



**OUR MISSION**

We are Chicago's Jesuit, Catholic University—  
a diverse community seeking God in all things and working to expand knowledge  
in the service of humanity through learning, justice, and faith.

**UNDERGRADUATE ADMISSION OFFICE**

Lake Shore Campus • 1032 W. Sheridan Road • Chicago, IL 60660  
800.262.2373 • LUC.edu/undergrad

**COLLEGE OF ARTS AND SCIENCES**

LAKE SHORE CAMPUS  
1032 W. Sheridan Road • Sullivan Center 235 • Chicago, IL 60660

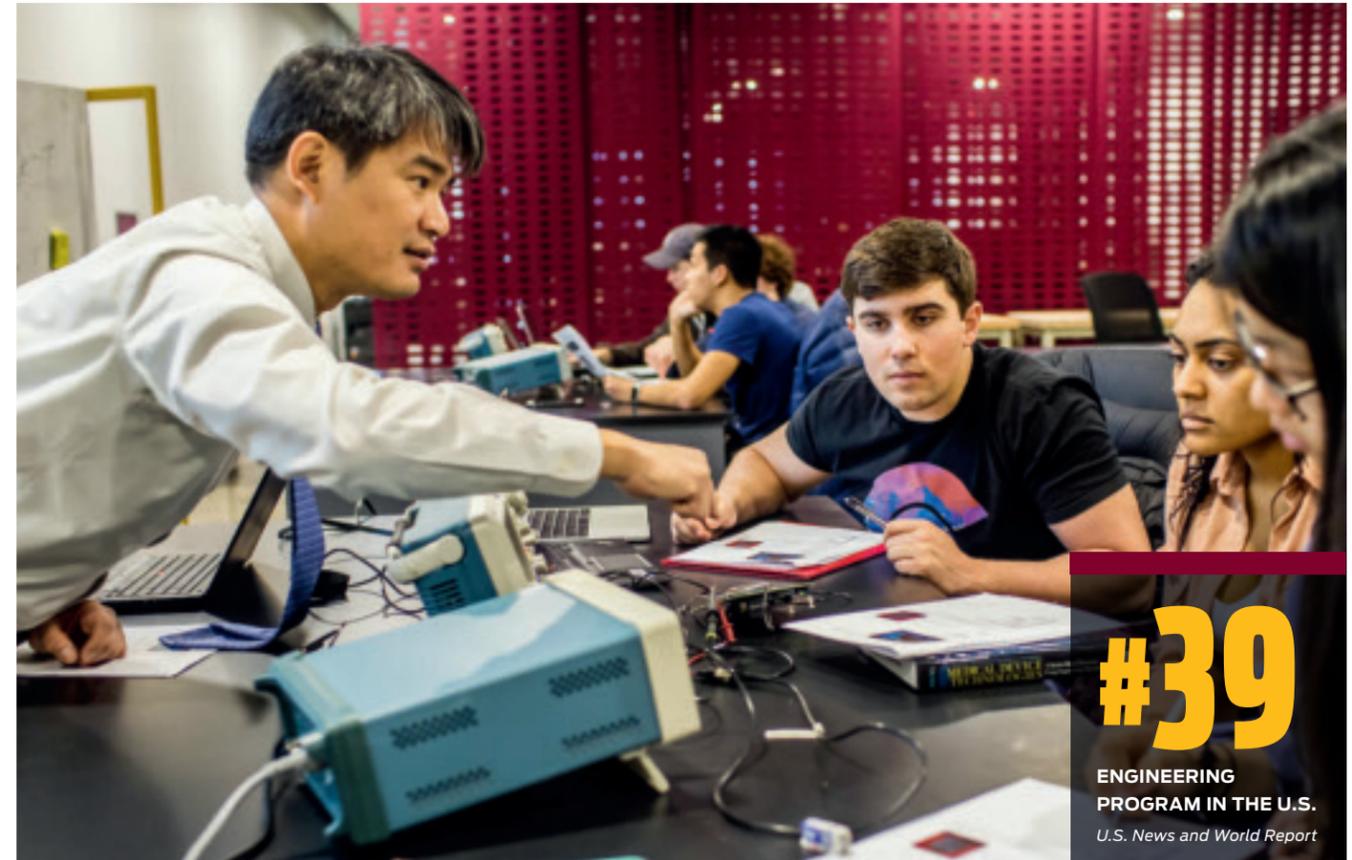
WATER TOWER CAMPUS  
820 N. Michigan Avenue • Lewis Towers 930 • Chicago, IL 60611  
773.508.3500 • casloyola@LUC.edu • LUC.edu/cas

*Loyola University Chicago admits students without regard to their race, color, sex, age, national or ethnic origin, religion, sexual orientation, ancestry, military discharge or status, marital status, parental status, or any other protected status. Otherwise qualified persons are not subject to discrimination on the basis of disability.*

*Loyola is an equal opportunity educator and employer.  
Information in this brochure is correct as of December 2021.*



*Preparing people to lead extraordinary lives*



# COLLEGE OF ARTS AND SCIENCES ENGINEERING

**SPECIALIZATIONS** (BS)

As a student in the Engineering program, you will choose from one of three specializations. Each builds on earlier system theory, core engineering, and design courses, and is crafted to solve a social justice problem.

**BIOMEDICAL ENGINEERING**

Biomedical Engineers blend traditional engineering techniques with biological sciences and medicine to improve the quality of human health and life.

**COMPUTER ENGINEERING**

Computer Engineers conceive and develop the next wave of computing advances, innovations, and devices.

**ENVIRONMENTAL ENGINEERING**

Environmental Engineers apply engineering principles to design systems that maintain and improve the quality of our world's resources.

# ENGINEERING



# 84%

OF THE 2021 GRADUATING CLASS HAVE OBTAINED EMPLOYMENT OR GRADUATE SCHOOL ADMISSION WITHIN 3 MONTHS

# TOP 10

INSTITUTION FOR ENGINEERING BACHELOR'S DEGREES AWARDED TO WOMEN (ASEE, 2020)

### DIRECTOR'S NOTE

**Gail Baura, PhD**

DIRECTOR, ENGINEERING



Shaped the wide experience of myself and other faculty, the program's curriculum will help you gain current theoretical, practical, and hands-on knowledge that will prepare you to

immediately make an impact as you begin your career, including:

- Practical experience (how devices are made/work)
- Great communication skills
- Overall systems perspective
- Knowledge of engineering codes and standards

## Solving problems

**E**ngineers use their multidisciplinary knowledge and skills to craft practical solutions to some of humanity's most pressing issues. Our program cultivates diversity, inclusiveness, and persistence through an emphasis on social justice and student engagement. Through small class sizes and a project-based curriculum, you will be part of a close-knit community of future engineers.



*Ours is the first program in the U.S. to fully integrate engineering and social justice into its curriculum.*

# 24

MAXIMUM CLASS SIZE

### HANDS-ON APPROACH

#### A different kind of classroom

In Loyola's Engineering program, there are never more than 24 students in a class. This opens the door for a minimal lecture curriculum, where you learn by doing and have frequent interaction with faculty. You'll grow through open-ended freshman and capstone design projects, service learning, and an individual project where you'll build a functional cardiograph over four semesters.

### What do students say?

[LUC.edu/engsci-video](https://luc.edu/engsci-video)

[LUC.edu/engineering-success](https://luc.edu/engineering-success)

### LEARN MORE

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