

Bioengineering Honors Premed A Flowchart

Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring
Orientation & Intro BIOE 1000 3 hrs	Computer Applications BIOE 1200 3 hrs	Fund. Life Science BIOL 2170 4 hrs	Professional Development BIOE 1010 1 hr	Cell Biology BIOL 3030 3 hrs	BIOE Thermodynamics BIOE 2100 3 hrs				Intro to Biomechanics BIOE 3110 3 hrs		Biosignal Processing BIOE 4120 3 hrs	
General Chemistry CHEM 1230 4 hrs	General Chemistry CHEM 1240 4 hrs	Organic Chemistry CHEM 2410 3 hrs	Organic Chemistry II CHEM 2420 3 hrs	Cell Biology Laboratory BIOL 3040 2 hrs	Biomaterials BIOE 2200 3 hrs				Biomedical Electronics BIOE 3300 3 hrs		Senior Design Project I BIOE 4410 3 hrs	Senior Design Project II BIOE 4420 3 hrs
General Chem Lab CHEM 1280 1 hr	General Chem Lab CHEM 1290 1 hr	Organic Chem Lab CHEM 2460 1 hr	Organic Chem Lab II CHEM 2470 1 hr	HUM/SS/MC Elective 3 hrs	Bioprocessing Laboratory BIOE 3500 3 hrs				Biotransport Phenomena BIOE 3400 3 hrs		BIOE Technical Elective 3 hrs	BIOE Technical Elective 3 hrs
Calculus I MATH 1850 4 hrs	Calculus II MATH 1860 4 hrs	Multivariate Calculus MATH 2850 4 hrs	Differential Equations MATH 2860 3 hrs	HUM/SS/MC Elective 3 hrs	Physiology for Bioengineers BIOE 4100 3 hrs				Bioelectronics business minor or additional co-op experience			
										Co-op Experience BIOE 3940 1 hr		

Co-op Experience
BIOE 3940
1 hr