BME UNDERGRADUATE CURRICULUM   General   2022-23   187 units

FRESHMAN	units		units		units
Fall		**Winter**		**Spring**	
MAT 21A Calculus	4	MAT 21B Calculus	4	MAT 21C Calculus	4
CHE 2A General Chemistry	5	CHE 2B General Chemistry	5	CHE 2C General Chemistry	5
BIM 1 Intro to BME	2	BIS 2A Intro to Biology	5	PHY 9A Classical Physics	5
Lower Division Composition	4	GE elective		GE elective	
SOPHOMORE					
Fall		**Winter**		**Spring**	
MAT 21D Vector Analysis	4	MAT 22A Linear Algebra	3	MAT 22B Differential Equations	3
CHE 8A Organic Chemistry	2	CHE 8B Organic Chemistry	4	BIM 20 Fundamentals of Bioengineering	4
PHY 9B Classical Physics	5	PHY 9C Classical Physics	5	BIM 20L Graphics Design BME	2
ENG 6 MATLAB	4	GE elective		ENG 17 Circuits I	4
JUNIOR					
Fall		**Winter**		**Spring**	
BIM 105 Probability and Stats for BME	4	BIM 106 Biotransport	4	BIM 108 Biomedical Signals and Control	4
BIM 116 or NPB 101 Physiology	5	BIM 107 Mfg for BME	2	BIM 109 Biomaterials	4
Science elective		ENG 100 Circuits II	3	Engineering elective	4
Upper Division Composition Course=4 units, Exam=0 units	4/0	Engineering Elective	4	GE elective	
SENIOR					
Fall		**Winter**		**Spring**	
BIM 110A BME Senior Design	3	BIM 110B BME Senior Design	3	BIM 110C BME Senior Design	3
BIM 111 Biomedical Instrumentation Lab	6	Engineering elective	4	ENG 190 Professional Responsibility Engineers	3
Engineering elective	4	Engineering elective	4	ENG 105 Thermodynamics	4
Science elective		GE elective		2 GE electives	

April 2022