Mathematics

Overview

Mathematics provides powerful tools for explaining how the world works. As a mathematics major, you learn how to use them. We offer small classes, lots of personal attention and plenty of opportunities for individual study, research and honors study in pure and applied mathematics. You also learn to draw connections between mathematics and other fields of study. You can take a course in mathematical methods in the physical sciences, data analysis or even applications of networks. During your junior or senior year, you take part in an advanced seminar with talks by visiting experts and Connecticut College faculty. You also prepare and deliver a one-hour lecture on an advanced topic of your choice.

Special Opportunities

We offer a broad range of statistics courses and have a full-time faculty member who is a trained statistician. Many math majors study abroad or pursue a funded internship through the College's career and professional development program. You also have the option of pursuing a certificate from one of our interdisciplinary centers. In addition, you may present a paper at the Hudson River Undergraduate Mathematics Conference or other professional meeting.

Co-curricular Activities

Math students work together and have fun together. We offer career nights, game nights and visits by prominent mathematicians. We regularly compete in the national William Lowell Putnam Mathematical Competition. The department also hosts its own annual competition, the Connecticut Collegiate Mathematics Competition, and has a Student Chapter of the Association for Women in Mathematics. Additionally, students at the math help center tutor peers in introductory and intermediate-level courses, and the Connecticut Epsilon Chapter of Pi Mu Epsilon, the national mathematics honor society, is based on campus.

Emil Lalov
Mathematics, Economics

Q: Why Connecticut College?
A: The great academics combined with many extracurricular opportunities, as well as the supporting and friendly environment.

Q: Why did you decide to study mathematics?
A: For me, mathematics is a beautiful subject requiring nothing but your ability to think creatively and use your intuition the right way. I was fascinated by this science in high school. My desire to learn more about it led me to get involved with math competitions. When I came to Connecticut College, I was eager to continue.

Q: What role has the College’s career development and funded internships program played for you?
A: The career office helped me a lot while I was applying for internships. The advisers are absolutely fantastic and I cannot say how grateful I am to them for helping me land my dream internship as an actuary in Liberty Mutual’s headquarters in Boston. I did this internship in my sophomore year and was invited back the following summer – an offer I was thrilled and excited to accept.

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WHAT CAN YOU DO WITH A MAJOR IN MATHEMATICS?

Developer, General Dynamics Information Technology
Mathematician, Naval Underseas Warfare Center
Assistant Professor of Economics, University of California, San Diego
Analyst, Citigroup
Teacher, American International School in Johannesburg
Manager of Accounting Processes, Otis Elevator
Market Planner, Motorola
Senior Business Analyst, The Hartford
Associate Professor, University of South Florida
Systems Engineer, Boeing Co.
Senior Software Engineer, Google Inc.
Vice President for Business Development, Merrill Lynch & Co.
Director of Research, St. Paul Travelers Cos.
Load Research Analyst, Northeast Utilities
Senior Financial Economist, FDIC
Portfolio Manager/VP of Trust Division, Pittsburgh National Corp.

EXAMPLES OF STUDENT RESEARCH IN MATHEMATICS

Emil Lavlov ’14
Functional Equations and their Applications

Selected Courses
Linear Algebra; Multivariable Calculus; Discrete Mathematics; Ordinary Differential Equations; Time Series Analysis; Abstract Algebra; Real Analysis; Graph Theory; Theory of Computation; Network Applications from Sudoku to Social Media

About Connecticut College
Connecticut College educates students to put the liberal arts into action as citizens in a global society. A leader in the liberal arts since 1911, the College is home to nationally ranked programs for internships, community action, arts and technology, environmental studies and international studies. Our beautiful 750-acre arboretum campus is located in the historic New England seaport community of New London, Conn.