Biomedical Engineering – Program Map

**Semester 1**
- Chem. I & Lab
  - CHEM:1110
- Math I
  - MATH:1550
  - ENGR:1100
- Rhetoric
  - RHET:1030
- Engr Success
  - First Year
  - ENGR:1000

**Semester 2**
- Chem. II & Lab
  - CHEM:1120
- Math II
  - MATH:1560
- Math III
  - MATH:2550
- Eng. Prob. Solv. II
  - ENGR:1300
- Physics I / Lab
  - PHYS:1611
- BME Forum
  - BME:1010

**Semester 3**
- Foundations of Biology
  - BIOL:1411
- Math IV
  - MATH:2560
- Statics
  - ENGR:2110
- Elec. Circuits
  - ENGR:2120
- Thermo
  - ENGR:2130
- BME Seminar
  - BME:2010

**Semester 4**
- Human Physiol.
  - HHP:3500
- Systems, Instrum., & Data Acquisition / Lab
  - BME:2200
- Bioimaging & Bioinformatics / Lab
  - BME:2210
- Bio- Materials / Mechanics & Lab
  - BME:2500
- Biostatistics
  - BIOS:4120
  or STAT:3510
- BME Seminar
  - BME:2010

**Semester 5**
- Cell Biology for Engr / Lab
  - BME:2110
- Track Requisite #1
- Physics II / Lab
  - PHYS:1612
- GEC
  - Elective #1
- GEC
  - Elective #2
- Leadership & Resourcefulness
  - BME:3010

**Semester 6**
- Track Requisite #2
- Track Elective #1
- Track Elective #2
- GEC
  - Elective #3
- GEC
  - Elective #4
- BME Design Seminar
  - BME:4010

**Semester 7**
- BME Design I
  - BME:4910
- Track Requisite #3
- Track Requisite #4
- Track Elective #3
- Track Elective #4

**Semester 8**
- BME Design II
  - BME:4920
- Track Elective #5
- Track Elective #6
- Track Elective #7
- GEC
  - Elective #5