**UNC BIOMEDICAL ENGINEERING UNDERGRADUATE PROGRAM**

**First Years and Sophomores**
- **CODA**
  - Change of Degree Application
- **MATH 231**
  - Calculus One Var. I
- **MATH 232**
  - Calculus One Var. II
- **PHYS 118**
  - Physics Mech/Relativity
- **CHEM 101/L**
  - General Chemistry I
- **ENGL 105**
  - Comp and Rhetoric
- **BIOL 101/L**
  - Principles of Biology

**Sophomores**
- **PHYS 119**
  - Physics E&M
- **MATH 233**
  - Calc. Several Var.
- **MATH 383/L**
  - Differential Equations
- **CHEM 102/L**
  - General Chemistry II
- **CHEM 261**
  - Intro to Organic Chem I

**Juniors**
- **BMME 298**
  - BME Design I
- **BMME 207**
  - BME Electronics
- **COMP 116**
  - Intro to Scientific Prog OR BME 201 Comp Methods in BME
- **BMME 205**
  - BME Mechanics
- **BMME 209**
  - Materials Science
- **BMME 302**
  - Human Phys: Mech

**Seniors**
- **BMME 398**
  - BME Design II
- **BMME 301**
  - Human Phys: Electrical
- **BMME 697**
  - Senior Design
- **BMME 698**
  - Senior Design

**4 SPECIALTY ELECTIVES**
- From one or two of the following areas:
  - Pharmacoengineering
  - Regenerative Medicine
  - Rehabilitation Eng
  - Biosignals and Imaging
  - Medical Microdevices

**STEM Elective**
- Extra Gateway or Specialty Elective or >300 STEM Course
  - Must be Engineering Elective if taking CHEM 430 as Gateway

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*BMME 698 has the same prerequisite courses as BMME 697 with a corequisite of 3 additional Gateway or Specialty Electives.*