

YOUR IDEAS. YOUR INNOVATION.

YOUR FUTURE



ALL ABOUT

OU Gallogly College of Engineering

DECADES OF HISTORY

1893

First engineering classes taught at OU. The College is founded in 1909.

1913

Engineers' Club hosts its first E-Week, a tradition that's still going strong.

1925

Felgar Hall becomes Oklahoma's first academic engineering building.

1957

The first computer, an IBM 650, was installed on-campus in the College of Engineering.

1970

Fred Haise, B.S. 1959, served as the lunar module pilot on NASA's Apollo 13 mission.

1994

Donna Shirley, B.S. 1965, was named manager of NASA's Mars Exploration Program Office and oversaw the development of the Mars rover, Sojourner.

2015

The College of Engineering begins a new era as the Gallogly College of Engineering.

STUDENT ENROLLMENT

3,500+

UNDERGRADUATE

700+

GRADUATE

STUDY ABROAD



4 Programs in Italy, France, and Mexico

20+

UNDERGRADUATE
DEGREE
PROGRAMS



MORE THAN

\$3,000,000

IN STUDENT SCHOLARSHIPS*



OVER
\$60.8 MILLION

in faculty research grant awards means you have opportunities to participate in UNDERGRADUATE RESEARCH*

*ACADEMIC YEAR 2025

+ \$3.0 MILLION DOES NOT INCLUDE SCHOLARSHIPS FROM THE UNIVERSITY OR OUTSIDE SOURCES.

2019

Galoggly Hall is the newest addition to the Engineering Quad.

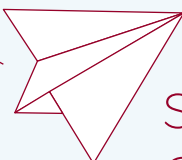
2023

Ranked by the Wall Street Journal Top 20 public colleges for engineering salaries.

2025

The OU Polytechnic Institute joins the College, adding industry-aligned programs in both Norman and Tulsa.

60+

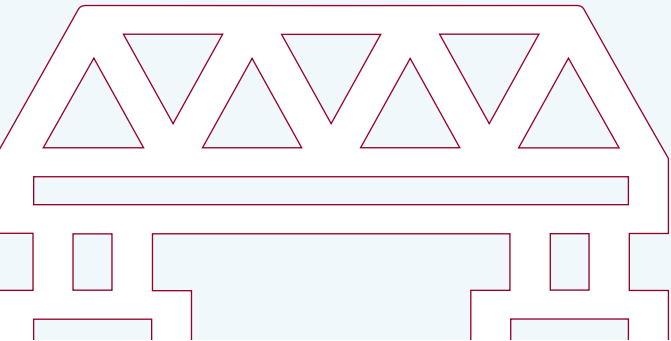


STUDENT ORGANIZATIONS & TECHNICAL SOCIETIES

9



COMPETITION TEAMS



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TERMS TO KNOW

Major	Primary area of study
Minor	Complimentary area of specialization
Accelerated Dual Degree Programs	Five year Dual degree program
B.S.	Bachelor of Science
M.S.	Master of Science
M.B.A.	Master of Business Administration
M.E.S.	Master of Environmental Science
Certificate	Additional credential that enhances undergraduate experience



ENGINEERING PATHWAYS PROGRAM

The Engineering Pathways program provides students to an engineering educational system where students from all backgrounds thrive. The student-focused experts in outreach, recruitment, first-year engineering, professional skill development, student support and provide a cohesive educational experience surrounded with care and support to nurture students along each stage of their journey to becoming engineers. From preK through graduation, also students receive enthusiastic instruction and mentoring along their own engineering path, ensuring students also have access to technical and professional development for success in the workplace. Components of Engineering Pathways include:

Educational Outreach

Opening doors to rewarding careers through programming for preK-12 students, their caregivers, and teachers

Pathways Into OU Engineering

Faculty engage students in Pathways to Engineering Thinking and Engineering Design in Action to learn about different engineering paths as they design and prototype an engineered solution to meet a community partners need

EMPOWER

Support for math placement and learning prior to and throughout a students time in OU Engineering

Engineering Catalyst

Intensive academic year support program grounded in academic success & math skill building

Professional Skills and Responsibilities for Engineers and Scientists

A required course where students investigate global challenges as they build their tools for the critical professional responsibilities of all engineers and scientists

Undergraduate Research

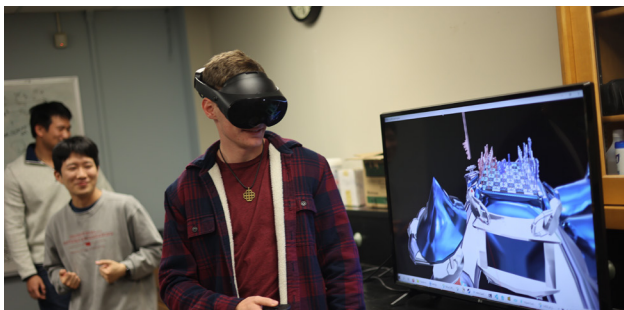
Faculty mentor students in engineering research projects and facilitate placement in other individual opportunities

Engineering Pathways Mentors

A peer mentoring program aligned with the first-year engineering courses and student needs

Informal Mentoring

Faculty serve as a resource for students during and beyond their EP engineering courses



Students using state-of-the-art virtual reality facilities.

The College has a collaborative and experiential learning environment for all students. You can learn about these programs as well as our academic majors and more on the following pages.

IF YOU HAVE ANY QUESTIONS

You can email goengineering@ou.edu or connect with us online at engineering.ou.edu!

ou.edu/coe/academics/pathways

YOUR TRANSITION TO OU

At OU Engineering, we believe that your success as an engineer starts with a strong foundation. We offer key transition programs, we aim to create a sense of community and academic success that will continue through your entire OU journey.

ENGINEERING SUMMER BRIDGE

The Engineering Summer Bridge Program has become a model for ensuring engineering students' academic preparedness and success. The four-week, Summer residential program is for first-year students who have been accepted to OU and who are planning to major in our programs. It is designed to help students prepare for college-level engineering and math coursework. Since its inception in 2007, it has impacted the lives of more than 600 students. Through coursework, community-building activities, seminars and engineering challenges, the Engineering Summer Bridge Program seeks to improve retention of students in engineering. The residential program includes all housing and meals, and provides an environment conducive to students building impactful and unique friendships that have proven to last throughout their college journey and beyond.

ou.edu/coe/summerbridge



Engineering Summer Bridge students brainstorm design ideas for a prosthetic leg.

