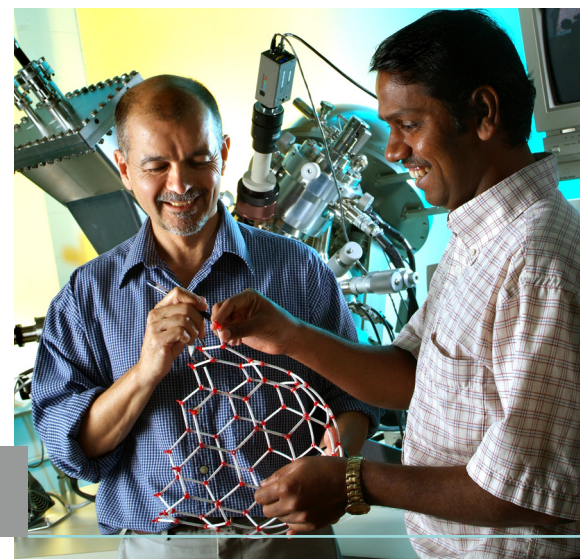
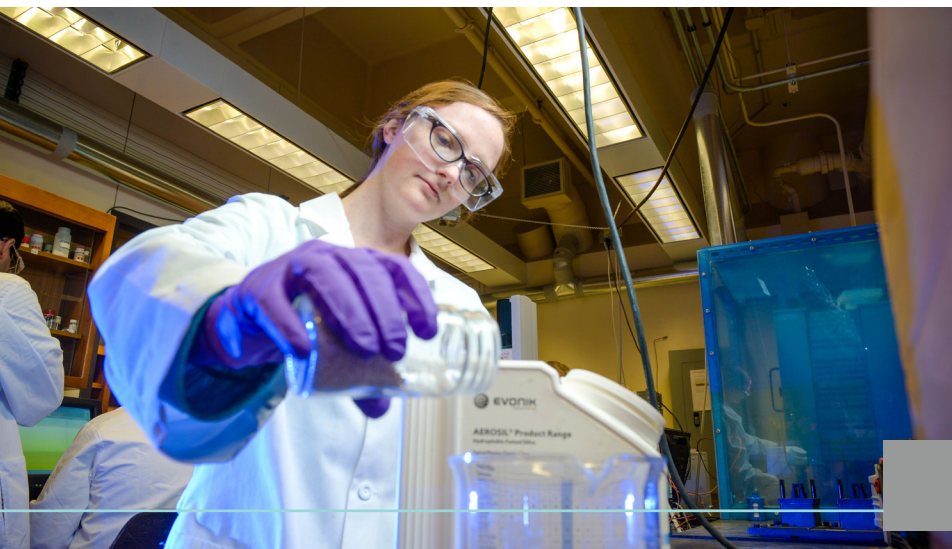


The UNIVERSITY of OKLAHOMA
GALLOGLY
COLLEGE OF ENGINEERING



UNDERGRADUATE STUDIES
AT THE GALLOGLY COLLEGE OF ENGINEERING

DECADES OF HISTORY



1893

FIRST ENGINEERING CLASSES TAUGHT AT OU. THE COLLEGE IS FOUNDED IN 1909.



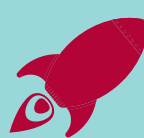
1913

OU ENGINEERS' CLUB HOSTS ITS FIRST E-WEEK, A TRADITION THAT'S STILL GOING STRONG.



1925

FELGAR HALL BECOMES OKLAHOMA'S FIRST ENGINEERING EDUCATION BUILDING.

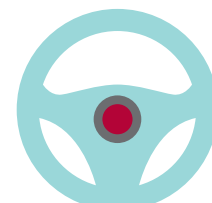


2015

THE COLLEGE OF ENGINEERING BEGINS A NEW ERA AS THE GALLOGLY COLLEGE OF ENGINEERING.

1981

THE YEAR OUR AWARD-WINNING DIVERSITY AND INCLUSION PROGRAM BEGAN.



12

STUDENT COMPETITION TEAMS

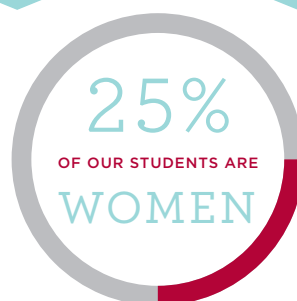


50+

STUDENT ORGANIZATIONS AND TECHNICAL SOCIETIES



TAKE **ENGINEERING** CLASSES ABROAD!



THE **WOMEN IN ENGINEERING PROGRAM** IS HERE TO SUPPORT AND ENGAGE STUDENTS.



