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HOOD
COLLEGE

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.

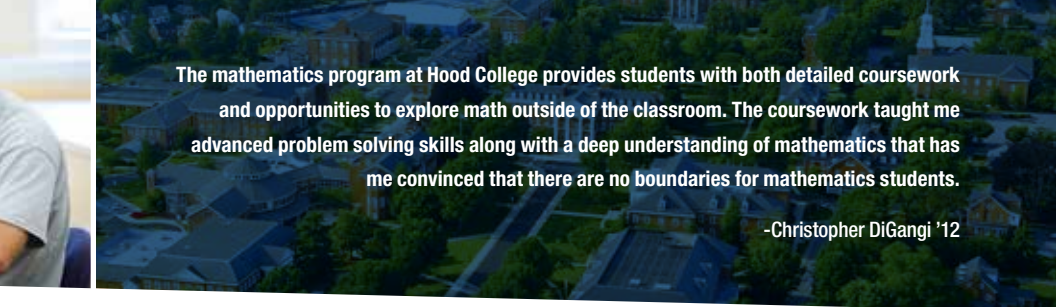
Majors, Minors and Concentrations

Majors and Concentrations

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

Minors

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



The mathematics program at Hood College provides students with both detailed coursework and opportunities to explore math outside of the classroom. The coursework taught me advanced problem solving skills along with a deep understanding of mathematics that has me convinced that there are no boundaries for mathematics students.

-Christopher DiGangi '12

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.

Student Quote

The mathematics curriculum at Hood is unique. The emphasis on 'discovering' mathematics and applying course material in homework and lab exercises has certainly enriched my problem-solving skills and understanding of the material. The math department at Hood also stresses the importance of group projects, which enabled me to gain the skills required to work successfully outside of the educational institution.

-Stephanie Tomasello '08



About Hood

Founded in 1893 in Frederick, Maryland, Hood College is a coeducational, independent, liberal arts college, which offers bachelor's, master's and doctoral degrees and post-baccalaureate certificates. Home to approximately 1,100 undergraduate students from 25 states and 15 countries, Hood offers 28 majors, more than 45 minors, and pre-professional preparation in medicine, veterinary science, pharmacy, dentistry and law. Hood students experience small class sizes, where they receive individual attention from supportive faculty. With its proximity to Washington, D.C., Baltimore and the I-270 biotech corridor, Hood gives its students access to countless internships and research opportunities.

At Hood, we are challenging students to improve their critical thinking, communication and collaborative skills and preparing them not just for their first jobs, but for their careers. For high-achieving students, we offer a four-year honors program with a living and learning setting expanding the curriculum with an emphasis on interdisciplinary education through discussion-based seminars, collaborative projects and experiential learning opportunities. Eighty-five percent of first-year students live on campus; more than 40 campus clubs and organizations as well as 22 NCAA Division III athletic teams and two club-level athletic teams create an active and vibrant campus environment.

Hood, in addition to its exceptional undergraduate programs, also offers 19 master's degrees, 10 certificate programs and two doctoral programs. Our graduate programs are designed to work in tandem with our bachelor's degrees so that students can take advantage of dual-degree programs. Hood is located in a fantastic college town; students are within walking distance of shops, galleries and restaurants and a vibrant downtown. A tremendous alumni network offers students and graduates mentoring, connections, guidance and advice. The Princeton Review, U.S. News & World Report and many other publications have recognized Hood as an affordable top-tier institution.

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Apply: www.hood.edu/apply
Visit: hood.edu/visit

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