Bioengineering for Pre-Med Students
Catalog Year 2019-2020
129 credit hours
(Additional hours for Pre-Med)

This flow chart is for planning purposes only. Be sure to check current prerequisites as well as course availability, both of which are subject to change as the curriculum is continuously improved.

Pre College
- Fall First year (15)
  - MAT 1033 Intermediate Algebra (3)
  - MAC 1105 College Algebra (3)
  - MAC 2311 Calculus I (4)
  - CHM 1045C Gen Chemistry w/Lab I (4)
  - ENC 1101 Composition I (3)
  - Humanities
    - STATE CORE (3)

First-year Fall
- PHY 2048C General Physics I (4) [Fa, Sp]
  - PHY 2049C General Physics II (4) [Fa, Sp]
  - MAP 2302 Differential Equations (3)
  - MAC 2312 Calculus II (4)
  - ENC 1102 Composition II (3)
  - Humanities
    - STATE CORE (3)

First-year Summer
- Prereq for

First-year Spring
- Prereq for

Second-year Fall
- Prereq for

Second-year Summer
- Prereq for

Second-year Spring
- Prereq for

Third-year Fall
- Prereq for

Third-year Spring
- Prereq for

Fourth-year Fall
- Prereq for

Fourth-year Spring
- Prereq for

Special Notes:
1. Please be aware classes may only be offered once a year.
2. Fa = Fall, Sp = Spring, Su = Summer and no notation means the course may be offered all terms.
3. Unless otherwise stated, a minimum grade of C is required for all courses.
4. Students should be aware of prerequisites for chosen technical electives.
5. Students should be sure one of their social science or humanities include 1 course that is designated with an attribute for College Level Writing Skills (CLWS) and 2 courses that are designated with an attribute for Intercultural Knowledge (INKN) competencies. Students should try to take the state core social science AMH 2020 or PDS 2041 to satisfy the Civic Literacy requirement. Please be aware that 1 course may satisfy multiple attributes.

Example: AMH 2010 = Humanities, College Level Writing, and Intercultural Knowledge (GEMM, CLWS, INKN)