B.S. Biomedical Engineering Prerequisite Flowchart

Fall 1st Year
- EH101 English Composition I (3)
- CH15/116 General Chemistry I (4)
- MA 125 Calculus I (4)
- ME 102 Engineering Graphics (2)
- EGR 110 Introduction to Engineering I (1)

Spring 1st Year
- EH102 English Composition II (3)
- CH117/118 General Chemistry II (4)
- MA126 Calculus II (4)
- ME 102 Engineering Graphics (2)
- EGR 111 Introduction to Engineering II (1)

Fall 2nd Year
- MSE 280 Engineering Materials (3)
- BY 123 Introductory Biology (4)
- MA260 Introduction to Linear Algebra (3)
- PH 221 General Physics I (4)
- EE 312 Electrical Systems (3)

Spring 2nd Year
- BME 210 Engineering in Biology (3)
- BY 210 Genetics (3)
- EGR 285 Computer Methods in Engineering (3)
- CE 210 Statics (3)

Fall 3rd Year
- BME 310 Biomatetials (3)
- BME 409 Principles of Human Physiology (4)
- BME 312 Biocomputing (3)
- BME 313 Biomedical Signal Processing (3)
- ME 215 Dynamics (3)

Spring 3rd Year
- BME 350 Biological Transport Phenomena (3)
- BY 409 Principles of Human Physiology (4)
- BME 423 Living Systems Analysis (3)
- BME 323 Biomechanics of Solids (3)
- BME 340 Biomaging (3)

Fall 4th Year
- BME 401 Seminar (1)
- BME 408 Capstone Design I: Prod. Development (3)
- BME 499 Capstone Design II (3)
- BME 4xx Elective (3)

Spring 4th Year
- HFA/SBS (3)
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Prerequisite
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Corequisite
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Connection
Crossing

Rev 5.2