EMPOWER

Engineering Mathematics Program for Orientation, Workshops, and other Educational Resources
Loving mathematics is NOT required for being an engineer/engineers only need to be able to use math. Math is one of the important tools that engineers use, EMPOWER offers various degrees of support for students, beginning before students arrive on campus and continuing during their time here. The program offerings include a range of resources designed to support students' math skills throughout their engineering education, from preparation before their first semester to assistance with advanced engineering coursework

ou.edu/coe/academics/pathways/empower

ENGINEERING CATALYST

Engineering Catalyst is a transitional support program during the academic year for students motivated to succeed and who are beginning their engineering degree in a calculus pre-requisite course. This two-year intensive support program is designed to help each selected Catalyst Scholar build their academic and professional success as they travel through their curriculum-to-career pathway. As a part of the program's resource-rich framework, Engineering Catalyst Scholars engage in a variety of custom-tailored building blocks for success, including:

- **Specialized classes** – Exclusive classes to support Scholar transition to OU, career planning and development, and engineering-based problem-solving through mathematics.
- **Robust learning support** – Comprehensive, embedded support for math, science, and foundational engineering learning.
- **Personalized planning** – Specialized academic and career advising.
- **Community connections** – Access to a dedicated community of supportive faculty, staff, and fellow Catalyst Scholars.

ou.edu/coe/catalyst

SUPPORTING YOU AT OU

We all know that classroom experiences are important, but did you know that engaging with your engineering peers outside of the classroom is just as important in your time on campus? OU Engineering

ENGINEERING BROADER IMPACTS PROGRAM

The Engineering Broader Impacts Program at OU Engineering provides support and services for all students, including veterans, Pell Grant recipients, first-generation students, and those from underserved or low-income backgrounds, helping them succeed throughout their academic journey. Through evidence-based initiatives, the program eases the transition to college, connects students to a strong alumni network, and collaborates across campus to promote retention, creativity, and innovation. The program's goal is to help students feel confident, prepared, and equipped to succeed academically and personally. OU Engineering welcomes and values all students and provides equal opportunity for everyone, fostering a strong sense of belonging where every voice is heard and unique ideas are encouraged. Support is provided through initiatives that strengthen academic success and community, including free peer-led tutoring at the Engineering Learning Center in Gallogly Hall, the four-week Engineering Summer Bridge program for incoming students, a first-year seminar course, and involvement in more than 60 student organizations.

ou.edu/coe/student-life/impacts



Tutoring in the Engineering Learning Center.

CAREER DEVELOPMENT FOR ENGINEERING AND SCIENCE

The Career Development for Engineers and Scientists (CDES) program prepares undergraduate and graduate students in the Gallogly College of Engineering and the Mewbourne College of Earth and Energy for successful transitions from college to professional life. The mission of CDES is to equip students with the tools, connections, and confidence they need to launch and advance meaningful careers in engineering and the sciences. Through CDES, students build career readiness skills that distinguish them in a competitive job market and open doors to opportunities across industries.



Students engage in a CDES leadership workshop.

Resources include one-on-one career advising, resume and interview preparation, internship and co-op placement support, and connections to a robust network of employers and alumni. Whether students are exploring career paths or actively pursuing opportunities, CDES provides the guidance and resources to help them move forward with purpose and direction.

ou.edu/coe/student-life/career-development

JERRY HOLMES LEADERSHIP PROGRAM FOR ENGINEERS AND SCIENTISTS

The Jerry Holmes Leadership Program for Engineers and Scientists (JHLP) provides leadership education for undergraduate and graduate students in the Gallogly College of Engineering and the Mewbourne College of Earth and Energy. The mission of JHLP is to help Gallogly and Mewbourne students learn and practice the skills they will need to be effective and ethical leaders now and throughout their careers. Through JHLP, engineering and science students learn leadership and professional skills that set them apart from their peers. Opportunities include retreats, workshops, guest lectures, courses, and an academic Undergraduate Certificate in Engineering Leadership. Students can further develop their leadership capabilities as Holmes Leadership Associates (HLAs). JHLP students lead teams, advocate for change, tackle problems, and create innovative solutions for modern challenges.

ou.edu/coe/student-life/leadership





WILLIAMS STUDENT SERVICES CENTER

The professional advisors in the Williams Student Services Center offer assistance to students at every stage of their education, starting with their very first year. Students meet with their advisor to ask questions about degree programs and class schedules. Information is also available 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. Advisors also connect students with faculty advisors who can talk through research interests, internship and career paths, and more.

ou.edu/coe/academics/advising

Historic Felgar Hall is home to academic advising, Engineering Pathways and more.



Undergraduate students and faculty using research facilities across campus.

ACADEMIC SUPPORT

The Engineering Learning Center provides academic support for common 1st and 2nd year engineering coursework.

This resource is provided to OU Engineering students in addition to campus-wide programs like Action Tutoring, the MATH Center and the Writing Center.

ou.edu/coe/academics/student-support

UNDERGRADUATE RESEARCH

No matter your engineering career path, undergraduate research is an excellent learning opportunity. Through a research portal, students can learn about ongoing faculty research and apply to participate in cutting-edge projects. Students also have opportunities for the open-ended, deep-learning that research offers through embedded projects in their engineering coursework. The Engineering Pathways office offers workshops, fellowships, and a student symposium to support both students and faculty mentors in this educational opportunity.

"The Sooner Space research group at OU is pushing the frontiers of space exploration — from developing strategies to deflect potentially hazardous asteroids and designing next-generation satellite constellations, to charting optimal trajectories to Mars and beyond, and designing low-cost CubeSats that carry Oklahoma-grown technology into orbit. Led by Dr. Diogo Merguizo Sanchez, this dynamic research group is tackling some of the most thrilling challenges in modern astrodynamics, with real-world implications for planetary defense, national security, and humanity's future in space."

ou.edu/coe/research

GLOBAL OPPORTUNITIES

SPECIFICALLY DESIGNED FOR ENGINEERING STUDENTS

STUDY ABROAD

ITALY



Two programs are offered in Italy; a four-week summer 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 take Professional Skills and Responsibilities for Engineers and Scientists and other engineering courses along with mathematics, physics, and science. Students visit local corporations, work on engineering projects, and engage with the local community via volunteer opportunities and internships. The fall program includes engineering and STEM courses, as well as opportunities to take courses based on their interests offered by OU in Arezzo.

MEXICO



Puebla, Mexico serves as the home for students to have the opportunity to earn degree credit in this historic city, known for its rich culture and culinary depth. During this program, students study ancient monuments and culture as well as take a professional elective course that includes field experiences.

FRANCE



Students can participate in a four-week program in Clermont-Ferrand, France, at the University Clermont d'Auvergne, during which they study the French language, and take a professional elective course that includes field experiences. Students visit local companies and corporations, conduct research and engage in meaningful cultural activities as they further their understanding of France and French culture.

ou.edu/coe/studyabroad

SCHOLARSHIPS

The College awards more than \$3 million in scholarships each year, with additional awards offered as departmental scholarships, tuition waivers or financial support from the University or outside sources. There are scholarships designated for incoming students based on academic achievement and financial need. In the past year, we awarded over \$500,000 to first-year students!