7 SCHOOLS
2 PROGRAMS

37 UNDERGRADUATE DEGREES

3,630 UNDERGRADUATE STUDENTS

641 GRADUATE STUDENTS



LAST YEAR WE AWARDED

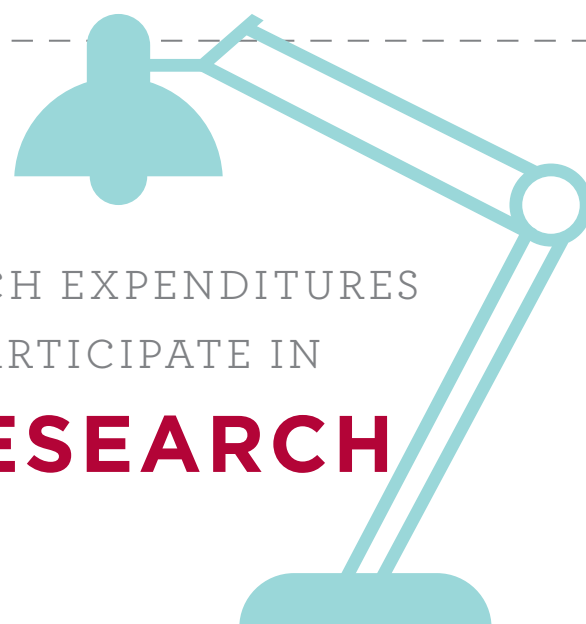
\$1,820,000

IN STUDENT SCHOLARSHIPS*

\$21 MILLION IN

IN AVERAGE ANNUAL FACULTY RESEARCH EXPENDITURES
MEAN YOU HAVE OPPORTUNITIES TO PARTICIPATE IN

UNDERGRADUATE RESEARCH



*ACADEMIC YEAR 2018

* \$1.8 MILLION IN COLLEGE SCHOLARSHIPS DOES NOT INCLUDE SCHOLARSHIPS FROM GALLOGLY COLLEGE SCHOOLS OR PROGRAMS, OR SCHOLARSHIPS FROM THE UNIVERSITY



AEROSPACE ENGINEERING

School of Aerospace and Mechanical Engineering

ABOUT

Aerospace engineers design and build the planes that make international travel possible and the spacecraft that allow astronauts to explore the universe. Led by our award-winning faculty with a philosophy of experiential learning, students gain understanding of aerodynamics, aerospace structures, propulsion systems and flight controls. In their final semester, students work in small groups to solve real-world design challenges.

ACADEMICS

Dating back to 1929, today's OU Aerospace Engineering program is the first in the nation with an emphasis on multidisciplinary intelligent aerospace systems. This forward-thinking concept provides students with the advanced-technology background necessary to succeed.

The 128-credit hour, standard four-year plan equips students to become lifelong learners. It utilizes and builds upon engineering and scientific principles engineers need as they progress in their careers.

Graduates are well-rounded in aerodynamics, aerospace structures, propulsion systems and flight controls. This expertise is put to the test in a senior-year, two-semester capstone design course where student teams consult with a company and government labs to solve a real-world problem.

(405) 325-5011 | ame@ou.edu | www.ame.ou.edu



DEGREE OPTIONS

UNDERGRADUATE:

B.S. in Aerospace Engineering

ACCELERATED:

B.S. in Aerospace Engineering/
M.S. in Aerospace Engineering

GRADUATE:

Master of Science
Doctor of Philosophy

BEYOND YOUR DEGREE

Our graduates are highly sought-after in both the private and public sectors. Our alumni hold positions at a variety of levels in major corporations, small businesses, start-up software companies, government agencies and universities.

AME ENROLLMENT

797 UNDERGRADUATE | 76 GRADUATE



MECHANICAL ENGINEERING

School of Aerospace and Mechanical Engineering

ABOUT

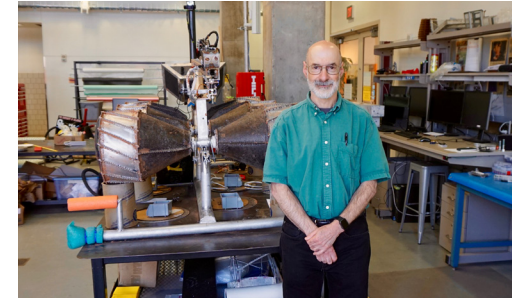
Mechanical engineers design tools and machines that have widespread applications in almost every engineered product. They are essential to manufacturing, oil and gas, aerospace, defense, civil infrastructure, health care and consumer products industries. The OU Mechanical Engineering program provides students with the opportunity to acquire a broad range of knowledge, making them strong competitors in today's job market.

ACADEMICS

The Mechanical Engineering undergraduate program allows students to complete the degree program after successfully completing 123 credit hours in a standard four-year plan. The program also ensures that students are equipped to become lifelong learners, utilizing and building upon engineering and scientific principles as they progress in their careers.

Instruction includes statics, dynamics, vibration and strength of solids, fluid statics and dynamics, thermal sciences, and a capstone design course (Senior Design Practicum Program), which synthesizes analysis skills. Students develop computer skills for engineering analysis and computation, for the acquisition and analysis of experimental data, for visualization and modeling in design, and for the communication of results.

(405) 325-5011 | ame@ou.edu | www.ame.ou.edu



DEGREE OPTIONS

UNDERGRADUATE:

B.S. in Mechanical Engineering
B.S. in Mechanical Engineering:
Pre-med option

ACCELERATED:

B.S. in Mechanical Engineering/
M.S. in Mechanical Engineering

GRADUATE:

Master of Science
Doctor of Philosophy

BEYOND YOUR DEGREE

Graduates have many career opportunities working with government agencies, manufacturing, automotive and oil and gas industries, small businesses, and start-up companies. Graduates who pursue advanced degrees also can work in academia.



