Innovative Laboratories, Centers, and Undergraduate Research Opportunities

- Laser Labs
- Engineering Manufacturing Education Center
- Engineering Research Center
- Idea 2 Product 3D Lab
- Clinical Immersion Program
- Powerhouse Energy Campus

Share of CSU patents generated annually: 30%

$87 Million Annual research expenditures

www.engr.colostate.edu
Innovation Starts Here

At the Walter Scott, Jr. College of Engineering, prepare to engage in and solve big challenges to shape a better world through hands-on education, research, and service to the community.

Students have cutting-edge research opportunities across engineering disciplines as early as the first year of their college experience!

Support for Engineering Students
- Tutoring
- Personalized academic advising
- Career advising and career fairs
- Connections to student organizations
- Diversity, Equity, and Inclusion programs
- ENcourage Engineering Math Program to help students be calculus ready

Engineering Residential Learning Community
- Engineering support staff in residence
- On-site tutoring for engineering courses
- Fun programs and events focused on resources in engineering
- Shared courses and passions among hall mates
- Engineering-specific computer and design labs, on-site IT help desk

Admissions Requirements
3.0 GPA
4 years of college prep math equivalent to algebra, geometry, algebra 2 AND an additional year at or above the level of algebra 2
1 year of chemistry or physics completed or in progress

Standardized testing not required

World class laboratories and facilities
Senior design projects tied to research and industry partnerships
Access to 3D printing labs
40+ engineering student organizations
Internship and Co-op opportunities
Annual Engineering Career Fair with industry employers
Education Abroad opportunities

$2 Million+
Annual undergraduate scholarships

Small class size and high teacher-to-student ratio

2,408
Avg. number of enrolled undergraduate students
145
Faculty members

92%
of graduates go on to a job in their field

Civil
Learn to use state-of-the-art methods to design, construct, and maintain resilient and sustainable infrastructure, from highways and buildings to water systems and disaster prevention.

Civil and Environmental
Chemical and Biological
Through our multidisciplinary approach, students learn to create products and solutions to tackle problems in human and animal health.

Biomedical*
Gain the foundation to create cutting-edge materials and products, design devices and processes to improve health and the environment. Design innovations in sustainability, health, climate change, and ensuring a safe and clean environment.

Chemical and Biological

Computer
Gain knowledge to improve, advance, and protect intelligent computing systems and drive innovation in virtually any field, from healthcare to agriculture to space exploration.

Electrical
Gain knowledge to turn the unseen into technological innovations that shape a better world, from smart devices that fit in the palm of your hand to colossal systems beyond imagination.

Environmental
Learn to apply cutting-edge technologies to identify and design solutions for today’s most pressing environmental problems.

Mechanical
Learn to design, develop, and manufacture environmental, transportation, health, fabrication, and energy systems essential to people and their communities.

Engineering Open Option
Engineering Open Option provides incoming, first-year students the unique opportunity to use their first semester to explore different majors and make an informed decision.

* Five-year dual-degree program, students choose one of four majors in addition to the biomedical program: mechanical, electrical, computer or chemical and biological.

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- Emma Barrett
CSU chemical and biological engineering student

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