Flow Chart - Bachelor of Science Degree in Biomedical Engineering (2020-21)

Tissue Engineering (TE) Concentration

Prerequisite

- Students in Pre-Professional Program must complete all Sci/Eng/Math courses (not including statistics), BE 3415, 3320, ENGL 1301 and COMS 2302 prior to taking any Professional Program courses. Admission to Professional Program is required to take any Professional Program courses.

Pre-professional Program

1st Yr
- Fall Sem
  - 18 hrs
- Spr Sem
  - 18 hrs

2nd Yr
- Fall Sem
  - 17 hrs
- Spr Sem
  - 17 hrs

3rd Yr
- Fall Sem
  - 15 hrs
- Spr Sem
  - 15 hrs

4th Yr
- Fall Sem
  - 15 hrs
- Spr Sem
  - 12 hrs

Professional Program

BE 4382 Lab Principles

or concurrent

BE 4380 Human Physio in BE

BE 4368 or BE 4364 or BE 4372 (Choose one)

BE 4317 Linear Systems in Bioengineering

POL 2311 U.S. Government

BE Tech Elec Approved by UG Advisor

BE 3310 or BE 4312 (Choose one)

BE 3301 Cell Physio for Bioengineers

BE 3367 or BE 4365 or BE 4373 (Choose one)

POL 2312 St & Local Government

BE 4337 or BE 4314 (Choose one)

BE 4350 Senior Design Project 1

BE Tech Elec (Approved by UG Advisor)

PHIL 1304 Contemp Moral pros

HIST 1302 U.S. History Since 1865 (or HIST 1332)

BE 4333 or BE 4331 (Choose one)

BE 4355 Senior Design Project 2 (Instructor permission)

3 Hrs Creative Arts (choose 1 from Table A)

3 hr in Soc, Behavi Sci (choose 1 from Table B). Psychology or Sociology recommended

This document is subject to revision.
Updated 4/15/2020