

Bioengineering Regular A Flowchart

Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	5TH YEAR Fall	
Orientation & In BIOE BIOE 1000 Computing 2 hrs	Intro to BIOE Applications BIOE 1200 2 hrs	Statics CIVE 1150 3 hrs	Professional Development BIOE 1010 1 hr	Technical Writi ENGL 2950 3 hrs	Bioprocessing Laboratory BIOE 3500 3 hrs						Senior Design Project I BIOE 4410 3 hrs	Senior Design Project II BIOE 4420 3 hrs
Freshman Desig BIOE 1410 1 hr	Freshman Desig BIOE 1420 1 hr	Fund. Life Scienc BIOL 2170 4 hrs	Biomaterials BIOE 2200 3 hrs	HUM/SS/MC Elective 3 hrs	Physiology for Bioengineers BIOE 4100 3 hrs						Biotransport Phenomena BIOE 3400 3 hrs	Biosignal Proces BIOE 4120 3 hrs
General Chemist CHEM 1230 4 hrs	General Chemist CHEM 1240 4 hrs	Fund. Life Scier Lab II BIOL 2180 1 hr	Intro to Biomechanics BIOE 3110 3 hrs	HUM/SS/MC Elective 3 hrs	BIOE Thermo-dynamics BIOE 2100 3 hrs						Biomedical Electronics BIOE 3300 3 hrs	Exp Methods I Bioengineering BIOE 4750 3 hrs
General Chem L CHEM 1280 1 hr	General Chem L CHEM 1290 1 hr	Multivariate Cal MATH 2850 4 hrs	Differential Equations MATH 2860 3 hrs	HUM/SS/MC Elective 3 hrs	Technical Electi 3 hrs						Bioelectronics Laboratory BIOE 4140 2 hrs	BIOE Technical Elect 3 hrs
Calculus I MATH 1850 4 hrs	Calculus II MATH 1860 4 hrs	Physics II PHYS 2140 5 hrs	Biomedical Qua Control BIOE 4300 3 hrs		Technical Electi 3 hrs						BIOE Technical Electi 3 hrs	Technical Elect 3 hrs
English Composi ENGL 1110 3 hrs	Physics I PHYS 2130 5 hrs		Electrical Circu EECS 2300 4 hrs								HUM/SS/MC Elective 3 hrs	HUM/SS/MC Elective 3 hrs
15 hours	17 hours	17 hours	17 hours	12 hours	15 hours	1 hour	Optional	1 hour	17 hours	1 hour	18 hours	

Coursework for deficiencies, medical school requirements, business minor or ad00075 4deficiencies, medica Elective

Name: _____

Rocket ID: _____

Catalog Year: _____

US Diversity: _____
Non US Diversity: _____
Social Science: _____
Social Science: _____
Humanity: _____
Humanity: _____

*one double-dip allowed

US Diversity = HON 2010*

Social Science = HON 2010*

Humanity = HON 1010

HON 3010 and 27 total hours required