BACCALAUREATE CERTIFICATES

2
DOCTORAL PROGRAMS

8 MASTER'S PROGRAMS THAT CAN BE ACCELERATED AS PART OF THE 4PLUS PROGRAM

AVERAGE CLASS SIZE 15

STUDENT-TO-FACULTY RATIO 11:1

2,037
TOTAL ENROLLMENT

1,182
NUMBER OF UNDERGRADUATE STUDENTS

30 & 14
STATES **COUNTRIES**
OF ORIGIN FOR UNDERGRAD STUDENTS

40%
UNDERGRADUATE DIVERSITY

855 GRADUATE STUDENTS

97
FULL-TIME PROFESSORS

95%
OF FULL-TIME FACULTY HOLD A TERMINAL DEGREE IN THEIR FIELD

136
PART-TIME AND ADJUNCT FACULTY COMPLEMENT THE FACULTY WITH THEIR EXPERTISE

26%
DIVERSITY OF FULL-TIME FACULTY

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