In order for a first-year student to be eligible for a scholarship, they must apply by the University scholarship deadline, be a declared major in OU Engineering, and have a completed FAFSA on file. Scholarships are awarded in the spring, and students are notified by mail if they received OU Engineering first-year scholarship.

ou.edu/coe/scholarships



Students attending OU Engineering Commencement.

OUR DEGREE OPTIONS

SCHOOL OF AEROSPACE AND MECHANICAL ENGINEERING

MAJORS

Aerospace Engineering
Mechanical Engineering:
–Standard
–Pre-Medical

ACCELERATED DUAL DEGREE PROGRAMS

B.S. & M.S. Aerospace Engineering
B.S. & M.S. Mechanical Engineering

STEPHENSON SCHOOL OF BIOMEDICAL ENGINEERING

MAJOR

Biomedical Engineering

ACCELERATED DUAL DEGREE PROGRAM

B.S. & M.S. Biomedical Engineering

SCHOOL OF CIVIL ENGINEERING AND ENVIRONMENTAL SCIENCE

MAJORS

Architectural Engineering
Civil Engineering
Environmental Engineering
Environmental Science

ACCELERATED DUAL DEGREE PROGRAMS

B.S. Architectural Engineering & M.S. Civil Engineering
B.S. & M.S. Civil Engineering
B.S. & M.S. Environmental Engineering
B.S. & M.E.S. Environmental Science

MINORS

Environmental Science
Water and Sanitation for Health and Sustainable Development

SCHOOL OF COMPUTER SCIENCE

MAJOR

Computer Science

ACCELERATED DUAL DEGREE PROGRAM

B.S. & M.S. Computer Science

MINORS

Computer Science

SCHOOL OF ELECTRICAL AND COMPUTER ENGINEERING

MAJORS

Electrical Engineering
Computer Engineering

ACCELERATED DUAL DEGREE PROGRAMS

B.S. Computer Engineering & M.S. Electrical and Computer Engineering
B.S. Electrical Engineering & M.S. Electrical and Computer & Engineering
B.S. Computer Engineering & M.S. Computer Science

MINOR

Electrical and Computer Engineering

ENGINEERING PHYSICS PROGRAM

MAJORS

Engineering Physics
With a concentration in any Gallogly College of Engineering discipline.

SCHOOL OF INDUSTRIAL AND SYSTEMS ENGINEERING

MAJORS

Engineering Analytics
Industrial and Systems Engineering:
–Standard
–Pre-Medical

ACCELERATED DUAL DEGREE PROGRAMS

B.S. Engineering Analytics & M.S. Analytics Engineering
B.S. Engineering Analytics & Masters in Business Administration
B.S. Engineering Analytics & M.S. Data Science and Analytics

SCHOOL OF SUSTAINABLE CHEMICAL BIOLOGICAL AND MATERIALS ENGINEERING

MAJORS

Chemical Engineering:
–Standard
–Bioengineering
–Pre-Medical
–Sustainability

ACCELERATED DUAL DEGREE PROGRAMS

B.S. & M.S. Chemical Engineering
B.S. Chemical Engineering: Bioengineering & M.S. Biomedical Engineering
B.S. Chemical Engineering: Pre-Medical & M.S. Biomedical Engineering
B.S. Chemical Engineering: Sustainability & M.S. Chemical Engineering

OU POLYTECHNIC INSTITUTE

OU Polytechnic Institute is a program available on multiple campuses, with some majors sometimes being limited to a different campus.

NORMAN CAMPUS MAJORS

Applied Artificial Intelligence
Digital Manufacturing
Software Development and Integration

TULSA CAMPUS MAJORS

Applied Artificial Intelligence
Cybersecurity
Healthcare Information Systems
Software Development and Integration

ACCELERATED DUAL DEGREE PROGRAMS

B.S. & M.S. Software Development & Integration
B.S. & M.S. Applied Artificial Intelligence
B.S. & M.S. Cybersecurity
B.S. Cybersecurity & M.S. Cybersecurity Leadership

ONLINE DEGREES

B.S. Software Development and Integration

CERTIFICATES

Artificial Intelligence and Machine Learning
Bioprocessing
Engineering Leadership
Engineering Leadership: Sustainability
Software Engineering
Sustainable Energy Systems





LLOGLY HALL



SCHOOL OF AEROSPACE AND MECHANICAL ENGINEERING

Whether a student is interested in the broad discipline of mechanical engineering or the more focused field of aerospace engineering, we prepare students to solve today's problems in a variety of settings. Undergraduate students enjoy an exceptional educational experience through innovative teaching from faculty and participation in hands-on projects within designated laboratories. They can participate in numerous competition teams which helps develop not only engineering and interpersonal skills but also bonds that last a lifetime.

MAJORS

Aerospace Engineering

Mechanical Engineering:
-Standard

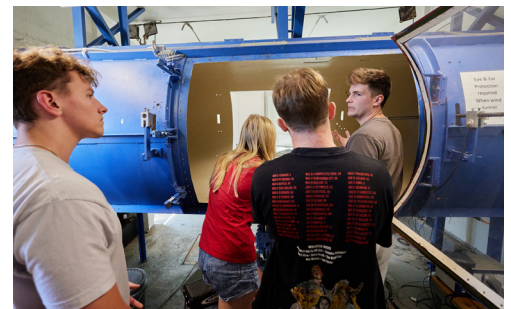
**Accelerated (5-year)
Dual Degree Programs**

B.S. & M.S. Aerospace
Engineering

B.S. & M.S. Mechanical
Engineering

“The School of Aerospace and Mechanical Engineering not only provides an excellent education but also fosters a strong sense of community. The professors and staff are highly approachable, and their dedication to students' success is evident. Additionally, the student body has created a close-knit, family-like environment.”

- Brooke Rogachuk, Aerospace Engineering
Class of 2026, Goldwater and Astronaut Scholar



Top: Sooner Racing Team collaborate on designing a formula style-racecar. Left: Students see the Design, Build, Fly model airplane. Right: Students experience Aerospace Engineering close-up at the L.A. Wind Tunnel Lab.

CAREER PATHS

CONTROL ENGINEER

FIELD ENGINEER

EQUIPMENT ENGINEER

STRUCTURAL DESIGN ENGINEER

Northrop Grumman Gilbert, AZ

Continental Resources Oklahoma City, OK

Valero Corpus Christi, TX

Boeing Oklahoma City, OK

CONTACT AME

(405) 325-5011

Felgar Hall, Rm. 212

ou.edu/coe/ame

STEPHENSON SCHOOL OF BIOMEDICAL ENGINEERING

Being a student with us means you are a valued member of a growing family made up of students, faculty, and staff. It means being at the center of life-changing research, industry networking opportunities, and nurturing an entrepreneurial culture. Our vision is to educate the next generation of biomedical engineers and create new technologies that advance human health.

