



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.

Flip over
to see our
40+
STEM majors

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.

PLAN YOUR VISIT
LUC.edu/visit

APPLY ONLINE
LUC.edu/apply

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.

86 FACULTY MENTORS FOR UNDERGRADUATE RESEARCH

93% FACULTY HOLD THE HIGHEST ACADEMIC DEGREE IN THEIR FIELD

26 AVERAGE CLASS SIZE

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



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.

43

UNDERGRADUATE STEM PROGRAMS

17

4+1 STEM BACHELOR'S + MASTER'S 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

PRE-PROFESSIONAL PROGRAMS

Medicine
Occupational Therapy
Optometry
Pharmacy
Physical Therapy
Physical Therapy
Physicians Assistant
Podiatry
Veterinarian

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	
Mathematics	BS
Mathematics and Computer Science	BS
Mathematics Education	BS
Statistics	BS
Theoretical Physics and Applied Mathematics	BS

4+1 BACHELOR'S + MASTER'S PROGRAMS

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 Environmental Studies	BA/MPP
Public Policy Environmental Science	BS/MPP
Public Policy Environmental Science	BS/MPPH
Public Health and Physics	BS/MED

Computer Science ¹	BS/MS
Information Technology ¹	BS/MS

Software Engineering ¹	BS/MS
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Applied Statistics ²	BS/MS
Mathematics ¹	BS/MS

NOTES

¹ Open to all bioinformatics and computer science majors

² Open to all mathematics and statistics majors

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