BSE - BIME Program – Entering Classes of 2008-2009

**FRESHMAN**
- ICEE 1012 (2) Engineering Graphics
- ICEE 1014 (3) Intro to Engineering
- ICEE 2050 (3) Computing Applications in Engineering
- MATH 2151 (3) Calculus I
- MATH 2152 (3) Calculus II
- CHEM 1150/1151 (4) General Chemistry
- ENGL 1100 (3) Composition
- ENGL 1200 (3) Composition
- BIOL 1050/1051 or 1100/1101 (4)
- Social Sciences Elective (3)

**SOPHOMORE**
- ICEE 2070 (3) Materials and Processes
- ICEE 2022 (3) Statics
- PHYS 2350 (4) University Physics I
- PHYS 2360 (4) University Physics II
- CHEM 1160/1161 (4) General Chemistry
- MATH 2153 (3) Calculus III
- MATH 2154 (4) Calculus III
- MATH 2152
- MATH 2153
- CHEM 1150/1151
- CHEM 1160/1161
- ENGL 1200
- Humanities/Fine Arts Elective (2)
- Humanities/Fine Arts Elective (2)
- Human in Modern Society
- Life Time Physical Activity
- Micro
- Professional Ethics
- Social Sciences Elective (3)

**JUNIOR**
- ICEE 3004 (3) Dynamics
- ICEE 3024 (3) Mechanics of Materials
- ICEE 3014 (3) Circuit Analysis
- CHEM 2750/53 (4) Organic Chemistry
- BIME 3000 (3) Biomedical Engineering
- BIME 4200 (4) Biomedical Instrumentation
- Social Sciences Elective (3)
- Humanities/Fine Arts Elective (3)

**SENIOR**
- ICEE 3004 (3) Quality Systems Design
- ICEE 3012 (4) Thermal and Fluid Systems
- ICEE 3105 (3) Measurements and Instrumentation
- BIME 4040 (3) Physiological Systems
- BIME 4200 (4) Biomedical Instrumentation
- Social Sciences Elective (3)
- Humanities/Fine Arts Elective (3)

**Core Hours**
- Math/Science: 32 hours
- General: 31 hours
- Engineering: 40 core hours + 25 concentration hours

**Cumulative Credit Hours**
- Freshman: 15
- Sophomore: 16/31
- Junior: 17/48
- Senior: 17/65

**Note:** This chart is for planning purposes only. Consult your advisor and the catalog to ensure that all requirements are met.