



Four-semester Schedules: Biomedical Engineering

Fall 2024, Spring 2025, Fall 2025, and Spring 2026

Fall 2024 Biomedical Engineering Courses

| Course | Section | Title | Instructor | Day/time | Modality |
|-----------|---------|--|-------------|-----------------------|-----------|
| BME 10100 | 1 | Introduction to Biomedical Engineering | Staff | Fri 11:00 – 11:50AM | In person |
| BME 22000 | 1 | Biomedical Engineering Tools, Biostatistics & Research Methods | S Fritton | Mo-We 9:30-10:45 AM | In person |
| BME 30500 | 1 | Dynamical Systems and Modeling | L Cardoso | Tu-Th 2:00- 3:15 PM | In person |
| BME 40500 | 1 | Biomedical Transducers and Instrumentation | M Bikson | Mo-We 12:30 - 2:30 PM | In person |
| BME 45000 | 1 | Biomedical Engineering Senior Design I | A. Carriero | Tu 11:00AM - 1:50PM | In person |
| | 2 | | R Ahmed | Tu 11:00AM - 1:50PM | In person |
| BME 50200 | 1 | Cell and Tissue Transport | B Fu | Tu-Th 3:30 - 4:45PM | In person |
| BME 50400 | 1 | Cell and Tissue Engineering | S Wang | Mo-We 12:30-1:45PM | In person |
| ENGR30000 | 1 | Impacts of Biomedical Engineering | S Nicoll | Tu-Th 9:30-10:45 AM | In person |

Spring 2025 Biomedical Engineering Courses

| Course | Section | Title | Instructor | Day/time | Modality |
|-----------|---------|--|--------------|---|-----------|
| BME 10100 | 1 | Introduction to Biomedical Engineering | Staff | Fri 11:00 – 11:50AM | In person |
| BME 10500 | 1 | Introduction to Programming for Biomedical Engineers | J Dmochowski | Fri 1:00-2:50 PM | In person |
| BME 20500 | 1 | Bioelectric Circuits | J Dmochowski | Mo 2:00 -4:45PM We 1:00 - 2:50PM | In person |
| BME 31000 | 1 | Experimental Methods in Biomedical Engineering | R Williams | Mo 1:00 - 1:50PM Fr 9:30AM - 12:30PM | In person |
| | 2 | | R Ahmed | Mo 1:00 - 1:50PM Mo 2:00 – 5:00PM | In person |
| BME 46000 | 1 | Biomedical Engineering Senior Design II | A. Carriero | Tu 11:00AM - 1:50PM | In person |
| | 2 | | R Ahmed | Tu 11:00AM - 1:50PM | In person |
| BME 50100 | 1 | Cell and Tissue Mechanics | S Fritton | Tu-Th 9:30-10:45 AM | In person |

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| BME 50300 | 1 | Cell and Tissue Biomaterials Interactions | S Nicoll | Mo-We 9:30-10:45 AM | In person |
| BME 50500 | 1 | Image and Signal Processing in Biomedicine | L Parra | Tu-Th 11:00AM-12:15PM | In person |

Fall 2025 Biomedical Engineering Courses

| Course | Section | Title | Instructor | Day/time | Modality |
|---------------|----------------|--|-------------------|-----------------------|-----------------|
| BME 10100 | 1 | Introduction to Biomedical Engineering | Staff | Fri 11:00 – 11:50AM | In person |
| BME 22000 | 1 | Biomedical Engineering Tools, Biostatistics & Research Methods | S Fritton | Mo-We 9:30-10:45 AM | In person |
| BME 30500 | 1 | Dynamical Systems and Modeling | L Cardoso | Tu-Th 2:00- 3:15 PM | In person |
| BME 40500 | 1 | Biomedical Transducers and Instrumentation | M Bikson | Mo-We 12:30 - 2:30 PM | In person |
| BME 45000 | 1 | Biomedical Engineering Senior Design I | S Wang | Tu 11:00AM - 1:50PM | In person |
| | 2 | | R Ahmed | Tu 11:00AM - 1:50PM | In person |
| BME 50200 | 1 | Cell and Tissue Transport | B Fu | Tu-Th 3:30 - 4:45PM | In person |
| ENGR30000 | 1 | Impacts of Biomedical Engineering | S Nicoll | Tu-Th 9:30-10:45 AM | In person |

Spring 2026 Biomedical Engineering Courses

| Course | Section | Title | Instructor | Day/time | Modality |
|---------------|----------------|--|-------------------|---|-----------------|
| BME 10100 | 1 | Introduction to Biomedical Engineering | Staff | Fri 11:00 – 11:50AM | In person |
| BME 10500 | 1 | Introduction to Programming for Biomedical Engineers | J Dmochowski | Fri 1:00-2:50 PM | In person |
| BME 20500 | 1 | Bioelectric Circuits | J Dmochowski | Mo 2:00 -4:45PM We 1:00 - 2:50PM | In person |
| BME 31000 | 1 | Experimental Methods in Biomedical Engineering | R Williams | Mo 1:00 - 1:50PM Fr 9:30AM - 12:30PM | In person |
| | 2 | | R Ahmed | Mo 1:00 - 1:50PM Mo 2:00 – 5:00PM | In person |
| BME 46000 | 1 | Biomedical Engineering Senior Design II | S Wang | Tu 11:00AM - 1:50PM | In person |
| | 2 | | R Ahmed | Tu 11:00AM - 1:50PM | In person |
| BME 50100 | 1 | Cell and Tissue Mechanics | S Fritton | Tu-Th 9:30-10:45 AM | In person |
| BME 50300 | 1 | Cell and Tissue Biomaterials Interactions | S Nicoll | Mo-We 9:30-10:45 AM | In person |

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|-----------|---|--|---------|-----------------------|-----------|
| BME 50500 | 1 | Image and Signal Processing in Biomedicine | L Parra | Tu-Th 11:00AM-12:15PM | In person |
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