LOYOLA UNIVERSITY CHICAGO

STEM AT LOYOLA
Between Loyola University Chicago’s 40+ STEM majors, legacy in environmental innovation, and unrivaled undergraduate research opportunities, there’s no better place to explore science, technology, engineering, and math.

FACILITIES
GET YOUR HANDS DIRTY
At Loyola, you’ll be immersed in hands-on learning and experimentation in our extensive STEM facilities.

- State-of-the-art laboratories, including:
  - Rooftop Agricultural Greenhouse
  - Clinical Simulation Learning Lab
  - Artificial Stream and Pond Research Facility
  - Biodiesel Lab
  - Aquaponics Facility
  - 3-D Printing Lab
  - Biomedical Engineering Lab
  - Forensic Science Lab

- Through our Institute of Environmental Sustainability, Loyola is a leader in environmental sciences.

- **Top 20 Most Green Campuses** According to The Sierra Club.
- LEED-certified Residence Hall with GreenHouse Residential Learning Community.
- Our biodiesel program, created by students in 2007, was the **first of its kind** license to sell reclaimed fuel in the U.S.
- On Loyola’s **Health Sciences Campus** in suburban Maywood, Illinois, STEM students benefit from the University’s connection to the Loyola University Health System.
- The Loyola University Retreat and Ecology Campus (LUREC), a “wilderness classroom” in Woodstock, Illinois, provides field education and research opportunities.

RESEARCH
FIND THE CUTTING EDGE
On our campus, research is not just for graduate students.

- **First-Year Research Experience (FYRE)** is a living/learning community designed exclusively for STEM students. LUC.edu/fyre
- Loyola Undergraduate Research Opportunities Program (LUROP) funds **250+ undergraduate research fellowships** each year. LUC.edu/lurop
- Our annual Loyola Weekend of Excellence showcases student research with a symposium and awards.

INTERNSHIPS
OPPORTUNITIES AS VAST AS CHICAGO
Take advantage of all that Chicago has to offer. Over 525 employers hired Loyola students for academic internships last year. Recent STEM students have completed internships at . . .

- Field Museum of Natural History
- Army Core of Engineers
- Shedd Aquarium
- Alliance for the Great Lakes
- United State Geological Survey
- Illinois Department of Natural Resources
- The Nature Conservancy
- United States Fish and Wildlife Service
- Mercy Hospital
- Lurie Children’s Hospital
- Knowles Corporation
- Underwriters Laboratories
- Textura
- Hewlett Packard
- Lockheed Martin
- Argonne National Laboratories
- CERN
- Fermilab

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86 Faculty Mentors for Undergraduate Research
93% Faculty Hold the Highest Academic Degree in Their Field
26 Average Class Size

Flip over to see our 40+ STEM majors
LOYOLA UNIVERSITY CHICAGO
STEM AT LOYOLA

ACADEMIC PROGRAMS

FIND YOUR NICHE

Loyola offers academic programs across a spectrum of STEM fields. With our 4+1 dual-degree programs, complete your undergraduate and graduate degrees in just five years.

### UNDERGRADUATE PROGRAMS

#### SCIENCE
- Biochemistry: BS
- Bioinformatics: BS
- Biology: BS
  - Ecology
  - Molecular Biology
- Biophysics: BS
- Chemistry: BA, BS
- Environmental Policy: BA
- Environmental Science: BS
- Environmental Studies: BA
- Exercise Science: BS
- Forensic Science: BS
- Neuroscience: BS
  - Cognitive/Behavioral
  - Molecular/Cellular
- Nursing: BS
- Physics: BS
- Psychology: BS

#### TECHNOLOGY
- Bioinformatics: BS/MS
- Cybersecurity: BS
- Computer Science: BS
- Information Technology: BS

#### ENGINEERING
- Engineering Science: BS
  - Biomedical Engineering
  - Computer Engineering
  - Environmental Engineering
- Physics/Engineering: BS
- Software Engineering: BS

#### MATH
- Actuarial Science Minor: BS
- Mathematics: BS
- Mathematics and Computer Science: BS
- Mathematics Education: BS
- Statistics: BS
- Theoretical Physics and Applied Mathematics: BS

#### PHYSICIAN ASSISTANT
- Biochemistry: BS/MS
- Biology/Bioinformatics: BS/MS
- Biology/Business: BS/MBA
- Biology/Secondary Education: BS/MEd
- Chemistry: BS/MS
- Chemistry/Secondary Education: BA/MEd
- Environmental Science: BS/MBA
- Environmental Policy: BA/MPP
- Public Policy: BA/MPP
- Environmental Studies: BS/MPP
- Public Policy: BS/MPP
- Environmental Science: BS/MPPH
- Public Health and Policy: BS/MEd
- Physics: BS

### NOTES
1. Open to all bioinformatics and computer science majors
2. Open to all mathematics and statistics majors

### 4+1 BACHELOR’S + MASTER’S PROGRAMS

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### ACADEMIC PROGRAMS

#### 14:1
- Student-to-faculty ratio

#### 98%
- Of graduates were either employed or pursuing graduate education 3 months after graduation

#### 250+
- Clubs and organizations

### CONTACT US:
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### WEB LINKS
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### PRE-PROFESSIONAL PROGRAMS
- Medicine
- Occupational Therapy
- Optometry
- Pharmacy
- Physical Therapy
- Physicians Assistant
- Podiatry
- Veterinarian

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Preparing people to lead extraordinary lives