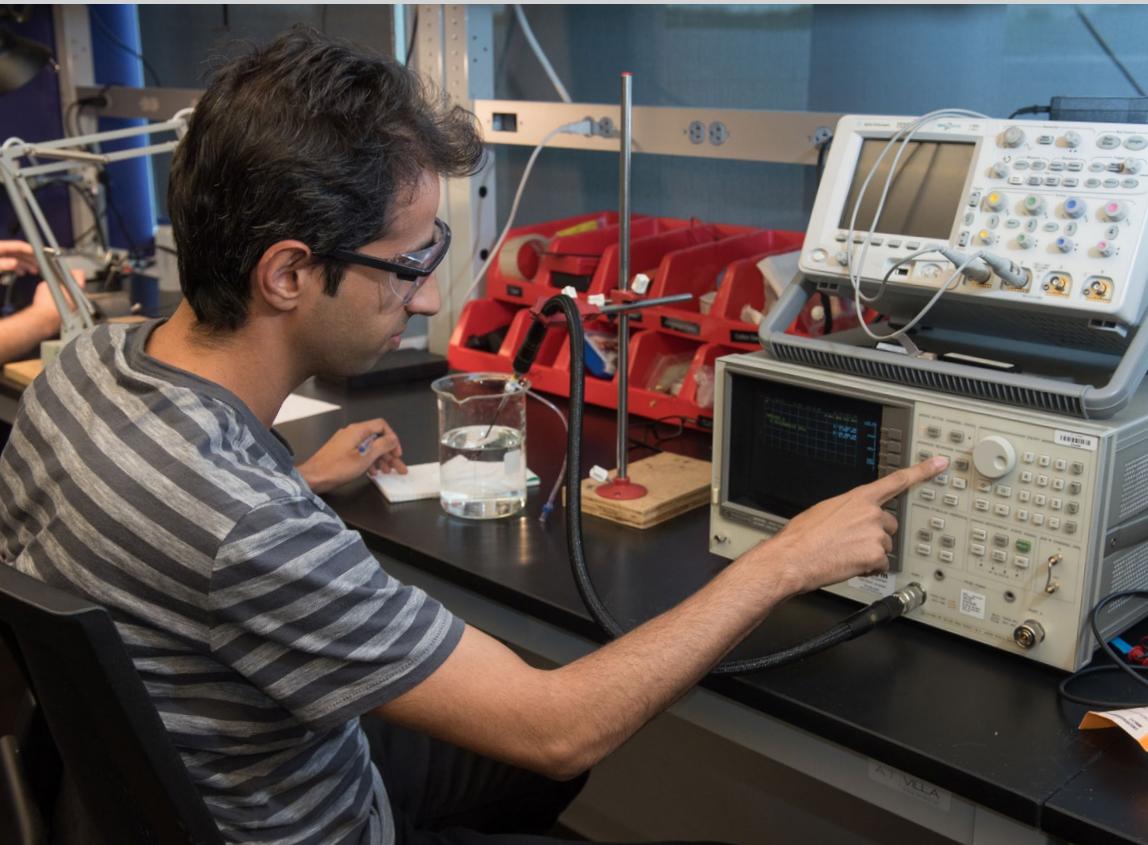


Biomedical Engineering

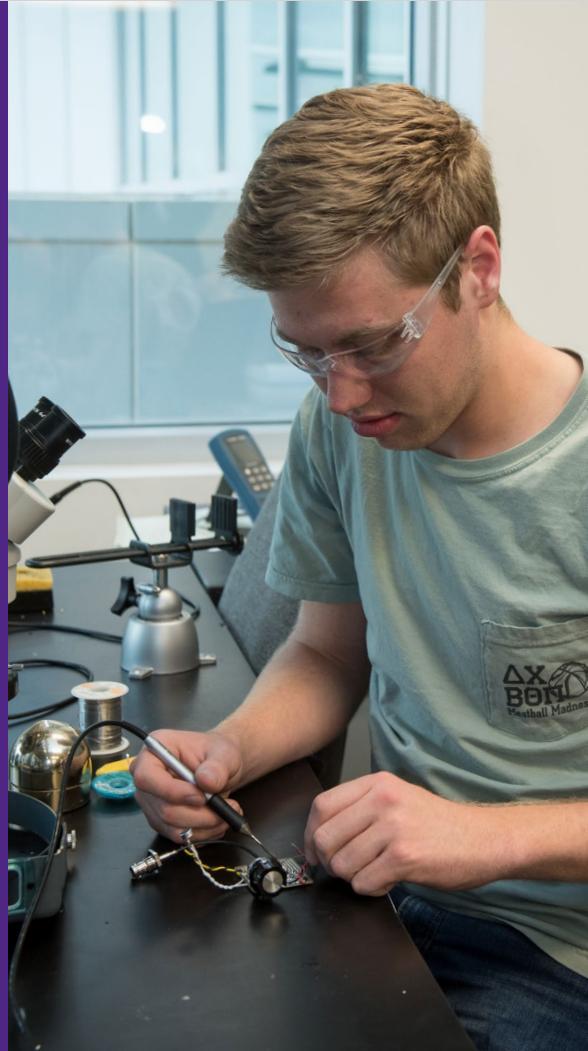


COLLEGE OF
K-STATE | ENGINEERING

Biomedical Engineering (BME)

Top reasons to choose biomedical engineering as your major

- Biomedical engineering applies engineering principles to design challenges faced by the medical and life science communities. Students who enter this program will seek a career with significant societal impact.
- Biomedical engineering graduates are in high demand not only in Kansas and the Midwest, but nationally and internationally. According to the U.S. Bureau of Labor Statistics, the job outlook for biomedical engineers is projected to grow nationally by more than 20 percent from 2014-24.
- Biomedical engineering is the third-fastest-growing career in the country according to the U.S. Bureau of Labor Statistics.
- A biomedical engineering degree at K-State provides the breadth and depth to allow graduates to enter the biomedical industry; or pursue a graduate degree in engineering, or an advanced degree in a medical or health field.



Program overview

- Biomedical engineering is a brand new undergraduate program, founded on a 40-year tradition of the bioengineering specialty in electrical and computer engineering.
- The 133-credit-hour biomedical engineering curriculum incorporates 106 credit hours of core courses with 27 credit hours of technical electives that comprise an area of emphasis.
- Courses are taught by award-winning faculty and staff with extensive biomedical engineering backgrounds.
- The biomedical engineering program will seek ABET accreditation according to its process and guidelines for new engineering programs.



Why biomedical engineering at K-State?



Areas of emphasis

- Biomedical sensors and devices
- Biomedical computation

Numbers that count

