

Applied Mathematics and Statistics, & Scientific Computation Program

ABOUT US

Our top ranked graduate program opens a world of possibilities. We offer PhD and MS degrees in three concentrations: Applied Mathematics, Applied Statistics, and Scientific Computation.



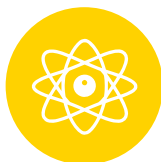
APPLIED MATHEMATICS

Expand the mathematical foundation of applied sciences and engineering. Train in advanced applied disciplines including mathematical modeling and differential equations.



APPLIED STATISTICS

Specialize in a statistical application with a variety of statistical topics. Develop mathematical and computing skills necessary for modern applied statistical research.



SCIENTIFIC COMPUTATION

Study computation in a variety of applied fields: Physical + Life Sciences, Engineering, Business, and Social Science. Train in computational techniques and high performance computing.

APPLY NOW



For more information, visit
amsc.umd.edu

KEY LOCATION NEAR WASHINGTON, D.C.



The AMSC program is located in a vibrant hub of mathematics, science, technology, medicine, and environmental research and policy, giving AMSC students the opportunity to work with renowned institutions.



DEPARTMENT OF
MATHEMATICS

Applied Mathematics and Statistics, & Scientific Computation Program



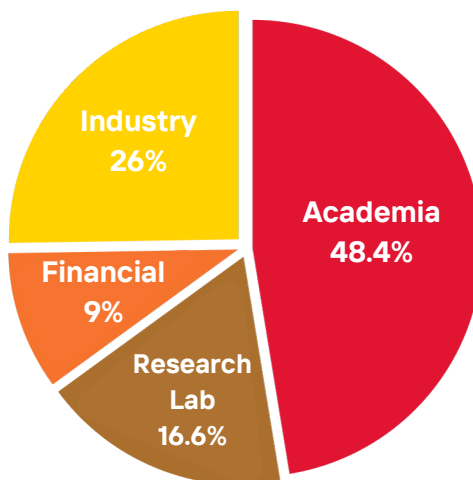
POPULAR APPLICATION AREAS

"When I visited UMD, I was impressed by the opportunities that such an interdisciplinary program could offer.."

- Applied PDEs
- Atmospheric Sciences
- Biology and Medicine
- Computational Fluid Dynamics
- Control theory
- Cryptology
- Econometrics
- Epidemiology and Biostatistics
- Image Processing
- Machine Learning and Data Science
- Mathematical Finance
- Numerical Analysis and Scientific Computing
- Operations Research
- Quantum Computing
- Statistics
- Survey Methodology and Statistics of Social Measurement
- And more

OUR STUDENTS

Graduates find competitive placements with Duke University, Harvard Medical School, Apple, Google, National Institutes of Health, Department of Energy, Wells Fargo, and Morgan Stanley - *to name a few*.



Alumni Placement

FINANCIAL SUPPORT

The Department of Mathematics offers all full-time PhD students tuition remission in addition to a living stipend for five years, providing students with the invaluable opportunity to teach undergraduate students and grade upper level coursework.

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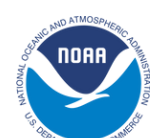
LOCAL LABS + AGENCIES



Centers for Disease Control and Prevention
National Center for Health Statistics



NATIONAL CANCER INSTITUTE



NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY
U.S. DEPARTMENT OF COMMERCE

JOHNS HOPKINS
APPLIED PHYSICS LABORATORY



DEPARTMENT OF
MATHEMATICS