

BIOMEDICAL ENGINEERING (BME)

BME 1421. Intro to BME. 1 Credit Hour.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 2333. BME Fundamentals. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 2433. Circuits and Systems for BME. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 2970. Special Topics/Seminar. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 3111. Bioimaging Lab. 1 Credit Hour.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 3113. Bioimaging. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 3121. Biotransport Lab. 1 Credit Hour.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 3123. Biotransport. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 3131. Bioelectricity Lab. 1 Credit Hour.

Course Type: Lecture

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BME 3133. Bioelectricity. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 3141. Biomechanics Lab. 1 Credit Hour.

Course Type: Lecture

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BME 3143. Biomechanics. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 3151. Molecular Cellular Tissue Lab. 1 Credit Hour.

Course Type: Lecture

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BME 3153. Molecular Cellular & Tissue. 3 Credit Hours.

Course Type: Lecture

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BME 3161. BME Micro-/Nano-Technology Lab. 1 Credit Hour.

Course Type: Lecture

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BME 3163. BME Micro-/Nano-Technology. 3 Credit Hours.

Course Type: Lecture

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BME 3171. BME Lab 1. 1 Credit Hour.

Course Type: Lecture

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BME 3181. BME Lab 2. 1 Credit Hour.

Course Type: Lecture

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BME 3233. Biomaterials. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 3440. Mentored Research Experience. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 3531. Bioinstrumentation Lab. 1 Credit Hour.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 3533. Biomedical Instrumentation. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 3722. Numerical Methods in BME. 2 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 3823. Quantitative Physiology. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 3960. Honors Reading (HONORS). 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 3980. Honors Research (HONORS). 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 4050. Design Projects in Biomedical. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 4281. Engineering Co-Op Program. 1 Credit Hour.**Course Type:** Internship

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 4533. Neural Engineering. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 4713. BME Design I. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 4813. Quantitative Physiology. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 4823. BME Design II. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 4970. Special Topics/Seminar. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 4980. Senior Thesis. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 5123. Biophotonics Imaging Microscopy. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 5203. Bioengineering Principles. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 5213. Biomechanics I. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 5233. Biomaterials. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 5243. Biochemical Engineering. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 5283. ImmunoEngineering. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 5293. Transport-Biological Systems. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 5373. Tissue Engineering. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 5413. Nanomedicine. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 5533. Neural Engineering. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus.
For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 5853. Biomedical Signals and Systems. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus.
For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 5960. Directed Readings. 3 Credit Hours.**Course Type:** Lecture

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BME 5970. Special Topics/Seminar. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus.
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BME 5971. Seminar-Biomed Engr Research. 1 Credit Hour.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus.
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BME 5973. Special Topics in ECE. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus.
For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 5980. Research Master's Thesis. 6 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus.
For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 5990. Independent Study. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus.
For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 6960. Directed Readings. 3 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus.
For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 6980. Research Doctoral Dissertation. 16 Credit Hours.**Course Type:** Lecture

This course is facilitated by the University of Oklahoma Norman Campus.
For more information, please visit the OU Course Catalog (<https://ou-public.courseleaf.com/courses/>).

BME 6990. Independent Study. 3 Credit Hours.**Course Type:** Lecture

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