“Studying biomedical engineering at the University of Oklahoma has been an incredibly rewarding experience. Through hands-on projects and strong mentorship, I’ve developed skills in collaboration, project management, and medical device design. The supportive and driven SBME community encouraged me to take on new challenges, grow as a leader, and build confidence in my abilities. The program has provided a strong foundation for my future and shaped me as both an engineer and a person.”

– Khushi Damani, Biomedical Engineering
Class of 2026



SBME

MAJORS

Biomedical Engineering

**Accelerated (5-year)
Dual Degree Programs**

B.S. & M.S. Biomedical
Engineering



Top: Biomedical Engineering students earned first and third place at the national Medical Device Make-A-Thon Left: A professor advises a student while performing lab work. Right: Students make a prosthetic tendon as a part of the Engineering Days Program.

CONTACT

(405) 325-5453

Gallogly Hall, Rm. 101

ou.edu/coe/sbme

CAREER PATHS

BIOMEDICAL ENGINEER

CLINICAL SPECIALIST

TECHNICAL SOLUTIONS ENGINEER

PROCESS DEVELOPMENT ASSOCIATE

Gener8 Woburn, MA

Medtronic Dallas, TX

Epic Systems Madison, WI

Cytovance Oklahoma City, OK



SCHOOL OF CIVIL ENGINEERING AND ENVIRONMENTAL SCIENCE

As a student here, your degree means more than learning about engineering and science. Students engage in hands-on, real-world creative problem solving and engineering design, while learning leadership, teamwork, and communications skills. Students discover fulfilling careers in all three major sectors of engineering and scientific practice—government, private consulting, and industry—and address some of the most pressing infrastructure and environmental issues facing the world.

MAJORS

Architectural Engineering
Civil Engineering
Environmental Engineering
Environmental Science

Accelerated (5-year) Dual Degree Programs

B.S. Architectural Engineering & M.S. Civil Engineering
B.S. & M.S. Civil Engineering
B.S. & M.S. Environmental Engineering
B.S. & M.E.S. Environmental Science

MINORS

Environmental Science
Water and Sanitation for Health and Sustainable Development

“As a Civil Engineering student, I’ve had the chance to engage in hands-on learning that brings classroom concepts to life. Through research in the asphalt lab and my work on the Concrete Canoe Team, I’ve been able to apply what I’ve learned in class to real, practical projects. OU’s focus on immersive, collaborative learning has prepared me to take on real-world engineering challenges with confidence.”

– Olivia Davis, Civil Engineering
Class of 2026



Top: An Environmental Science professor lectures about groundwater and aquifers. Left: Students learn about Environmental Science as a part of the Engineering Days program. Right: Environmental Engineers perform fieldwork.

CAREER PATHS

WATER ENGINEER
MAINTENANCE ENGINEER
PROJECT ENGINEER
BRIDGE INSPECTOR

Arcadis Syracuse, NY

Constain Group PLC London, England

Garver Fayetteville, AR

H.W. Lochner Oklahoma City, OK

CONTACT CEES

(405) 325-5913

Carson Engineering
Center, Rm. 334

ou.edu/coe/cees

SCHOOL OF COMPUTER SCIENCE

Given the scope of today's technological advances, a degree in computer science offers students a pathway to multiple possibilities including educational technology, artificial intelligence and robotics, data mining, data and wireless networks, computer security, programming and software engineering, and computational science and theory. From internationally recognized faculty to research partnering with private and public sector companies, our students are on the front lines of technology today and tomorrow. Students have access to some of the latest in technological advancement in its classrooms, team rooms, teaching labs, and research spaces.

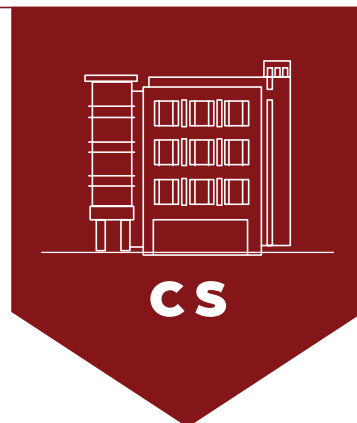
“I would highly encourage any prospective student with drive and resolve to look at the School of Computer Science as a worthwhile place to grow on their educational and professional journeys. The professors and staff offer a wealth of knowledge and are highly dedicated to the continuous development of their students. My experience here has been highly rewarding.

– Cole Essary, Computer Science

Class of 2025, Outstanding CS Senior Award Winner



Top: Members of Sooner Competitive Robotics testing their robot. Left: Students teaching computer concepts. Right: Student researchers using computer weather models.



MAJORS

Computer Science

**Accelerated (5-year)
Dual Degree Programs**

B.S. & M.S. Computer Science

MINORS

Computer Science

Computational Technology

**Optional Embedded
Certificates**

Machine Learning and
Artificial Intelligence

Software Engineering

CONTACT CS

(405) 325-4042

Devon Energy Hall

Rm. 150

ou.edu/coe/cs

CAREER PATHS

SOFTWARE ENGINEER

SENIOR MACHINE LEARNING ENGINEER

APPLICATION SECURITY ANALYST

SOFTWARE ENGINEER

Google, Inc. Mountain View, CA

J.P. Morgan Palo Alto, CA

Paycom Oklahoma City, OK

Microsoft Redmond, WA



SCHOOL OF ELECTRICAL AND COMPUTER ENGINEERING

The field of electrical and computer engineering continues to evolve into an ever-broadening discipline that is rapidly reaching into more aspects of common everyday life. Students gain technical and professional skills to solve today's problems and to ethically innovate for the future. Undergraduate students concurrently learn theory and practical applications in teaching and research laboratories.

“The Electrical and Computer Engineering program at OU has given me a fulfilling experience in pursuing my dream career in robotics. The faculty has your success in mind, and I have had the opportunity to take classes in interesting fields such as microprocessor system design, VLSI digital system design, artificial intelligence, and digital signal processing. By incorporating experiential learning into the curriculum and being able to practice engineering on a competition team such as Sooner Competitive Robotics, the ECE program has given me the confidence to apply the knowledge learned in the classroom to real world settings.”

– Braden White, Computer Engineering
Class of 2024

MAJORS

Electrical Engineering

Computer Engineering

**Accelerated (5-year)
Dual Degree Programs**

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

B.S. Electrical Engineering

M.S. Electrical and Computer
Engineering

B.S. Computer Engineering &
M.S. Computer Science

MINORS

Electrical and
Computer Engineering



Top: Students soldering circuits. Left: Class lab in Gallogly Hall. Right: Students work on a project in the Digital Design Lab.