BIOMEDICAL ENGINEERING

Stephenson School of Biomedical Engineering

ABOUT

Biomedical Engineering professors and students work collaboratively with physicians and scientists at the OU Health Sciences Center on important problems that can save lives and improve the quality of life for the citizens of Oklahoma and the nation. Among other things, they are advancing X-ray and MRI imaging, designing implants for the middle ear to help the hearing impaired, investigating the conditions favorable for cell differentiation and proliferation in three-dimensional tissue engineering constructs, and producing agents to treat cancer, heart attack and stroke.

ACADEMICS

Our bachelor's degree graduates have a strong foundation in biomedical engineering, with opportunities for focus within areas of the field. In addition to engineering principles, the program is built on a solid foundation of the basic sciences (chemistry, physics and biology) and mathematics. Area core courses build on previous engineering and life science courses to integrate engineering with biology and medicine. Pathways to advanced biomedical engineering courses and research allow students the flexibility to individualize their curriculum.

In the third year, students take courses in the areas of biomedical instrumentation, numerical methods and public speaking. A significant feature of the fourth year is a two-semester team design project and capstone experience.

(405) 325-3947 | sbme@ou.edu | www.ou.edu/coe/sbme



CHEMICAL ENGINEERING

*School of Chemical, Biological and
Materials Engineering*

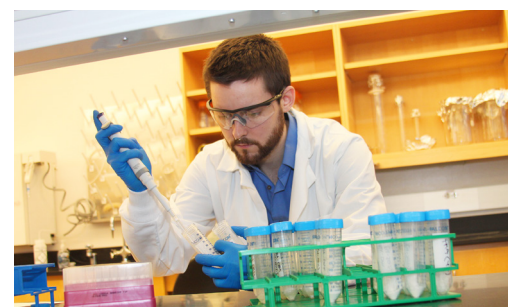
ABOUT

Chemical engineers study how to convert low-value raw materials into high-value products by making highly specific chemical changes. Chemical engineers must have a good knowledge of the chemical nature of materials, and they must be able to predict how chemical changes to the molecular structure of a material will alter the ultimate physical properties of a material. Chemical engineers make excellent technical managers because of the wide variety of technical concepts incorporated into the undergraduate education. Chemical engineers are among the best equipped to attack and solve problems such as energy supplies, food and water supplies, environmental contamination, global warming and health-related issues. The University of Oklahoma is among the best institutions in the nation to prepare you for a career in chemical engineering.

ACADEMICS

Our degree options allow students the opportunity to tailor their undergraduate education to their particular interests within chemical engineering. Our faculty research and education programs include exciting new areas such as tissue engineering, carbon nanotube synthesis and applications, peptide and protein engineering, nanostructured materials and devices, biofuels, and cell adhesion. These new fields build on and complement traditional strengths in energy, catalysis, thermodynamics, colloidal science, polymers and more.

(405) 325-5811 | cbme@ou.edu | www.cbme.ou.edu



DEGREE OPTIONS

UNDERGRADUATE:

B.S. in Biomedical Engineering

GRADUATE:

Master of Science

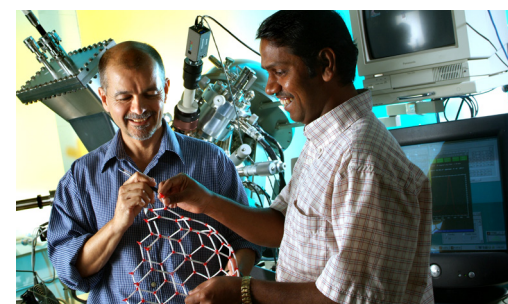
Doctor of Philosophy

BEYOND YOUR DEGREE

Our skilled and knowledgeable graduates work for industry, academic, startups or government agencies. Others continue on to medical school, where they either practice medicine or conduct research.

SBME ENROLLMENT

244 UNDERGRADUATE | 23 GRADUATE



DEGREE OPTIONS

UNDERGRADUATE:

B.S. in Chemical Engineering

B.S. in Chemical Engineering:

Pre-med/Biomedical Engineering

B.S. in Chemical Engineering:

Biotechnology Option

ACCELERATED:

B.S. in Chemical Engineering/

M.S. in Chemical Engineering

B.S. in Chemical Engineering:

Biotechnology Option/M.S. in
Biomedical Engineering

B.S. in Chemical Engineering:

Premedical/Biomedical Engineering
Option/M.S. in Bioengineering

GRADUATE:

Master of Science

Doctor of Philosophy

CBME ENROLLMENT

430 UNDERGRADUATE | 39 GRADUATE



ARCHITECTURAL ENGINEERING

*School of Civil Engineering and
Environmental Science*

ABOUT

Architectural engineers design buildings and other structures, but the design of a building involves far more than just its external appearance. Buildings must be structurally sound; have adequate mechanical, plumbing and lighting systems; and must be economical to construct. Architectural engineers consider all these factors when they design buildings and other structures.

ACADEMICS

In this collaborative degree program, students take architectural planning and methods courses from the OU College of Architecture, structural engineering courses from CEES, and building systems courses from the OU School of Aerospace and Mechanical Engineering.

A two-semester capstone sequence requires student teams to draw upon past undergraduate coursework and develop comprehensive solutions to an open-ended problem. The first course in the capstone sequence forms students into teams, introduces the capstone project and requires preliminary work so students can hit the ground running in the spring semester. The second course focuses on a real-world architectural engineering problem. Capstone team work is evaluated by practicing engineers. Among the notable capstone design challenges was the design of a Radar Innovations Laboratory for the OU Research Campus.

