Biomedical Engineering 4-Year Plan

Year	Fall Semester	Units	Spring Semester	Units
1st	MATH 30 Calculus I P	3	MATH 31 Calculus II	4
	CHEM 1A General Chem P	5	CHEM 1B General Chem	5
	ENGL 1A Composition P	3	PHYS 50 Gen. Physics. P	4
	ENGR 10 Intro Engr	3	ENGL 1B Composition	3
	Semester Total	**14**	**Semester Total**	**16**
2nd	MATH 32 Calculus III	3	MATH 133A Ord. Dif. Eqn	3
	Biol 1A Foundations of Biodiversity	5	CE 99 Statics	2
	AMS 1A American Studies	6	Biol 1B Foundations of Cellular and Systems Biology	5
	ME 20 Design and Graphics	2	AMS 1B American Studies	6
	Semester Total	**16**	**Semester Total**	**16**
3rd	BME 177 Physiology for Engineers	3	MatE 25 Intro to Mat Engr	3
	Comm 20 Oral Communications	3	BME 174 Regulatory, Design and Quality Requirements	3
	BME 115 Introduction to Biomedical Engineering	4	ENGR 100W Engr Reports WST	3
	Phys 51 Electricity and Magnetism	4	Chem 112A Organic Chemistry	3
			BME 117 Biotransport Phenomena	3
	Semester Total	**14**	**Semester Total**	**15**
4th	Chem 113A Organic Chemistry Lab	2	BME 198B Senior Project II	2
	BME 198A Senior Project I 100W	2	BME 173 Clinical Trials in Bioengineering	3
	ChE 162 Engineering Statistics and Analysis	3	Chem 112B Organic Chemistry	3
	Biomedical Engineering Elective	3	Engr 195B Global/Societal Issues	1
	EE 98 Circuit Analysis	3	Biomedical Engineering Elective	3
	Engr 195A Global/Societal Issues	1	Biomedical Engineering Elective	3
	Semester Total	**14**	**Semester Total**	**15**

TOTAL 120