



# ENGINEERING

The Notre Dame Engineering Dual-Degree program gives students the opportunity to study at both a selective liberal arts college and a nationally ranked research university. Through this initiative, students attend Stonehill for three years to earn a Bachelor of Arts degree in a science discipline and then transfer to the University of Notre Dame for two years to earn a Bachelor of Science degree.

Students may choose one of the following degree combinations:

- **B.A. in Chemistry and B.S. in Chemical Engineering**
- **B.A. in Computer Science and B.S. in Computer Engineering**
- **B.S. in Environmental Science and B.S. in Environmental Engineering or Environmental Earth Sciences**
- **B.A. in Physics and B.S. in Aerospace Engineering**
- **B.A. in Physics and B.S. in Civil Engineering**
- **B.A. in Physics and B.S. in Electrical Engineering**
- **B.A. in Physics and B.S. in Mechanical Engineering**

## RESEARCH OPPORTUNITIES

The combination of Stonehill's and the University of Notre Dame's renowned undergraduate research opportunities means students will have far more in-the-field research experience to support their integrated learning at both schools.

### 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

Chemical Engineering major Hannah Fitch '15 and Mechanical Engineering major Melissa Drury '15 worked with Cheryl Schnitzer, associate professor of Chemistry, on artificial photosynthesis. This research will focus on the light-harvesting antenna complex (LH2) system of photosynthesis and the dynamics of energy transfer among components of the complex.

In addition to research at Stonehill, the University of Notre Dame offers undergraduate opportunities for cutting-edge research in a variety of facilities across campus, from designing micro air vehicles to studying the degradation of organic contaminants in groundwater.

## HONORS SOCIETY AFFILIATION

### Sigma Zeta

National Science & Mathematics Honor Society

### Lambda Epsilon Sigma

Stonehill's campuswide honor society

### Phi Lambda Upsilon

The National Chemistry Honor Society

## CAREER OUTCOMES

Students accepted into this program benefit from Stonehill's liberal arts foundation and from the vast resources the University of Notre Dame provides.

Eliseo Miranda '13, who completed a physics research experience at Stonehill and an internship at Chrysler through Notre Dame, recently accepted a position at Chrysler. Others have found similar success at Digital Results Group, EMC, MIT Lincoln Labs and Samsung.

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STONEHILL COLLEGE

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## ENGINEERING

### 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.



“The best thing about being an Engineering major at Stonehill is that even though I’m being exposed to all the Physics and Engineering classes, I’m also taking classes such as Economics, Philosophy, Religion, even Studio Guitar.”

– Eliseo Miranda '13

who earned a Physics degree in his three years here and is now spending two years at the University of Notre Dame, pursuing a degree in Aerospace Engineering

### 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