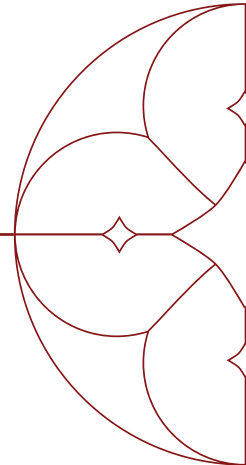




SCHOOL OF SUSTAINABLE CHEMICAL, BIOLOGICAL AND MATERIALS ENGINEERING



Today's society demands innovation in materials, healthcare, energy, air quality, water purity, and food production. Chemical engineers are at the forefront of developing novel technologies to tackle these challenges—from molecular simulations to growing nanotubes in a lab to delivering large-scale solutions and every step in between. At OU, our research teams are publishing papers and securing patents to lead the way in many of these areas. Our professors are world-renowned, and our alumni are found around the globe. For a Sooner, changing lives doesn't just happen on campus—it happens all over the world!

BY THE NUMBERS

\$78,186

Average starting salary for
OU SCBME graduates

10:1

Student to Faculty Ratio

\$3.5 Million

Endowment for student
scholarships

MAJORS

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

Accelerated (5-year)

Dual Degree Programs

B.S./M.S. Chemical Engineering



Paige Frey (left), Kylie Foster (middle), and Dr. O'Rear test a blood flow system.

CONTACT US

(405) 325-5811
Sarkeys Energy Center, Rm. T-301
www.ou.edu/coe/scbme
For general questions:
goengineering@ou.edu

“OU has provided me with such a well-rounded education, allowing me to feel confident solving any problem I may face. Over the course of my degree, I also had the privilege of making connections that have truly changed my life for the better.”

– Paige Frey, SCBME Class of 2023



THINGS TO KNOW

1 Chemical Engineering is a dynamic discipline driving change in all engineering fields, especially through rapid developments in bioengineering, nanotechnology, energy, and sustainability.

2 Graduates are largely responsible to produce energy, the purification of water and air, and the development of products involving chemical reactions from either waste materials or raw materials found in our land and oceans.

3 Chemical engineers work in manufacturing, electronic and advanced materials, energy production, pharmaceuticals, healthcare, design of industrial plants, pulp and paper, petrochemicals, food processing, specialty chemicals, microelectronics, polymers, business services, biotechnology, and environmental health and safety industries, among others.



Liquid nitrogen ice cream made by ChevronPhillips mentors.

SELECT COURSES

Reaction Engineering
Separation Processes
Chemical Engineering Thermodynamics
Process Dynamics and Control
Transport Phenomena
Structures & Properties of Materials

SCBME STUDENT ORGANIZATIONS

American Institute of Chemical Engineers (AIChE)
Society of Plastic Engineers (SPE)
Chem-E Car Team
+ over 40 engineering student organizations

CAREER PATHS

DOW Houston, TX
Materials Coordinator

PepsiCo Plano, TX
Supply Chain Analyst

ThermalTech Engineering Cincinnati, OH
Design/Analysis - Controls Engineer

Samsung Austin Semiconductor Austin, TX
CORP Engineer

Valero Energy Corporation Benicia, CA
Environmental Engineer



Graduating class of 2023.