CEES requires that all architectural engineering students take the Fundamentals of Engineering examination prior to graduation.

(405) 325-5911 | cees@ou.edu | www.cees.ou.edu



DEGREE OPTIONS

UNDERGRADUATE:

B.S. in Architectural Engineering

ACCELERATED:

B.S. in Architectural Engineering/
M.S. in Civil Engineering

BEYOND YOUR DEGREE

ArchE graduates have many career options, including working with architectural, civil or structural engineering consulting firms that design building structures and mechanical systems. Other graduates find employment with construction firms as field construction engineers, project managers or cost estimators.

CEES ENROLLMENT

412 UNDERGRADUATE | 100 GRADUATE



CIVIL ENGINEERING

*School of Civil Engineering and
Environmental Science*

ABOUT

Civil engineering is the oldest of the modern engineering disciplines, with historical roots dating back to the 1700s. Civil engineers are responsible for designing, building, planning, managing and operating society's infrastructure, such as buildings, highways, bridges, mass-transit systems, dams and locks, and municipal water and sewage treatment systems.

ACADEMICS

Civil engineering is composed of four areas of emphasis: environmental, geotechnical, structural and transportation engineering. Students must complete a sequence of core engineering courses plus one or two courses in each of these areas. Students then choose three upper-division professional electives in their preferred area of emphasis.

A two-semester capstone sequence requires student teams to draw upon past undergraduate coursework and develop comprehensive solutions to open-ended problems. In the first course, teams are introduced to the project and complete preliminary work. The second course focuses on a real-world design problem, and is evaluated by practicing engineers.

CEES requires that all civil engineering students take the Fundamentals of Engineering examination prior to graduation.

(405) 325-5911 | cees@ou.edu | www.cees.ou.edu



DEGREE OPTIONS

UNDERGRADUATE:

B.S. in Civil Engineering

ACCELERATED:

B.S. in Civil Engineering/
M.S. in Civil Engineering

GRADUATE:

Master of Science
Doctor of Philosophy

BEYOND YOUR DEGREE

Spurred by general population growth and an expanding economy, more civil engineers will be needed to design and construct higher-capacity transportation, water supply and pollution control systems, as well as large buildings and building complexes. They also will be needed to repair or replace existing roads, bridges and other public structures.



ENVIRONMENTAL ENGINEERING

*School of Civil Engineering and
Environmental Science*

ABOUT

Using the principles of physics, biology and chemistry, environmental engineers develop methods to meet such environmental challenges as water and wastewater treatment, air pollution control, solid and hazardous waste management, waste recycling and water resources management.

ACADEMICS

The core curriculum for environmental engineering is similar to civil engineering; however, the last two years of the program focuses strictly on environmental courses.

A two-semester capstone sequence requires multidisciplinary student teams to draw upon past undergraduate coursework and develop comprehensive solutions to an open-ended problem. The first course in the capstone sequence forms students into teams, introduces the capstone project and requires preliminary work so students can hit the ground running in the spring semester. The second course focuses on a real-world environmental engineering problem. Team work is evaluated by practicing engineers. One past capstone class undertook a study of mine water discharge to develop a passive treatment system located in the Tar Creek Superfund site in northeast Oklahoma.

CEES requires that all environmental engineering students take the Fundamentals of Engineering examination prior to graduation.

(405) 325-5911 | cees@ou.edu | www.cees.ou.edu



DEGREE OPTIONS

UNDERGRADUATE:

B.S. in Environmental Engineering

ACCELERATED:

B.S. in Environmental Engineering/
M.S. in Environmental Engineering

GRADUATE:

Master of Science
Doctor of Philosophy

BEYOND YOUR DEGREE

Past graduates have been employed by state and federal environmental agencies, including the Oklahoma Department of Environmental Quality, the U.S. Environmental Protection Agency and the U.S. Geological Survey, as well as various private industries and consulting firms.



ENVIRONMENTAL SCIENCE

*School of Civil Engineering and
Environmental Science*

ABOUT

Environmental scientists have a variety of job responsibilities, including collecting and analyzing air, water and soil samples; monitoring compliance with environmental laws and regulation; and addressing public meetings on local environmental challenges.

ACADEMICS

Students pursuing a Bachelor of Science degree in environmental science complete fundamental courses in chemistry, math, physics, biology, microbiology and environmental science. Students then choose three upper-division track electives in one of seven areas: biology, chemistry, earth and atmospheric sciences, geography, environmental planning, math and premedical. Students also choose two upper-division professional electives.

A two-semester capstone sequence requires multidisciplinary student teams to draw upon past coursework and develop comprehensive solutions to an open-ended problem. The first course in the capstone sequence forms students into teams, introduces the capstone project and requires preliminary work so students can hit the ground running in the spring semester. The second course focuses on a real-world environmental problem. Student teams are set up to look like a typical environmental consulting firm. Their work is evaluated by practicing engineers and scientists.

(405) 325-5911 | cees@ou.edu | www.cees.ou.edu



DEGREE OPTIONS

UNDERGRADUATE:

B.S. in Environmental Science

ACCELERATED:

B.S. in Environmental Science/
M.S. in Environmental Science

GRADUATE:

Master of Science
Doctor of Philosophy

BEYOND YOUR DEGREE

Our graduates work for the U.S. Environmental Protection Agency, Oklahoma Department of Environmental Quality, and numerous private industrial and consulting firms.



