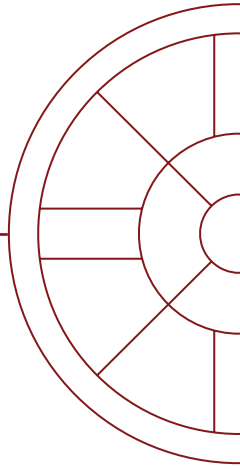




STEPHENSON SCHOOL OF BIOMEDICAL ENGINEERING



Being a student in the Stephenson School of Biomedical Engineering 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. The vision of the Stephenson School is educating the next generation of biomedical engineers by creating new technologies that advance human health.

BY THE NUMBERS

24:1

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



Students present their design project in the first year BME design course.



Students working together to design a prototype for their capstone project.

“The Biomedical Engineering program is one of the best programs at OU. I gained valuable experience through outreach events, networking opportunities, and undergraduate research programs. Students get to know their instructors on a deeper level, which further improves professional development and networking opportunities. Ultimately, the immersive programs, interactive courses, and friendly faculty help prepare students for their future prospects, including areas like graduate school, medical school, and industry.”

– Hamilton Young, BME Class of 2024, 2023 Astronaut Scholar

CONTACT US

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Terms to Know

Major—Primary area of study
Minor—Complimentary area of specialization

B.S.—Bachelor of Science
M.S.—Master of Science

M.B.A.—Master of Business Administration
M.E.S.—Master of Environmental Science



THINGS TO KNOW

1 Undergraduate students can work on research projects with faculty. We collaborate closely in translational research with OU Health Sciences Center and the Oklahoma Medical Research Foundation. Research strengths include cancer, diabetes, neuroscience, imaging, nanomedicine, and musculoskeletal medicine.

2 Our design projects provide students with the opportunity to solve real-world healthcare problems from physicians and industry by developing creative solutions and designing prototypes. Students partake in various design projects throughout the curriculum, culminating with a team-based capstone project.

3 Our faculty are highly engaged and are co-conspirators of student success within and outside of the classroom. One-on-one career advising with faculty and the pursuit of extracurricular opportunities, including internships and clinical shadowing, helps students explore the breadth of career paths in industry, clinical medicine, academia, and beyond.



Students visited Medtronic, a medical device company, to compete in a design competition

SELECT COURSES

- Bioelectricity
- Biomaterials
- Molecular, Cellular, and Tissue
- Biomedical Instrumentation
- Biomechanics

SBME STUDENT ORGANIZATIONS

- Biomedical Engineering Student Affairs (BESA)
- Biomedical Engineering Society (BMES)
- + over 40 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



First year BME students work together to create a prototype for their design project