CAREER PATHS

DESIGN AND ANALYSIS ENGINEER

Boeing Oklahoma City, OK

INFORMATION TECHNOLOGY ENGINEER

ConocoPhillips Bartlesville, OK

ELECTRICAL ENGINEER

Fiat Chrysler Automobiles Belvidere, IL

SOFTWARE ENGINEER

Western Digital Colorado Springs, CO

CONTACT CS

(405) 325-8131

Devon Energy Hall

Rm. 105

ou.edu/coe/ece

SCHOOL OF INDUSTRIAL AND SYSTEMS ENGINEERING

Our programs are vital to providing solutions to complex problems in wide-ranging fields including manufacturing, transportation, technology, healthcare, aerospace, and supply chain management. While most engineers work with products or processes, we work on a broad range of problems involving both people and technology.

“ISE has taken my problem-solving skills to the next level through real-world projects and lab experiences in manufacturing and ergonomics. With courses including statistics, operations research, and economics, this degree prepares us with the skillset to make any process faster, cheaper, and better. I love the versatility of this degree with job opportunities spanning the transportation, aerospace, energy, finance, healthcare, and even entertainment industries. Yet, the best part of it all is easily the people. Having professors who invest in my success and classmates who have become best friends, ISE is a community I value being a part of.”

– Sydney Pierce, Industrial and Systems Engineering
Class of 2026



Top: 2026 Industrial and Systems Engineering graduates. Left: Hands-on work being performed in the Fab Lab Right: Students in the Design and Manufacturing Processes lab.



MAJORS

Engineering Analytics

Industrial and Systems Engineering:

–Standard

–Pre-Medical

Accelerated (5-year) Dual Degree Programs

B.S. & M.S. Industrial and Systems Engineering

B.S. Industrial and Systems Engineering: Analytics & M.S. Industrial and Systems Engineering

B.S. Industrial and Systems Engineering & M.B.A

B.S. Industrial and Systems Engineering: Analytics & M.S. Data Science and Analytics

CONTACT ISE

(405) 325-3721

Carson Engineering

Center, Rm. 124

ou.edu/coe/ise

CAREER PATHS

OPERATIONS ENGINEER

SYSTEMS ENGINEER

ASSOCIATE CONSULTANT

TECHNICAL PRODUCT MANAGER

NASA Houston, TX

Boeing Oklahoma City, OK

Mastercard Chicago, IL

NVIDIA Santa Clara, CA



SCBME

MAJORS

Chemical Engineering:

- Standard
- Bioengineering
- Pre-Medical
- Sustainability

Accelerated (5-year) Dual Degree Programs

B.S. & M.S. Chemical
Engineering

Certificate

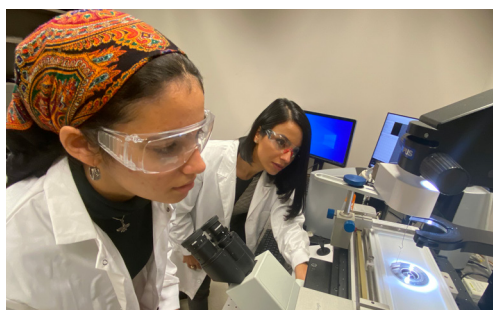
Bioprocessing

SCHOOL OF SUSTAINABLE CHEMICAL, BIOLOGICAL, AND MATERIALS ENGINEERING

Our program prepares students to perform as professionals, succeed in pursuing advanced degrees and skills, and improve their professional competencies through further training or education. We offer research opportunities for students in the areas of biomedical, catalysis for energy and chemicals, environmental engineering, soft materials, and interfacial science.

“OU SCBME has provided me the chance to work with caring professors who are eager to share their knowledge and curiosity with students. It has equipped and challenged me to develop into a well rounded and capable chemical engineer able to think critically, adapt, and solve real problems. I am grateful for not only the knowledge and character developed, but for the community found in SCBME and the relationships I will carry with me for years to come.”

- EllieGrace Cooper, Chemical Engineering
Class of 2026, Outstanding Senior in Chemical Engineering



Top: Graduate students work on a research project. Left: Student and faculty in the Colloid and Interface Science Lab. Right: Students measure numerous chemical reactions during a hands-on project at Engineering Days.

CAREER PATHS

MATERIALS COORDINATOR

DOW Houston, TX

SUPPLY CHAIN ANALYST

PepsiCo Plano, TX

CONTROLS ENGINEER

ThermalTech Engineering Cincinnati, OH

CORP ENGINEER

Samsung Austin Semiconductor Austin, TX

CONTACT SCBME

(405) 325-5811

Sarkeys Energy Center

Rm. T-301

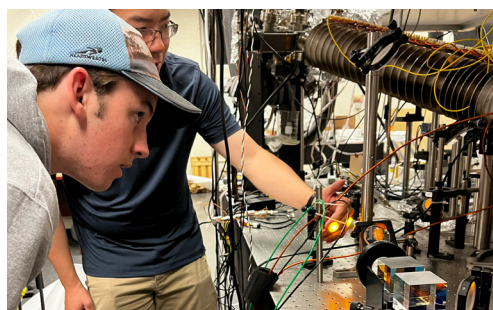
ou.edu/coe/scbme

ENGINEERING PHYSICS

This program prepares students for careers where the disciplines of physics and engineering intersect. The program provides an interdisciplinary environment where pure and applied science merge. The curriculum develops depth in both engineering skills and physics knowledge, producing engineers who excel in relating fundamental physical principles to practical engineering problems. Recent alumni are employed in a variety of sectors, including the microelectronics, energy, and aerospace industries.

“The Engineering Physics experience at OU includes remarkable opportunities for students interested in physics and its applications. Whether it is a Society of Physics Students event or the First Year Research Experience, there is something for everyone. These viewpoints combine well with this degree. The physics department houses cutting-edge research facilities and is well equipped to guide students through their academic careers. If you are fascinated by the physics of the world and its practical applications, this degree could be for you.”

– Nicolas Flores, Engineering Physics
Class of 2025



Top: Neilsen Hall, one of the Physics buildings on campus. Left: An Engineering Physics student participating in a class lab in Neilsen Hall. Right: An Engineering Physics student works with ultracold atomic gases via a magneto-optical trap.



EPHYS

MAJORS

Engineering Physics

With a concentration in any Gallogly College of Engineering discipline

Engineering Physics is an example of a truly interdisciplinary program. Each student chooses an engineering emphasis area that aligns with their interest. Students benefit from small classes, individualized attention, and many opportunities to gain hands-on experience.

