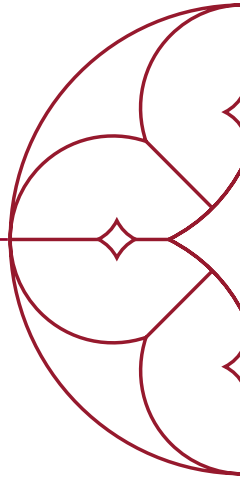




# STEPHENSON SCHOOL OF BIOMEDICAL ENGINEERING



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

**20:1**

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



First year BME students design, build, and test medical device prototypes — like this syringe pump built in their first-year course.

Senior BME students apply knowledge to design and build a functional prototype for their team-based capstone project.

“ Studying biomedical engineering at OU was an incredibly rewarding experience, thanks to the supportive and driven community of faculty, staff, and students. It was easy to get involved in research, leadership, or service, and I always felt encouraged in any new endeavors I pursued. The program helped me grow as a student, an engineer, and a leader, and provided the foundation for my future endeavors. I am grateful for the opportunities I had and the ability to help create new opportunities for others during my time in the program.”

— Luke Pauli, Biomedical Engineering, Class of 2025,  
2025 National Science Foundation Fellow

## 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 to gain hands-on experience in and explore biomedical engineering. 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 clinicians, industry, and community partners 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 collaborate closely with students to support their success both in and out of the classroom. One-on-one career advising with faculty and the pursuit of extracurricular opportunities, including internships and clinical shadowing, help students explore the many career paths in industry, clinical medicine, academia, and beyond.



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.