



MATHEMATICS

Students pursuing a major in Mathematics work with award-winning faculty dedicated to teaching in the context of the liberal arts and sciences. The focus is to introduce students to the central ideas, methods and achievements of mathematics and help them to develop such general intellectual skills as rigorous reasoning, problem solving and persuasive expression.

Professors in the department see mathematics as both a specialized discipline that can prepare students for specific careers and a fundamental part of a general education, which will give them the intellectual dexterity and creative spirit to excel and, more important, to adapt to an ever-changing world.

INTERNSHIP OPPORTUNITIES

Places where Stonehill students have recently interned include:

- Boehringer Ingelheim Pharmaceuticals
- Cubist Pharmaceuticals
- Department of Veterans Affairs
- Eastern Bank
- European Parliament, Brussels, Belgium
- InterSystems
- John Hancock corporate offices
- Liberty Mutual (Actuary)
- Raytheon Systems
- Staples Inc.

GRADUATE/PROFESSIONAL SCHOOL STUDIES

Places where Stonehill graduates have recently attended a full- or part-time graduate program include:

- Boston University
- Brown University
- Clemson University
- Duke University
- Montana State University
- University of Illinois at Champagne-Urbana
- University of Virginia
- Worcester Polytechnic Institute
- Yale University

RESEARCH OPPORTUNITIES

Stonehill Undergraduate Research Experience

This is an opportunity for students who have completed their first year at Stonehill to perform significant, publishable, full-time research under the guidance of and in collaboration with an experienced faculty researcher.

Recent example

Andrea Monterotti '14 worked with Hsin-hao Su, assistant professor of Mathematics, on "The Edge Balance Index Set of the Halin Graph of the L-Product of Cycles by a Path"

HONORS SOCIETY AFFILIATION

Sigma Zeta

National Science & Mathematics Honor Society

Kappa Mu Epsilon

A specialized honor society in Mathematics

CAREER OUTCOMES

Places where Stonehill graduates have recently been employed include:

- Boston Architectural Center
- Environmental Protection Agency
- EMC Corp.
- Fidelity Investments
- General Dynamics
- InterSystems
- iProspect
- Liberty Mutual
- MEDITECH
- Partners HealthCare
- Raytheon Systems
- Staples (software design)
- U.S. Centers for Disease Control and Prevention
- Various school systems
- WorldTeach

LUX ET SPES



STONEHILL COLLEGE

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MATHEMATICS

CAREER SERVICES RESOURCES FOR STUDENTS

General

- The Office of Career Services offers extensive assistance to students seeking employment, pursuing advanced studies or participating in postgraduate service opportunities. By completing internships and utilizing mentors, students are empowered to build lifelong career management skills.

Mathematics-specific

- Extensive on-campus recruiting program for internships and entry-level jobs.
- Annual career fairs and graduate school information sessions.
- Externships and internships in New York; Washington, D.C.; and Los Angeles (weeklong and semesterlong programs).
- Various industry-specific career lunches – government, nonprofits, sustainability, retail management, insurance, biotech and pharmaceuticals.
- Math and Economics alumni career panel.

Active mentors

- Autotegrity
Digital Marketing Consultant
- Boston Scientific
Data Analyst
- Brown Brothers Harriman
Assistant Vice President
- General Dynamics C4 Systems
Director – Business Development
- IBM
Senior IT Architect

- New England Research Institute
Biostatistician
- North Plainfield School District
High School Math Teacher
- Travelers Insurance
Actuary
- WorldTeach
Teacher
- Zurich Insurance
Underwriter

“I was able to pour myself into the Math department while still participating in music and working closely with the Office of Admission. Through the breadth and variety of experiences I was fortunate to have as a Stonehill student, I learned just as much outside of the classroom as I did in it.”

– Cortney Logan '12
now a Mathematics graduate student
and Ph.D. candidate at the University of Virginia

Stonehill at a Glance

Founded by the Congregation of Holy Cross, Stonehill College values integrity, tradition and the rewards that come when you pair rigorous academics with world-class faculty committed to their students' success. Our nationally recognized experiential learning programs and focus on service shape graduates into compassionate leaders and global thinkers.

- 2,590 full-time students (1,588 women, 1,002 men).
- 93% of students live on campus.
- 167 full-time faculty (100% of classes taught by professors).
- 13:1 student/faculty ratio (average class size: 19 students).
- Tuition: \$36,160.
Room and board: \$13,710.
- 86% retention rate.
- 93% of enrolled students receive financial assistance. Average freshman award, including scholarships, grants, federal student loans and work study, is \$25,451.
- \$50.5 million: amount of aid Stonehill students received in 2013-2014 academic year.
- 80% of the Class of 2013 completed an internship-related experience while at Stonehill.
- Ranked in the top 10% nationally for opportunities abroad, Stonehill offers internships, study and service travel programs around the globe.
- 91% of students participate in internships, study abroad, research practicum or fieldwork.
- 50% of the class of 2013 had secured a job by graduation, double the national average of 25%.

98%

OF ALUMNI ARE IN CAREERS,
TOP GRADUATE PROGRAMS
OR VOLUNTEERING
WITHIN ONE YEAR OF
GRADUATION