CONTACT EPHYS

(405) 325-2621

Carson Engineering
Center, Rm. 107

ou.edu/coe/ephysics

CAREER PATHS

DESIGN ENABLEMENT ENGINEER

MECHANICAL DESIGN ENGINEER

SENIOR RADAR ENGINEER

GEOPHYSICIST

IBM Essex Junction, VT

Mason Controls Los Angeles, CA

Raytheon Dallas, TX

Nobel Energy Houston, TX



MAJORS

Applied Artificial Intelligence

Cybersecurity

Software Development
and Integration

Digital Manufacturing

Health Information Systems

**Accelerated (5-year)
Dual Degree Programs**

B.S. & M.S. Applied Artificial
Intelligence

B.S. & M.S. Cybersecurity

B.S. Cybersecurity & M.S.
Cybersecurity Leadership

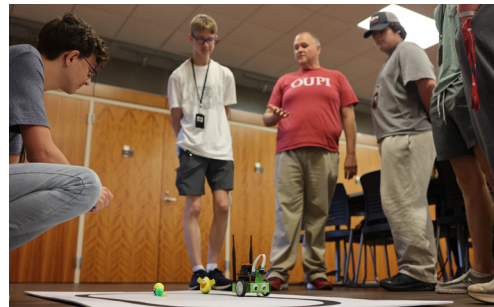
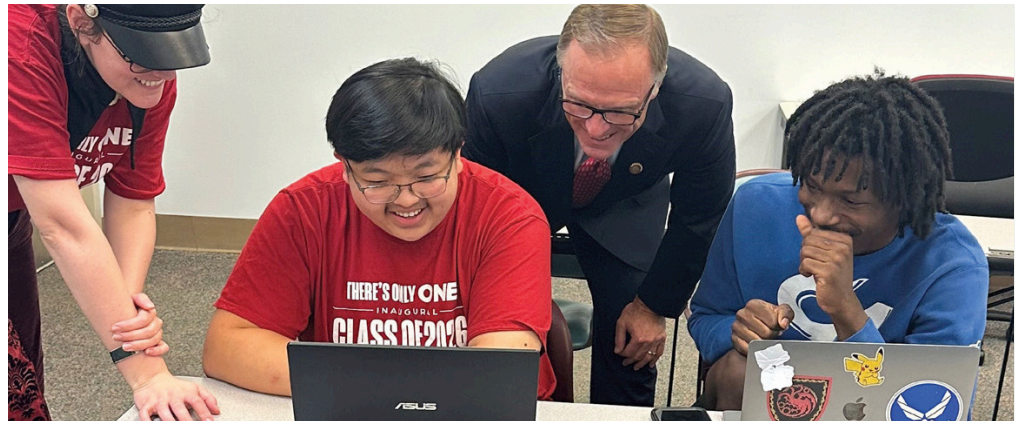
B.S. & M.S. Software
Development & Integration

OU POLYTECHNIC INSTITUTE

At the OU Polytechnic Institute (OUPi), we don't just teach tech—we live it. With hands-on learning, real-world projects, and deep industry connections, you'll be ready to launch your career the day you graduate. Our cutting-edge programs are designed with corporate partners and taught by faculty with more than 200 years of combined industry experience. You can start a four-year degree on the Norman campus or complete your junior and senior years in Tulsa through our bachelor's degree completion programs. And with our 4+1 options on both campuses, you can earn a master's degree with just one extra year.

“I love OUPi because of the community. The faculty has made it a point to connect students with local industry partners, helping us build a community that reaches beyond the classroom. As students, we keep finding new ways to laugh, collaborate, and grow together.”

– Sanaa Byron, Cybersecurity
Class of 2026



Top: Cybersecurity students demonstrate a class project to OU Regent Waits during a visit to the Tulsa campus. Left: Engineering Days participants get a hands-on look at robotics. Right: Staff and students tabling on the South Oval for OUPi.

CONTACT OUPi

(918) 660-3456

4502 East 41st Street, Tulsa, OK

202 W. Boyd Street, Norman, OK

ou.edu/polytechnic

CAREER PATHS

INFORMATION SECURITY ANALYSTS

DATA MINING AND ANALYSIS

SECURITY ARCHITECT

MACHINE LEARNING SPECIALIST

OU-TULSA SCHUSTERMAN CENTER

OU-Tulsa is a nationally-recognized center for higher education, offering **more than 30 undergraduate, Master's, and Doctorate level degrees**, as well as graduate certificates. The University of Oklahoma's presence in Tulsa, and our service to northeastern Oklahoma, stretches all the back to 1957. We're proud to be a member of **the Tulsa community**, the University of Oklahoma family, a partner to several local organizations and institutes, and strong collaborators within the global education space. The Tulsa Campus also offers **OU Polytechnic Institute** classes and programs, as a part of Gallogly College of Engineering's continued commitment to northeast Oklahoma. Situated squarely in Tulsa's geographic center, we have deep community roots, but we're proud to serve as a launching point for graduates from across the globe. Many of OU-Tulsa's degree programs place **heavy emphasis on community engagement** – in fact, some of them were created with community needs in mind. Contributing to the needs of Tulsa and northeastern Oklahoma is woven into the fabric of everything we do.

OU-Tulsa has a long history in Tulsa, providing a world class education from the University of Oklahoma to students in Tulsa and the surrounding area for **more than 65 years**. This presence grew substantially in 1999 thanks to a generous gift from the Charles and Lynn Schusterman Family Foundation, which allowed OU to purchase **60 acres at the corner of 41st Street and Yale Avenue** to build a full, traditional campus.



CONTACT OU-TULSA

(918) 660-3474

admissions.tulsa@ou.edu

Administration Building 1C114

4502 E. 41st Street Tulsa, OK 74135-2512

ou.edu/tulsa/admissions



CERTIFICATES

BIOPROCESSING

The OU Bioprocessing Certificate Program provides students fundamental knowledge and skills through a combination of coursework and advanced hands-on laboratory experience at the OU Bioprocessing Core Facility, providing them with transferable skills eagerly sought in the biotech industry.

ou.edu/coe/research/centers/bioprocessing-core-facility/academics



DATA SCIENCE AND ANALYTICS CERTIFICATE

The OU Bioprocessing Certificate Program provides students fundamental knowledge and skills through a combination of coursework and advanced hands-on laboratory experience at the OU Bioprocessing Core Facility, providing them with transferable skills eagerly sought in the biotech industry.

ou.edu/coe/research/centers/bioprocessing-core-facility/academics



ENGINEERING LEADERSHIP CERTIFICATES

Students pursuing the Engineering Leadership Certificate will develop the skills necessary for effective and ethical leadership in professional practice. The curriculum combines required and elective engineering leadership courses with a broad selection of supporting electives in business, humanities, social sciences, physical sciences, and other fields. Certificate students are encouraged to participate in study abroad. Completion is noted on a student's transcript, providing tangible evidence of their leadership education.

ou.edu/coe/academics/certificate-programs

MEWBOURNE COLLEGE OF EARTH AND ENERGY

The Mewbourne College of Earth and Energy improves people's lives through research, education and service by studying Earth's past and present, developing new energy tools and resources, and creating geoscientists and engineers who work across disciplines to address some of society's most critical challenges.

