Effective: Fall 2018

Bioengineering Premed A Flowchart

1ST YEAR
Fall: Orientation & Intro to BIOE 1000 (3 hrs)
Spring: Computer Applications BIOE 1200 (3 hrs)
Fall: Statics CIVE 1150 (3 hrs)
Spring: Professional Development BIOE 1010 (1 hr)
Fall: Fund. Life Science II BIOL 2170 (4 hrs)
Spring: BIOE Thermo-dynamics BIOE 2100 (3 hrs)

2ND YEAR
Fall: General Chemistry I CHEM 1230 (4 hrs)
Spring: General Chemistry II CHEM 1240 (4 hrs)
Fall: Organic Chemistry I CHEM 2410 (3 hrs)
Spring: Organic Chemistry II CHEM 2420 (3 hrs)
Fall: Fund. Life Science Lab II BIOL 2180 (1 hr)
Spring: Bioprocessing Laboratory BIOE 3500 (3 hrs)

3RD YEAR
Fall: Senior Design Project I BIOE 4410 (3 hrs)
Spring: Senior Design Project II BIOE 4420 (3 hrs)

4TH YEAR
Fall: General Chemistry Lab I CHEM 1280 (1 hr)
Spring: General Chemistry Lab II CHEM 1290 (1 hr)
Fall: Organic Chem Lab I CHEM 2460 (1 hr)
Spring: Organic Chem Lab II CHEM 2470 (1 hr)
Fall: Cell Biology BIOL 3030 (1 hr)
Spring: Physiology for Bioengineers BIOE 4100 (3 hrs)
Fall: Biomedical Electronics BIOE 3300 (3 hrs)
Spring: Technical Elective BIOE 4090 (3 hrs)
Fall: Technical Elective BIOE 4090 (3 hrs)

5TH YEAR
Fall: Co-op Experience BIOE 3940 (1 hr)
Spring: Co-op Experience BIOE 3940 (1 hr)

Core Electives *

Name: ________________________________
US Diversity: _________________________
Non US Diversity: _____________________
Social Science: _______________________  
Humanity = HON 2010*

Rocket ID: ______________________________
Social Science: ________________________  
Humanity = HON 1010

Catalog Year: ____________________________
HUM/SS/MC Elective 3 hrs

*one double-dip allowed
HON 3010 and 27 total hours required

revised 4/25/2019