Bioengineering Premed C Flowchart

Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring
Orientation & Intro to BIOE BIOE 1000 3 hrs	Computer Applications BIOE 1200 3 hrs	Fund. Life Science II BIOL 2170 4 hrs	Professional Development BIOE 1010 1 hr		BIOE Thermo-dynamics BIOE 2100 3 hrs	Intro to Biomechanics BIOE 3110 3 hrs		Biomedical Electronics BIOE 3300 3 hrs			Biosignal Processing BIOE 4120 3 hrs	
General Chemistry I CHEM 1230 4 hrs	General Chemistry II CHEM 1240 4 hrs	Organic Chemistry I CHEM 2410 3 hrs	Organic Chemistry II CHEM 2420 3 hrs		Biomaterials BIOE 2200 3 hrs	Bioprocessing Laboratory BIOE 3500 3 hrs		Biotransport Phenomena BIOE 3400 3 hrs			Senior Design Project I BIOE 4410 3 hrs	Senior Design Project II BIOE 4420 3 hrs
General Chem Lab I CHEM 1280 1 hr	General Chem Lab II CHEM 1290 1 hr	Organic Chem Lab I CHEM 2460 1 hr	Organic Chem Lab II CHEM 2470 1 hr		Physiology for Bioengineers BIOE 4100 3 hrs	Analysis of BIOE Systems BIOE 4300 3 hrs		Bioelectronics Laboratory BIOE 4140 2 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		Statics CIVE 1150 3 hrs	Technical Writing ENGL 2950 3 hrs		Technical Elective 3 hrs			HUM/SS/MC Elective 3 hrs	HUM/SS/MC Elective 3 hrs
English Composition ENGL 1110 3 hrs	Physics I PHYS 2130 5 hrs	Physics II	Physics II									

HUM/SS/MC Elective3 hrs

HUM/SS/MC Elective3 hrs

4.960-109.Fund. Life Science echnica

Physics II