- Average starting salary: \$62,720
- Faculty: 13

Student experience

- Small in-major classes are taught by award-winning faculty who combine classical theory with real-world applications and projects, offering students the understanding and experience necessary to become successful engineers.
- Modern lab facilities enhance and reinforce key theories taught in the classroom and equip each student with the skills required for a career in biomedical engineering.
- Many opportunities exist to get involved in cutting-edge research, student organizations and competition design teams.
- Our family-like atmosphere starts with faculty and staff and extends to our students.
- Biomedical engineering has one of the highest percentages of female students in any engineering field.
- Biomedical engineering offers an exceptional career outlook, including internship and full-time opportunities.

Major employers

- Biomedical Devices of Kansas
- Cardiovascular Imaging Technologies
- Cerner
- Garmin
- GE
- Intel
- Medtronic
- National Instruments
- RBC Medical Innovations
- Stowers Institute for Medical Research
- Other Midwest biomedical institutions

Student organizations and design teams

- Electronics Club
- IEEE Engineering in Medicine and Biology Society
- IEEE Student Chapter
- Robotics Team
- Women in ECE
- Various K-State pre-health clubs



Learn more at
ece.k-state.edu

Electrical and Computer Engineering
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Notice of Nondiscrimination

Kansas State University is committed to nondiscrimination in admissions, programs and employment. Inquiries and complaints: Contact Director of Institutional Equity, Kansas State University, 103 Edwards Hall, Manhattan, KS 66506-4801, (Phone) 785-532-6220; (TTY) 785-532-4807.

Post-Graduation Statistics

k-state.edu/postgrad-stats
ksdegreestats.org