Bachelor of Science in BIOMEDICAL ENGINEERING PROGRAM Curriculum (132 Credits)  
Approved 5/10/2018

**FRESHMAN**  
Fall Semester (15)  |  Spring Semester (17)
---|---
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
BME1201  
Comp. Graph. Lab
BME 1202  
Comp. App. Lab

**SOPHOMORE**  
Fall Semester (18)  |  Spring Semester (16)
---|---
COM 2103  
Tech. & Prof. Communication
MCS 1424  
Calculus 2
CHM 1213  
Univ Chem 1 & Lab
CHM 1221
PHY 2413  
Univ. Phys. 1 & Lab
PHY 2421

**JUNIOR**  
Fall Semester (18)  |  Spring Semester (17)
---|---
COM 3000  
Writing Proficiency Exam
MCS 2414  
Differential Equations
BIO 3203  
Anatomy & Physiology & Lab
PHY 2423  
Univ. Phys. 2 & Lab
PHY 2431

**SENIOR**  
Fall Semester (16)  |  Spring Semester (15)
---|---
LLT 2223  
World Masterpieces 2
MCS 2423  
Probability & Statistics
EGE 3022  
Ldrshp. & Prof. Dev. for Eng.
BME 3113  
Wearable Tech or BME 4113 Medical Devices

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

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