

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.

bachelor's degree in engineering & technology management with a manufacturing management concentration in Louisiana.

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

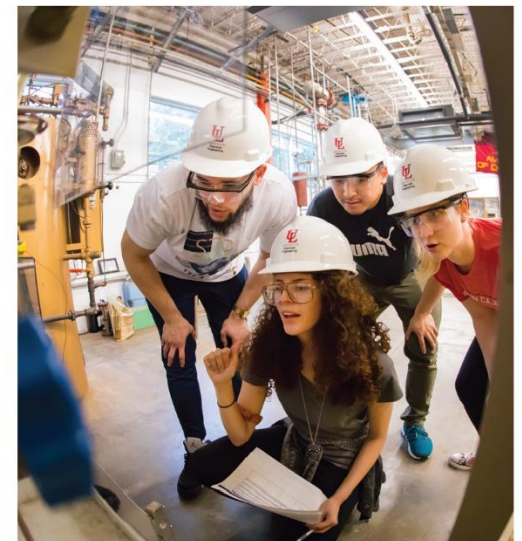
Formula SAE Competition
Most Economical Car
Ragin' Cajuns Racing Team

**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

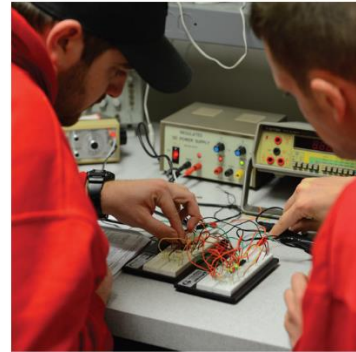


CHEMICAL ENGINEERING

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

chemical.louisiana.edu

Concentration offered:
Bioengineering



ENGINEERING & TECHNOLOGY MANAGEMENT

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

engineeringtech.louisiana.edu

Concentrations offered:
Construction Management,
Manufacturing Management

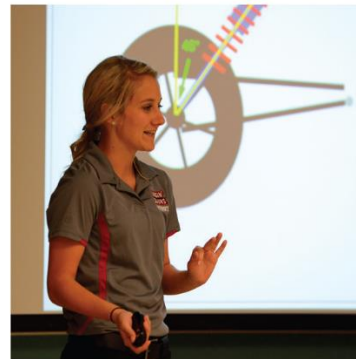


CIVIL ENGINEERING

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

civil.louisiana.edu

Concentrations offered:
Structural Engineering & Coastal
Hazards, 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

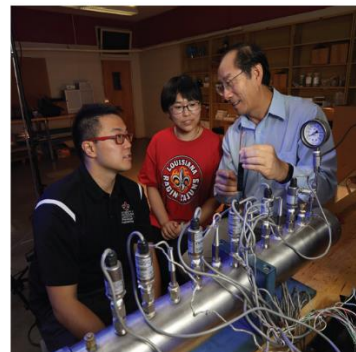


ELECTRICAL & COMPUTER ENGINEERING

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





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

Renewable Energy

Pre-MBA

ABM PROGRAM (4 + 1)

The Accelerated Bachelor's/Master's Program (ABM) is available across all majors, allowing qualified students to earn both degrees more quickly and cost-effectively, with up to nine graduate credit hours counting toward both undergraduate and graduate requirements.

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 a 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.

ENGINEERING.LOUISIANA.EDU



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

Engineering



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LEARN MORE

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ASK A QUESTION

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