COMPUTER SCIENCE

School of Computer Science

ABOUT

Computer science is an exciting and dynamic technical discipline. From its inception just 50 years ago, computer science has become the basis for much of the growth in today's global economy. New computing technologies are being introduced in the marketplace at an astonishing rate, making the curriculum for computer science education fresh, dynamic and evolving.

ACADEMICS

Because the development and integration of computer-based solutions for various application domains is, by definition, a multidisciplinary endeavor, the educational experience for our undergraduate students is correspondingly broad and flexible.

In addition to taking 12 core CS courses, students take three additional advanced CS elective courses in topical areas that interest them, such as artificial intelligence, computer graphics, intelligent robotic systems, data networks, data mining, machine learning, high-performance computing, cryptography and more.

As part of their required CS coursework, students complete a major design project during a two-course capstone sequence in software engineering. Students also take general university requirements in humanities and sciences, and seven mathematics courses. Many required computer science classes include the social context of computing and professional ethics topics.

(405) 325-4042 | cs@cs.ou.edu | www.cs.ou.edu



DEGREE OPTIONS

UNDERGRADUATE:

B.S. in Computer Science

ACCELERATED:

B.S. in Computer Science/
M.S. in Computer Science

GRADUATE:

Master of Science
Doctor of Philosophy

BEYOND YOUR DEGREE

Our graduates are highly sought after in both the private and public sectors. Our alumni are very successful, holding positions at a variety of levels in major corporations, small businesses, start-up software companies, government agencies and universities.

CS ENROLLMENT

624 UNDERGRADUATE | 78 GRADUATE



ENGINEERING PHYSICS

Gallogly College of Engineering

ABOUT

Engineering Physics is a Gallogly College of Engineering program that collaborates closely with the Homer L. Dodge Department of Physics and Astronomy in the College of Arts and Sciences. The engineering physicist is interested in understanding physical phenomena and their underlying principles, and applying this knowledge to technology challenges. As the miniaturization of transistors, lasers and memory elements continues, understanding of their operation increasingly requires knowledge of quantum mechanics, statistical mechanics and other aspects of nanoscience.

ACADEMICS

The curriculum includes the basic courses that are common to engineering and physics. Coursework includes a block of upper-division physics courses, and a planned sequence of advanced courses in one of the engineering disciplines that fulfills the design requirements of an engineering degree. Coursework includes electronics, engineering computing, electromagnetism and optics, modern physics and quantum physics, physical mechanics, fluid mechanics, statistical physics and thermodynamics, an extensive mathematical preparation, and in-depth laboratory experience. This curriculum is designed to develop sufficient depth in both engineering skills and physics knowledge to produce engineers capable of working at the cutting edge of developing technologies and contribute to new fields as they emerge.

(405) 325-3961 | ephys@nhn.ou.edu | www.ou.edu/coe/ephysics



DEGREE OPTIONS

UNDERGRADUATE:

B.S. in Engineering Physics

GRADUATE:

Master of Science
Doctor of Philosophy

BEYOND YOUR DEGREE

An engineering physics graduate may find employment with a computer chip manufacturer as a process engineer whose job is to improve the operation and yield of semiconductor devices.

EPHYSICS ENROLLMENT

45 UNDERGRADUATE | 5 GRADUATE



COMPUTER ENGINEERING

School of Electrical and Computer Engineering

ABOUT

The School of Electrical and Computer Engineering offers courses using the most up-to-date technology to ensure students are ready to start a career after graduation. Computers are vital to our everyday lives, and computer engineers work to develop computer programs and hardware. From personal laptops to high-tech defense programs, computer engineers create, test and upgrade much of the hardware and software used daily.

ACADEMICS

A computer engineering student graduates with a Bachelor of Science in Computer Engineering degree. Graduates can further their education and pursue a Master of Science in three different areas: Electrical and Computer Engineering, Computer Science and Telecommunications.

Qualified computer engineering students may choose accelerated program tracks. Accelerated program students complete their M.S. degrees with an accumulated 12-credit hours less than normally required to obtain both degrees. Curricula are designed to give a thorough understanding of the physical principles, the design process and the current technology in the student's chosen discipline. Specialties include instrumentation and control systems, digital signal and image processing, and advanced computer architecture.

(405) 325-8131 | ecschool@ou.edu | www.ece.ou.edu



DEGREE OPTIONS

UNDERGRADUATE:

B.S. in Computer Engineering

ACCELERATED:

B.S. in Computer Engineering/
M.S. in Computer Science

B.S. in Computer Engineering/
M.S. in Electrical and Computer Engineering

GRADUATE:

Master of Science

Doctor of Philosophy

BEYOND YOUR DEGREE

Jobs in this field include design, manufacture and utilization of computer systems and components, such as processors, software, memory devices, networks, medical imaging, Internet of Things, robotics and autonomous vehicles.

ECE ENROLLMENT

638 UNDERGRADUATE | 136 GRADUATE



ELECTRICAL ENGINEERING

School of Electrical and Computer Engineering

ABOUT

Electrical engineers design and test a variety of electrical and electronic systems for a diverse set of applications, including electric power delivery, avionics, consumer electronics, communications, radar, navigation and lasers. The OU Electrical Engineering program is one of the broadest disciplines within the Gallogly College of Engineering. Students work with state-of-the-art equipment and technology to prepare for entering the job field upon graduation.

