



STEM AT LOYOLA

Between our 35 STEM majors, legacy in environmental innovation, and unrivaled undergraduate research opportunities, there's no better place for you to explore science, technology, engineering, and math.



Flip over
to see our
35+
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
 - Engineering Science Flex Lab
 - Exercise Science Human Performance Lab
 - Forensic Science Lab
- Through our Institute of Environmental Sustainability, Loyola is a leader in environmental sciences.
- 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. More than **846 organizations** hosted students for academic internships, service learning, and research experiences 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.

35+

UNDERGRADUATE STEM PROGRAMS

23

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 • Physician Assistant • Podiatry • Veterinarian

NOTES

¹ Only as a second degree with Secondary Education (BSEd)

² Open to all bioinformatics and computer science majors

³ Open to all mathematics and statistics majors

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
• Conservation and Restoration Ecology	
• Environmental Health	
• Food Systems and Sustainable Agriculture	
Exercise Science	BS
Forensic Science	BS
Health Care Administration	BS
Neuroscience	BS
• Cognitive/Behavioral	
• Molecular/Cellular	
Nursing	BS
Physics	BS
Public Health	BS
Psychology	BS
Theoretical Physics and Applied Mathematics	BS

TECHNOLOGY

Bioinformatics	BS/MS
Computer Science	BS
Cybersecurity	BS
Information Technology	BS
Physics/Computer Science	BS

ENGINEERING

Engineering Science	BS
• Biomedical Engineering	
• Computer Engineering	
• Environmental Engineering	
Physics/Engineering	BS
Software Engineering	BS

MATH

Actuarial Science Minor	
Applied Mathematics	BS
Data Science	BS
Mathematics	BS
Mathematics/Computer Science	BS
Mathematics—Education Track ¹	BS
Statistics	BS
Theoretical Physics and Applied Mathematics	BS

4+1 BACHELOR'S + MASTER'S PROGRAMS

Biochemistry	BS/MS
Bioinformatics	BS/MS
Biology/Bioinformatics	BS/MS
Biology/Business	BS/MBA
Biology/ Secondary Education	BS/MEd
Chemistry/ Secondary Education	BA/MEd
Chemistry	BS/MS
Environmental Policy/Public Policy	BA/MPP
Environmental Science/Business	BS/MBA
Environmental Science/Environmental Science and Sustainability	BS/ENSS-MS
Environmental Science/Public Health	BS/MPH
Environmental Science/Public Policy	BS/MPP
Environmental Studies/Business	BA/MBA
Environmental Studies/Public Policy	BA/MPP
Environmental Studies/Environmental Science and Sustainability	BA/ENSS-MS
Environmental Studies/Public Policy	BA/MPP
Exercise Science	BS/MS
Health Care Administration/ Public Health	BS/MPH
Physics/Secondary Education	BS/MEd

Computer Science ²	BS/MS
Information Technology ²	BS/MS

Software Engineering ²	BS/MS
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Applied Statistics ³	BS/MS
Mathematics ²	BS/MS

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