SCHOOL OF GEOSCIENCES

The School of Geosciences is a leader in multidisciplinary studies of complex and dynamic geosystems and their impacts on society. Geosciences provides students with high-quality education and research opportunities with an emphasis on fundamental and applied geosciences. Our programs provide one-of-a-kind learning in a hands-on environment with some of the best faculty in their field of study, including field trips all over the country. In addition to the rigorous requirements of our programs, Geoscience students are actively involved in extracurricular activities, clubs and community outreach.

CAREER PATHS

GEOSCIENCE TECHNICIAN	Mewbourne Oil Co. Oklahoma City, OK
GEOLOGIST	Arcadis Tulsa, OK
ENGINEERING GEOLOGIST	WSP Anchorage, AK
ENGINEER	Boeing Oklahoma City, OK
TOPOGRAPHIC SURVEYOR	Kimley-Horn Dallas, TX

MEWBOURNE SCHOOL OF PETROLEUM AND GEOLOGICAL ENGINEERING

The Mewbourne School of Petroleum and Geological Engineering (MPGE) is one of the oldest academic programs at OU and, according to U.S. News and World Report, is ranked No. 3 in the nation. MPGE's rigorous and accredited curriculum prepares students for work in a far-reaching industry that supports much of the heartland. Students receive a firm foundation in contemporary oil and gas issues, extraction methods, engineering processes, resource-development, and advanced course work in the three primary petroleum engineering specializations.

CAREER PATHS

PETROLEUM ENGINEER	Mewbourne Oil Co. Lubbock, TX
GEOLOGIST	Shannon & Wilson, Inc. Seattle, WA
DRILLING ENGINEER	Devon Energy Oklahoma City, OK
ENGINEERING GEOLOGIST	ExxonMobil Spring, TX
PETROLEUM INDUSTRY	Cameron LNG Hackberry, LA



MAJORS

Environmental Geology
Geology
Geophysics
Paleontology
Petroleum Geology

MINOR

Geology

CONTACT GEOSCIENCES

(405) 325-3253

ou.edu/mcee/geosciences

MAJORS

GeoEnergy Engineering
Petroleum Engineering

Accelerated (5-year) Dual Degree Programs

B.S. & M.S. Petroleum Engineering

B.S. in Petroleum Engineering & M.B.A.

CONTACT MPGE

(405) 325-2921

ou.edu/mcee/mpge





STUDENT ORGANIZATIONS AND TECHNICAL SOCIETIES

The Gallogly College of Engineering has more than 60 student organizations that allow students to connect their interest areas to OU Engineering. These organizations represent specific student interests and include general College-wide organizations, industry-specific organizations, identity-based organizations, honor societies and competition teams.

ou.edu/coe/student-life/orgs

With over 60 student organizations, students have plenty of opportunities to engage with their peers. Many students will find organizations that interest them at the annual Fall Fest, which happens the first Friday of the Fall semester.



SEED Ambassadors teach students about engineering at event.

SEED OUTREACH AMBASSADORS

Sooner Engineering Education Center (SEED) Ambassadors create and lead hands-on STEM activities for preK-12 students, inspiring them to become the next generation of great Oklahoma engineers and scientists.

Exposing more students across the state to STEM is important at OU Engineering. Each year, our SEED Ambassador team reaches over 5,000 students through on- and off-campus activities. Students are welcome to apply to become SEED Ambassadors starting in the spring of their first-year. Any student who is passionate in broadening engineering access is encouraged to apply.

ou.edu/coe/explore/k-12-outreach

ENGINEERING PATHWAYS MENTORS

EP Mentors provide each new engineering student the opportunity to engage with a network of trained peer mentors. Entering an engineering curriculum is an opportunity for learning and growth for all students; these opportunities can range from the academic to the social, even to navigating college life in general. Mentors partner with new engineering students to share the knowledge and skills they have gained through their college experience, create connections with student organizations and the broader engineering community, and introduce invaluable campus and community resources.

ou.edu/coe/student-life/ep_mentors

E-1 COUNCIL

E-1 Council is an organization designed to give first-year engineering students a voice in creating events specific to them, while also giving them leadership experience they can immediately apply to their engineering coursework. With support from a dedicated faculty and staff member, and with Engineers' Club, the oldest student organization in the College, these students create, plan, and execute different events throughout the year.



SOONER BORN. SOONER BRED.
SOONER HIRED.

CAREER CENTER

The Career Center works with engineering majors in the areas of career exploration, career development, internships and co-ops, and professional development. Each year, OU Engineering hosts two career fairs – our Fall Engineering Job and Internship Fair and our Spring Oklahoma Engineering Futures Fair – are attended by companies looking for both internships and full-time positions. Through a digital recruiting platform, students can access an online job board with more than 1,000 engineering-specific posts a year.

The Career Center has a dedicated liaison to OU Engineering, which gives our students a “go-to” person that can help with resumes, elevator pitches, and more. Plus, many of our corporate partners host events throughout the year helping students hone their professional skills.

EMPLOYMENT POST-GRADUATION

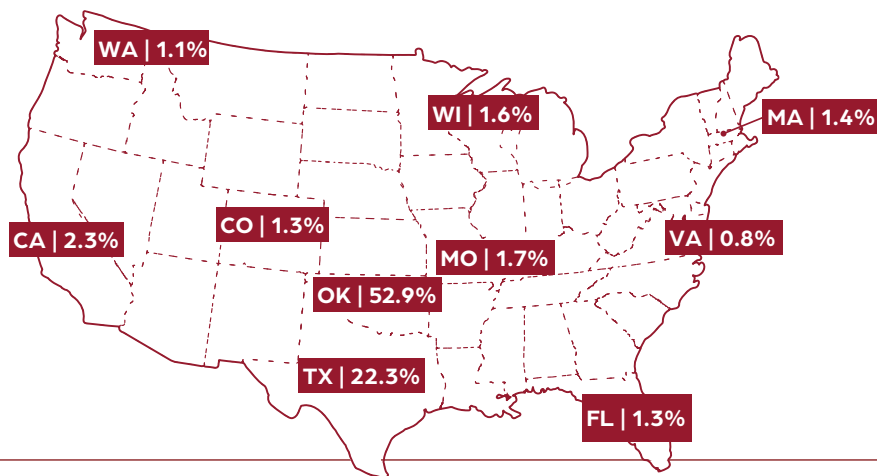
Employment post-graduation is important as it provides financial at the beginning stability, facilitates professional growth and career advancement, ensures industry relevance, fosters valuable networks, and contributes to personal satisfaction. It is a significant milestone in the transition from education to

ENGINEERING SALARY INFORMATION

What is an engineering degree worth? Year after year, engineering jobs are paid the highest average starting salary. According to the U.S. Bureau of Labor Statistics (BLS) engineers have a median annual wage of \$104,180 and the engineering field projects to have employment growth of 6 percent from 2020 to 2030—nearly 146,000 new jobs over the next decade.

