

COLLEGE OF ENGINEERING

University of Louisiana at Lafayette

HOME OF THE RAGIN' CAJUNS

ABOUT US

The College of Engineering educates future engineers to solve tomorrow's challenges, offering flexible degree paths with concentrations and specialty minors for unlimited career possibilities. With an unshakable focus on the future, we continually update academic programs to advance student skills. Beyond robust academics, the College emphasizes student success and an enriched college experience through the Engineering Center of Excellence (ECoE), where education meets innovation, fostering leadership, entrepreneurship, and innovation.

*The
only*

bachelor's degree in chemical engineering with a bioengineering concentration in Louisiana.

bachelor's degree in engineering & technology management in Louisiana.

bachelor's degree in petroleum engineering with a smart oilfield concentration in the U.S.

AMONG THE TOP 30% IN THE NATION

Public Institutions for Enrolling and Graduating Women

OUR ASPIRING ENGINEERS ARE LEADERS ON EARTH AND IN SPACE

1st Place

International RoboBoat
Competition -
Technical Design
Ragin' Cajuns RoboBoat Team

ChemE-Sports
Competition AIChE
Chemical Engineering

**Grand
CHAMPIONS**

2023 Fluid Power Vehicle Challenge

Mechanical engineering students designed a fluid-powered vehicle that's so innovative it holds the title as nation's best.

TOP 10

Formula SAE Competition
Most Economical Car
Ragin' Cajuns Racing Team

**1^{OF} Few
in the nation**

CAPE Satellite Team
launched its third satellite in
collaboration with NASA.

2nd PLACE

SPE Petrobowl Competition
Petroleum Engineering



COLLEGE OF ENGINEERING MAJORS



CHEMICAL ENGINEERING

Bioengineering, Energy, Biofuels, Materials, Bioprocessing, Biomedical, Chemical Production and Environmental

chemical.louisiana.edu

Concentration offered:
Bioengineering



ENGINEERING TECHNOLOGY

Oilfield, Power Systems, Construction, Project Management, Robotics, Automation and Controls, Safety, Manufacturing, Chemical Production and Computer Aided Drafting

engineeringtech.louisiana.edu

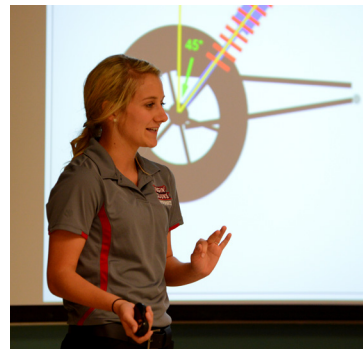


CIVIL ENGINEERING

Coastal, Environmental, Water Management, Transportation, Structures, Construction and Geospatial

civil.louisiana.edu

Concentration offered:
Water Resources &
Environmental Engineering



MECHANICAL ENGINEERING

Energy, Manufacturing, Solar Energy, Device Development, Advanced Materials and Biomedical

mechanical.louisiana.edu

Concentrations offered:
Autonomous & Robotic Systems,
Sustainable Energy Systems

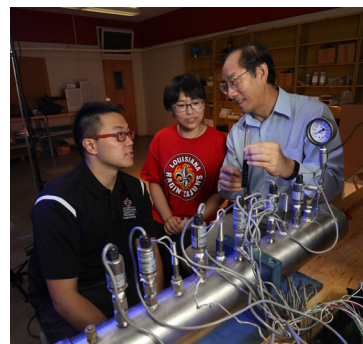


ELECTRICAL & COMPUTER ENGINEERING

Sensors, Power, Alternative Energy, Computers, Telecommunications, Computer Engineering, Controls and Robotics

electrical.louisiana.edu

Concentrations offered:
Computer Engineering, Power
and Sustainable Energy, Secure
Smart Systems



PETROLEUM ENGINEERING

Exploration, Well Development, Environmental, Simulation Controls and Enhanced Recovery

petroleum.louisiana.edu

Concentration offered:
Smart Oilfield





UNIVERSITY of
LOUISIANA
L A F A Y E T T E

Engineering

SPECIALTY MINORS

Specialty minors enhance students' knowledge base, which will improve their ability to perform in specialized fields upon graduation and will improve marketability when searching for a job.

Biomedical Engineering

Bioprocess Engineering

Bioprocess Technology

Materials Engineering

Manufacturing

Technology Commercialization

Coastal Engineering

Environmental Engineering

Pre-MBA

Renewable Energy

GRADUATE PROGRAMS

Ph.D. in each engineering department
(Systems emphasis)

M.S. in each engineering department and
engineering management
(M.S. in Engineering)

M.S. in Systems Technology
(Face-to-face and fully online options)



STUDENT ENHANCEMENT PROGRAMS

The college offers student enhancement programs that help students excel in areas outside of the usual engineering curriculum.

Undergraduate Research Apprenticeship Program (URAP)

Outstanding students work as undergraduate research assistants as part of scholarship packages. Each student is assigned a mentor and is trained to assist in ongoing research in the College of Engineering.

Designing Leaders

The Designing Leaders Program is an eight-session lecture series held every spring semester for a select group of students. Its purpose is to provide participants opportunities to learn skills from some of the community's most influential and successful leaders.

Engineering Ambassadors

This program is designed to develop students through volunteer outreach and service activities. These students represent their departments, the College of Engineering, and the University when volunteering for academic and recruiting events.

Career Development Workshop Series

This program offers a variety of career development opportunities throughout the year to assist students in career exploration, planning and preparation. It is part of a broader plan to increase student success and career readiness through peer mentoring, tutoring, supplemental instruction and other offerings.

ENGINEERING LIVING LEARNING COMMUNITY

The Engineering Living Learning Community is a residential community for freshmen with a special emphasis on engineering. Participants have the opportunity to learn about their new home, meet friends who are also

engineering majors, and enjoy special events designed specifically for their LLC. Here, students can explore career options, learn about available resources, and find inspiration for becoming an engineer.

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