ACADEMICS

An electrical engineering student graduates with a Bachelor of Science in Electrical Engineering degree. Students may also choose the accelerated degree program, and receive both a Bachelor of Science in Electrical Engineering and a Master of Science in Electrical and Computer Engineering.

Curricula are designed to give a thorough understanding of the physical principles, the design process and the current technology in the student's chosen discipline. EE conventionally specializes in communications, electric power systems, microwave and radio frequency systems, solid state electronic devices and electronics.

(405) 325-8131 | ecschool@ou.edu | www.ece.ou.edu



DEGREE OPTIONS

UNDERGRADUATE:

B.S. in Electrical Engineering

ACCELERATED:

B.S. in Electrical Engineering/
M.S. in Electrical and Computer Engineering

GRADUATE:

Master of Science

Doctor of Philosophy

BEYOND YOUR DEGREE

Many career options are available, including product design, research, management, sales and manufacturing development. Technical areas include the design, manufacture and utilization of computers, power systems, communications, automatic control systems, electronics, semiconductor devices, quantum electronics, radar and microwave systems, instrumentation, digital signal and image processing, system instrumentation and biomedical electronics.



INDUSTRIAL AND SYSTEMS ENGINEERING

School of Industrial and Systems Engineering

ABOUT

Industrial and systems engineers design, enhance and manage complex, large-scale processes and systems to inform decision making. ISEs work on a broad range of complex systems problems involving both people and technology. Companies seek ISEs for their expertise in understanding, evaluating and improving the performance of entire technical and business systems.

ACADEMICS

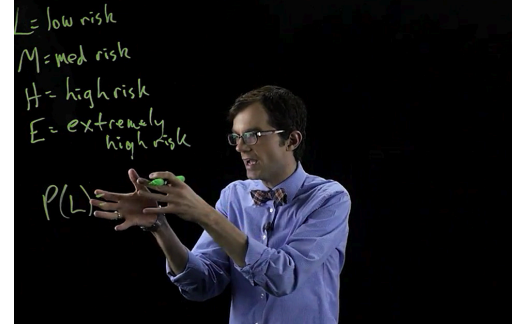
Industrial and Systems Engineering undergraduate degree tracks accommodate a variety of career paths and provide solid grounding in traditional areas of ISE: statistics, manufacturing, decision analytics, simulation, production management and human factors engineering. ISE graduates are hired by manufacturing and services industries, hospitals, amusement parks and consulting companies.

Our analytics option combines an ISE degree with a minor in computer science. Graduates gain the statistical and analytical skills of ISE and the software skills of CS, and have a competitive edge in the rapidly growing field of interpreting massive amounts of data.

Hospital systems, electronic medical records companies and medical device manufacturers all hire ISE graduates. If becoming a physician is your goal, our pre-med option will provide skills that will help you run your own medical practice.

Students also can pursue accelerated master's degrees in business administration or in ISE, developing targeted skill sets that can enhance success in the workplace or in graduate school.

(405) 325-3721 | ise@ou.edu | www.ou.edu/coe/ise



DEGREE OPTIONS

UNDERGRADUATE:

B.S. in Industrial and Systems Engineering
B.S. in Industrial Systems Engineering: Pre-Medicine Option
B.S. in Industrial Systems Engineering: Analytics Option

ACCELERATED:

B.S. in Industrial Systems Engineering/
M.S. in Industrial Systems Engineering
B.S. in Industrial Systems Engineering/
Master of Business Administration
B.S. in Industrial Systems Engineering/
M.S. in Industrial Systems Engineering with Analytics Option

GRADUATE:

Master of Science | Doctor of Philosophy

BEYOND YOUR DEGREE

Our graduates can be found working in a wide range of jobs and locations, from Wall Street financial firms to Silicon Valley start-ups, and fields that include energy, health care, entertainment, risk management, logistics, defense, and retail/wholesale distribution.

ISE ENROLLMENT

311 UNDERGRADUATE | 52 GRADUATE

TRUST YOUR
abilities.

SIMIN PULAT, PH.D.

PAST VICE PROVOST

PROFESSOR EMERITUS INDUSTRIAL AND SYSTEMS ENGINEERING



THERE IS
A PLACE
for you.



STUDENT ORGANIZATIONS AND TECHNICAL SOCIETIES

Alpha Sigma Kappa - Women in Technical Studies
American Indian Science and Engineering Society
American Institute of Aeronautics and Astronautics
American Institute of Chemical Engineers
American Society of Civil Engineers
American Society of Mechanical Engineers
Architectural Engineering Institute
Association for Computing Machinery
Association for Women in Computing
Biomedical Engineering Society
Engineering Entrepreneurship Club
Engineers Assisting Those in Need
Engineers' Club
Environmental Science Student Association
Game Developers' Association
Human Factors and Ergonomics Society
Institute for Operations Research and Management Sciences
Institute of Electrical and Electronics Engineers
Institute of Industrial and Systems Engineers
Loyal Knights of Old Trusty
National Society of Black Engineers
Out in Science, Technology, Engineering and Mathematics
Robotics Club
Society of Asian Scientists and Engineers
Society of Hispanic Professional Engineers
Society of Manufacturing Engineers
Society of Petroleum Engineers
Society of Women Engineers
Sooner Supercomputing Club
Sooners Without Borders
Tau Beta Pi
Triangle Fraternity
Women in Electrical and Computer Engineering