One thing is certain: engineers will continue to play a major role in shaping the world of tomorrow. The bottom line: it is well worth the time and effort it takes to become an engineer. So how much do engineers make?

ou.edu/coe/explore/futurestudents/salary



EMPLOYMENT BY LOCATION

Students reported hires from 39 states and 5 countries. Fifteen of the states were each less than 2% each, as well as the additional countries.

Countries:

Source: The University of Oklahoma Career Center
Employment Post-Graduation Fall 2022–Summer 2025



FACILITIES

The Gallogly College of Engineering has buildings in multiple locations that include the main campus (also known as the Engineering Quad), the south research campus, the north research campus and OU-Tulsa. The list that follows lists those facilities located on the Norman campus.

THE QUAD

CARSON ENGINEERING CENTER

202 West Boyd Street

Houses the School of Industrial and Systems Engineering, School of Civil Engineering and Environmental Science and the Office of the Dean.

DEVON ENERGY HALL

110 West Boyd Street

Home to the School of Computer Science and the School of Electrical and Computer Engineering.

ENGINEERING LAB

200 Felgar Street

Contains research and computer labs and the University's Information Technology Operations Center.

EXXONMOBIL LAWRENCE G. RAWL ENGINEERING PRACTICE FACILITY

850 South Jenkins Avenue

This student-focused facility provides bay practice space, bench labs, a student machine shop, robotics space, student leadership center and our Office of Outreach and Recruitment (your tour will start from here)!

FELGAR HALL

865 Asp Avenue

Houses the School of Aerospace and Mechanical Engineering, Engineering Pathways and Williams Student Services Center.

GALLOGLY HALL

173 Felgar Street

The newest addition to the Engineering Quad, it houses the Stephenson School of Biomedical Engineering and the Engineering Learning Center.

SARKEYS ENERGY CENTER

100 East Boyd Street

Houses the School of Sustainable Chemical, Biological and Materials Engineering, the Youngblood Energy Library, and the Mewbourne College of Earth and Energy.

The Gallogly College of Engineering is breaking ground on a next generation Engineering Research Building, which will offer materials energy, computational, and bioprocessing lab spaces, and will be a hub for research based learning for all students in the College.

OTHER FACILITIES

› FEARS LAB

Fears Lab hosts structural engineering and structural mechanics research efforts at the University of Oklahoma. It was the first research facility on OU's South Research Campus.

› ADVANCED RADAR RESEARCH CENTER

The Advanced Radar Research Center (ARRC) is the largest academic radar program in the nation. They are focused on developing cutting-edge radar technology for both scientific discovery and commercial needs.

› ADVANCED MANUFACTURING LAB

The lab houses two GE M2 Series 5 Metal 3D printers: one machine for stainless steel and the other for titanium alloys. These state-of-the-art 3D printers assist OU faculty and students with designing and meeting the most critical requirements of the highly regulated military and aerospace industry. The lab also maintains cross-cutting equipment for testing parts, digital twin, CAD modeling, precision cutting and polishing, and more.

GALLOGLY COLLEGE OF ENGINEERING CONTACTS

GALLOGLY COLLEGE OF ENGINEERING

engineering.ou.edu

FUTURE STUDENTS

ou.edu/coe/explore/futurestudents

(405) 325-3164 | goengineering@ou.edu

WILLIAMS STUDENT SERVICES CENTER

ou.edu/coe/academics/advising

(405) 325-4096 | coewssc@ou.edu

ACADEMIC STUDENT SUPPORT

ou.edu/coe/academics/student-support

GCOE DEGREE PROGRAMS

ou.edu/coe/academics/degree-programs

LAPTOP INFORMATION

ou.edu/coe/resources/tech

GENERAL INFORMATION

ADMISSIONS AND RECRUITMENT

go2.ou.edu

GENERAL CATALOG

ou-public.courseleaf.com

EDUCATION ABROAD

studyabroad.ou.edu

TRANSFER EQUIVALENCIES

go2.ou.edu/will-it-transfer

STUDENT FINANCIAL CENTER

ou.edu/sfc

CAREER CENTER

ou.edu/career

SOONER ATHLETICS

soonersports.com

COMPUTER HELP

ou.edu/ouit/help

HOUSING

ou.edu/housingandfood



QUESTIONS?

DALTON BRASINGTON, M.A., M.P.S.

Executive Director
Outreach and Recruitment
dbrasington@ou.edu
(405) 325-3445

Follow OU Engineering on
Social Media to stay up to date!



@EngineeringAtOU

WHY YOU BELONG AT THE UNIVERSITY OF OKLAHOMA

The University of Oklahoma, fosters an inclusive culture of respect and civility, belonging, and access, which are essential to our collective pursuit of excellence and our determination to change lives. The unique talents, perspectives, and experiences of our community enrich the learning, and working environment at OU, inspiring us to harness our innovation, creativity, and collaboration for the advancement of people everywhere.

OU EQUAL OPPORTUNITY STATEMENT

The University of Oklahoma, in compliance with all applicable federal and state laws and regulations, does not discriminate on the basis of race, color, national origin, sex, sexual orientation, genetic information, gender identity, gender expression, age, religion, disability, political beliefs, or status as a veteran in any of its policies, practices, or procedures. This includes, but is not limited to: admissions, employment, financial aid, housing, services in educational programs or activities, or health care services that the University operates or provides.

LAND ACKNOWLEDGMENT STATEMENT

Long before the University of Oklahoma was established, the land on which the University now resides was the traditional home of the "Hasinai" Caddo Nation and "Kitikiti'sh" Wichita & Affiliated Tribes.

We acknowledge this territory once also served as a hunting ground, trade exchange point, and migration route for the Apache, Comanche, Kiowa and Osage nations.

Today, 39 tribal nations dwell in the state of Oklahoma as a result of settler and colonial policies that were designed to assimilate Native people.

The University of Oklahoma recognizes the historical connection our university has with its indigenous community. We acknowledge, honor and respect the diverse Indigenous peoples connected to this land. We fully recognize, support and advocate for the sovereign rights of all of Oklahoma's 39 tribal nations. This acknowledgment is aligned with our university's core value of creating a diverse and inclusive community. It is an institutional responsibility to recognize and acknowledge the people, culture and history that make up our entire OU Community.

COST DISCLOSURE STATEMENT

This publication, printed by OU Printing Services, is issued by the University of Oklahoma Gallogly College of Engineering Office of Outreach and Recruitment. 3,000 copies have been prepared and distributed at no cost to the taxpayers of the State of Oklahoma.

GCoE Undergraduate Recruitment Brochure. July 2026

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 ENGINEERING