Bachelor of Science in BIOMEDICAL ENGINEERING PROGRAM Curriculum (132 Credits)

FRESHMAN
- Fall Semester (15)
  - COM 1103 College Composition
  - LLT1213 World Masterpieces 1
  - MCS 1414 Calculus 1
  - BIO 1213 Biology 1 & Lab
  - BIO 1221
  - EGE1001 Fund. of Eng. Design Projects
- Spring Semester (17)
  - BME1201 Comp. Graph. Lab
  - BME1002 Intro. to BME
  - BME 1202 Comp. App. Lab

SOPHOMORE
- Fall Semester (18)
  - COM 2103 Tech. & Prof. Communication
  - MCS 2414 Calculus 2
  - PHY 2413 Univ. Phys. 1 & Lab
  - PHY 2421
  - CHM 1213 Univ Chem 1 & Lab
  - CHM 1221
  - CHM 2103 Gen., Org. & Biochem & Lab
  - CHM 2101
  - EGE 2123 Entrpnl. Eng. Design Studio
- Spring Semester (16)
  - COM 2423 World Masterpieces 2
  - MCS 2414 Calculus 3
  - MCS 2423 Differential Equations
  - PHY 2423 Univ. Phys. 2 & Lab
  - PHY 2431
  - EGE 2123 Circuits & Electronics
  - EGG 213 Statics

JUNIOR
- Fall Semester (18)
  - SSC 2413 Foundations Am. Experience
  - LLT 1223 World Masterpieces 2
  - MCS 2423 Probability & Statistics
  - EGE 3022 LDrlshp. & Prof. Dev. for Eng.
  - BME 3113 Wearable Tech
  - BME 4013 Projects 1
  - BME 4022 Projects 2
  - EGG 213 Statics
- Spring Semester (17)
  - COM 3000 Writing Proficiency Exam
  - SSC 2423 Development Am. Experience
  - EGE 3012 Engineering Cost Analysis
  - BME 3002 Biomed. Elective
  - BME 3103 Biomed. Biodesign & Lab
  - BME 4113 Medical Devices
  - BME 4303 Tissue Eng.
  - BME 4401 Biomedical Imaging

SENIOR
- Fall Semester (16)
  - BME 1203 Comp. Graph., Lab
  - BME 1002 Intro. to BME
  - BME 1202 Comp. App. Lab
  - EGG 213 Statics
- Spring Semester (15)
  - BME 3103 Biomed. Biodesign & Lab
  - BME 4113 Medical Devices
  - BME 4303 Tissue Eng.
  - BME 4401 Biomedical Imaging

KEY
- Pre-requisite
- Co-requisite
- BME Courses
- Engineering Courses
- Math Courses
- Science Courses
- Humanities Courses

Note:
1. Sophomore standing required
2. Senior standing required and minimum of 12 credits from BME 3** courses
3. Note: Must be enrolled/have completed all BME 3** courses

Approved 5/10/2018