www.ou.edu/coe/studentlife

COMPETITION TEAMS

Boomer Rocket Team
Chem Car
Concrete Canoe
Design Build Fly
Sooner Electric Racing
Sooner Competitive Robotics
Sooner Off-Road
Sooner Powered Vehicle
Sooner Racing Team
Sooner Rover Team
Software Studio
Steel Bridge

www.ou.edu/coe/student_life/teams

LEARN MORE ABOUT OUR EXXONMOBIL LAWRENCE G. RAWL ENGINEERING PRACTICE FACILITY

www.ou.edu/coe/practice



DEAN'S LEADERSHIP COUNCIL

More than 50 sophomore, junior and senior engineering students serve as leaders for the Gallogly College of Engineering through the the Dean's Leadership Council. DLC mentors help first-year engineering students make a successful transition to college. DLC tutors help engineering students with their academic coursework. DLC recruiters host prospective students and families when they visit the college and the OU campus.

GLOBAL OPPORTUNITIES

*specifically designed
for engineering students*

STUDY ABROAD



FRANCE

Directly after the spring semester ends, students can embark upon a four-week program in Clermont-Ferrand, France, at the University Clermont d'Auvergne, during which they study the French language, engineering professional development and other commonly required engineering courses. Students visit local companies and corporations, conduct research and engage in meaningful cultural activities as they further their understanding of France and French culture.



ITALY

Two programs are coordinated by the college, and offered in Italy: a four-week program directly after the end of the spring semester, and a semester-long program each fall. The vibrant, ancient Tuscan city of Arezzo serves as the home-base for these programs. Students are exposed to Italian culture and history while they study engineering, mathematics, physics and science. Students also visit local corporations, work on engineering projects and engage with the local community via volunteer opportunities and internships.



MEXICO

Spend two weeks during the month of May in Mexico with the Gallogly College of Engineering. During this program, students study ancient monuments and culture as well as take a course in engineering professional development. Via this program, they visit several companies and industries to augment their understanding of the profession of engineering.

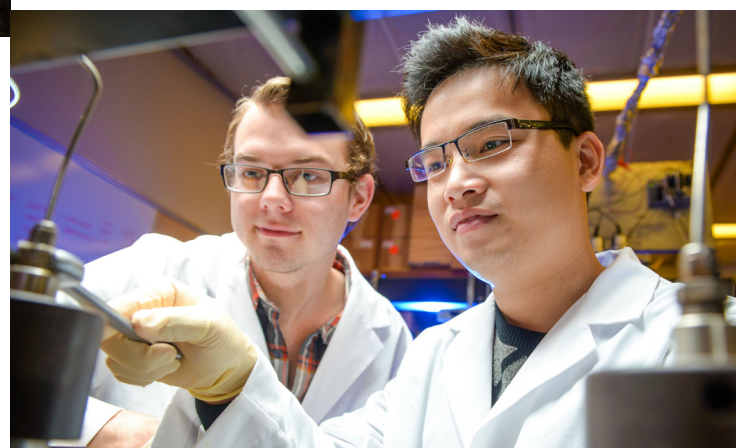
www.ou.edu/coe/studyabroad

UNDERGRADUATE RESEARCH

The Gallogly College of Engineering provides undergraduate students the opportunity to perform research alongside our internationally recognized faculty in state-of-the-art laboratories.

www.ou.edu/undergraduate-research

www.ou.edu/coe/honors_research



We award more than
\$1.8 MILLION
in scholarships every year.

SCHOLARSHIPS

The OU Gallogly College of Engineering awards more than \$1.8 million each year. This does not include the many additional school and departmental scholarships and tuition waivers. That is a lot of help to a lot of students!

There are scholarships designated for incoming freshmen based on academic achievement and financial need.

www.ou.edu/coe/scholarships

SOONER BORN. SOONER BRED. *sooner hired.*

OU CAREER SERVICES

OU Career Services works with engineering majors in the areas of career exploration, career development, internships and co-ops, and professional development. The annual OU Engineering Career Fair in September is attended for both internships and full-time positions. Through Career Services' recruiting platform, Handshake, students can access an online job board with more than 1,000 engineering-specific posts a year. Last year, Career Services coordinated more than 1,300 on-campus interviews exclusively for engineering students.

Visit the experts at Career Services for resources like major-specific handouts, mock interviews and technical resumé-writing guides.

www.hiresooner.com



DIVERSITY AND INCLUSION PROGRAM

Diversity and Inclusion program is designed to cultivate diversity of thought and strengthen an inclusive environment for all students, faculty and staff.

Open to all students, the OU Gallogly College of Engineering Diversity and Inclusion Program facilitates the outreach, recruitment, retention and overall success of historically under-represented communities.

With a diverse student population, we are better able to solve problems and implement new ideas because our students come to us with different backgrounds, experiences, knowledge and understanding.

