Bioengineering Cuyahoga Premed Flowchart

Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring
General Chemistry I CHEM 1300 4 hrs	General Chemistry II CHEM 1310 4 hrs	Organic Chemistry I CHEM 2300 3 hrs	Organic Chemistry II CHEM 2310 3 hrs	Cell Biology BIOL 3030 3 hrs	Orientation & Intro to BIOE BIOE 1000 3 hrs				Intro to Biomechanics BIOE 3110 3 hrs		Biosignal Processing BIOE 4120 3 hrs	
General Chem Lab I CHEM 130L 1 hr	General Chem Lab II CHEM 131L 1 hr	Organic Chem Lab I CHEM 2300 1 hr	Organic Chem Lab II CHEM 2310 1 hr	Cell Biology Laboratory BIOL 3040 2 hrs	BIOE Thermo-dynamics BIOE 2100 3 hrs				Biomedical Electronics BIOE 3300 3 hrs		Senior Design Project I BIOE 4410 3 hrs	Senior Design Project II BIOE 4420 3 hrs
Calculus I MATH 1610 4 hrs	Calculus II MATH 1620 4 hrs	Multivariate Calculus MATH 2310 4 hrs	Differential Equations MATH 2520 3 hrs	Technical Writing ENGL 2950 3 hrs	Bioprocessing Laboratory BIOE 3500 3 hrs				Biotransport Phenomena BIOE 3400 3 hrs		BIOE Technical Elective 3 hrs	BIOE Technical Elective 3 hrs
English Composition ENGL 1010 3 hrs	Physics I PHYS 2310 5 hrs	Physics II PHYS 2320 5 hrs	Professional Development BIOE 1010 1 hr	Statics CIVE 1150 3 hrs	Physiology for Bioengineers BIOE 4100 3 hrs				Bioelectronics Laboratory BIOE 4140 2 hrs		Technical Elective 3 hrs	HUM/SS/MC Elective 3 hrs
SPCH 1010 Elective 3 hrs	PSY 1010 Elective 3 hrs	Fund. of Life Science II BIO 1500 4 hrs	Computer Applications									