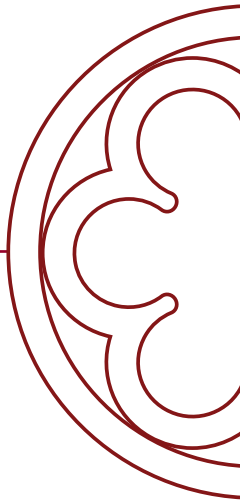




STEPHENSON SCHOOL OF BIOMEDICAL ENGINEERING



The biomedical engineering program at the University of Oklahoma offers a supportive, hands-on learning environment where students explore the intersection of engineering, medicine, and innovation. Through collaborative design experiences, faculty mentorship, and opportunities for research and clinical exposure, students develop the technical knowledge and problem-solving skills needed to address complex healthcare challenges. Students gain experience applying engineering principles to improve medical devices, diagnostic tools, rehabilitation technologies, and patient care systems. With access to state-of-the-art facilities and interdisciplinary learning opportunities, biomedical engineering students are prepared to make meaningful contributions to healthcare while growing as innovative engineers, researchers, and leaders.

BY THE NUMBERS

16:1

Student to Faculty Ratio

\$72,000

Average starting salary for
OU BME graduates

60%+

Continue education
post-graduation

MAJORS

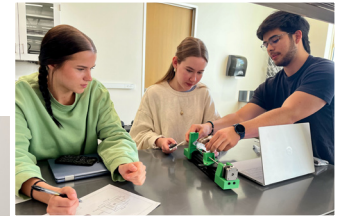
Biomedical Engineering

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

B.S./M.S. Biomedical Engineering



A biomedical engineering student conducts laboratory research, gaining hands-on experience.



First-year BME students measure components and use engineering drawings to guide updates to a syringe pump design.

CONTACT US

(405) 325-5453

Gallogly Hall, Rm. 101

www.ou.edu/coe/sbme

For general questions:

goengineering@ou.edu

“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



THINGS TO KNOW

1 Students are prepared for careers in the biomedical engineering workforce and beyond through hands-on design projects addressing real-world healthcare challenges. Students build skills in problem-solving, teamwork, project management, and medical device design, with opportunities for internships and clinical exposure that support pathways in industry, medical school, healthcare professions, graduate study, and other professional fields.

2 Students can participate in research opportunities that provide hands-on experience and deeper insight into the field of biomedical engineering. Undergraduate students work alongside BME faculty on translational research projects in collaboration with the OU Health campus, applying engineering principles to real-world healthcare challenges. Research areas include cancer, diabetes, neuroscience, medical imaging, nanomedicine, and musculoskeletal medicine.

3 Faculty are highly engaged and work closely with students to support their success through advising, mentorship, and extracurricular engagement. Students are encouraged to pursue internships, clinical shadowing, research, and other experiences that help them explore their interests and goals.



BME students gain practical lab experience as they culture and analyze cell growth in a junior-level course.

SELECT COURSES

Bioelectricity
Biomaterials
Molecular, Cellular, and Tissue
Biomedical Instrumentation
Biomechanics

SBME STUDENT ORGANIZATIONS

Biomedical Engineering Society (BMES)
Prosthetics Club
+ over 60 engineering student organizations

CAREER PATHS

Gener8 Woburn, MA

Biomedical Engineer

OU College of Medicine Oklahoma City, OK

Medical Student

Medtronic Dallas, TX

Clinical Specialist

Epic Systems Madison, WI

Technical Solutions Engineer

Cytovance Biologics Oklahoma City, OK

Process Development Associate



OU BME students earned first and third place at the national Medical Device Make-A-Thon—demonstrating creativity, teamwork, and technical skill.