(405) 325-0095 | mep@ou.edu

www.ou.edu/coe/diversity

- TUTORING
- SCHOLARSHIPS
- PROFESSIONAL DEVELOPMENT
- CAREER FAIR RECEPTION
- SPRING GRADUATION AND AWARDS BANQUET
- INDUSTRY NETWORKING OPPORTUNITIES
- TEXTBOOK RENTAL
- EXXONMOBIL PEER MENTORING
- FRESHMAN ENGINEERING ORIENTATION SECTION
- CULTURAL ORGANIZATIONS

AT&T SUMMER BRIDGE

The AT&T Summer Bridge Program has become a model for ensuring engineering students' academic preparedness and success. The four-week, residential program is for freshman students who have been accepted to the University of Oklahoma and who are planning to major in the Gallogly College of Engineering or the Mewbourne College of Earth and Energy. It is designed to help students prepare for college-level engineering and math course work. Since its inception, it has impacted the lives of more than 300 students.

Through a variety of coursework, community-building activities, seminars and engineering challenges, the AT&T Summer Bridge Program seeks to improve retention of under-represented students in engineering. The residential program includes all housing and meals, and provides an environment conducive to students building lasting and unique friendships that have proven to last throughout their college journey.



WOMEN IN ENGINEERING PROGRAM

The Gallogly College of Engineering proudly supports the advancement and achievement of women in engineering and sciences. Our goal is to increase the participation of women within the engineering and sciences professions through outreach and programs that ensure the success of our students academically, socially and professionally.

- HALLIBURTON WOMEN'S WELCOME
- CHEVRON FIRST-YEAR INTEREST GROUP MEETINGS
- HALLIBURTON WOMEN IN ENGINEERING RETREAT
- BOEING ENGINEERING GLAMS
- BP WOMEN MENTORING WOMEN PROGRAM SCHOLARSHIPS

www.ou.edu/coe/wie



JERRY HOLMES LEADERSHIP PROGRAM FOR ENGINEERS AND SCIENTISTS

The Jerry Holmes Leadership Program aims to influence people to make positive change through the exercise of technical expertise, collaboration, and ethical practice. The concepts introduced through the JHLP are based around the following tenets:

- LEADERSHIP CAN BE TAUGHT.
- LEADERSHIP IS AN INFLUENCE PROCESS.
- LEADERS PROMOTE CHANGE AND CREATE THE ENVIRONMENT IN WHICH CHANGE CAN TAKE PLACE.
- MANAGEMENT IS A PART OF LEADERSHIP.
- LEADERSHIP PREFERENCES ARE INFLUENCED BY CULTURE.
- THERE IS NO SUCH THING AS A "COMPLETE" LEADER.

These tenets shape and frame the leadership capabilities that are taught through the program. The capabilities focus on five domains of leadership: personal domain, interpersonal domain, management and teamwork domain, leadership domain, and intercultural domain.

ou.edu/coe/leadership





WILLIAMS STUDENT SERVICES CENTER

The academic advisers in Williams Student Services Center offer assistance to engineering students at every stage of their engineering education. You'll meet with your adviser to ask questions about degree programs and class schedules. You get information about special programs and events, student assistance programs and support services offered at OU, internships and scholarships, undergraduate research opportunities, leadership development and service opportunities.

The Gallogly College of Engineering provides an extensive framework of resources to keep students on track for graduation.

www.ou.edu/coe/academics/advising

GALLOGLY COLLEGE OF ENGINEERING CONTACTS

FUTURE STUDENTS

www.ou.edu/coe/futurestudents
(405) 325-3164
GOengineering@ou.edu

GCOE DEGREE PROGRAMS

www.ou.edu/coe/academics

DIVERSITY AND INCLUSION PROGRAM

www.ou.edu/coe/diversity
(405) 325-0095
lmorales@ou.edu

ACADEMIC STUDENT SUPPORT

www.ou.edu/coe/support
(405) 325-4096
coeadvising@ou.edu

GENERAL OU INFORMATION

ADMISSIONS AND RECRUITMENT

www.ou.edu/admissions

GENERAL CATALOG

catalog.ou.edu/current/index

OU STUDENT MEDIA

studentmedia.ou.edu

STUDY ABROAD

www.studyabroad.com or www.ou.edu/intprog

TRANSFER EQUIVALENCIES

enroll.ou.edu/thebook/ted

UNIVERSITY-WIDE DEGREE SHEETS

www.ou.edu/checksheets

UNIVERSITY COLLEGE

www.ou.edu/univcoll.html

FINANCIAL AID SERVICES

www.financialaid.ou.edu

CAREER SERVICES, INTERNSHIPS, CO-OP PROGRAMS

www.ou.edu/career

SOONER ATHLETICS

www.soonersports.com

MEWBOURNE COLLEGE OF EARTH AND ENERGY

www.ou.edu/mcee

HELPFUL WEBSITES

[GALLOGLY COLLEGE OF ENGINEERING](#)

[WILLIAMS STUDENT SERVICES CENTER](#)

[DIVERSITY AND INCLUSION PROGRAM](#)

[COMPUTER HELP](#)

[OU IT STORE](#)

[LAPTOP INFORMATION](#)

ou.edu/coe

ou.edu/coe/currentstudents/advising.html

ou.edu/coe/diversity

ou.edu/ouit/help

itstore.ou.edu

www.ou.edu/coe/laptop

FOLLOW US @ENGINEERINGATOU



The University of Oklahoma is an equal opportunity institution. www.ou.edu/eoo
This publication, printed by OU Printing Services, is issued by the University of Oklahoma.
1,500 copies have been prepared and distributed at no cost to the taxpayers of the State of Oklahoma.



The UNIVERSITY of OKLAHOMA
GALLOGLY
COLLEGE OF ENGINEERING

