

Bio-Physics/Biomedical Engineering

Freshman Year

Fall Semester

Course #	Course Name	Hrs
MTH 121	Calc. and Analytic Geo. I	4
ENG 110	College Writing <i>or</i>	
GST 110	Global Experience	4
PHY 113	Gen. Physics I W/Calculus	4
HED 110	Wellness	2
EGR 103	Challenges in Engineering	1
ELN 101	Orientation	1
Semester Total		16

Winter Semester

Course #	Course Name	Hrs
Gen. Studies	Soc. Sci.	4

Spring Semester

Course #	Course Name	Hrs
MTH 221	Calc. and Analytic Geo. II	4
ECO 201	Principles of Economics	4
PHY 114	Gen. Physics II W/Calculus	4
GST 110	Global Experience <i>or</i>	
ENG 110	College Writing	4
EGR 103	Challenges in Engineering	2
Semester Total		18

Sophomore Year

Fall Semester

Course #	Course Name	Hrs
MTH 321	Calc. and Analytic Geo. III	4
PHY 213	Intro. To Modern Physics	4
EGR 206	Engr. Mechanics.-Statics	3
CHM 111	General Chemistry I	3
CHM113	General Chemistry I Lab	1
Semester Total		15

Winter Semester

Course #	Course Name	Hrs
Gen. Studies	Travel Abroad/History/Lit	4

Spring Semester

Course #	Course Name	Hrs
CHM 112	General Chemistry II	3
CHM114	General Chemistry II Lab	1
MTH 421	Differential Equations	4
EGR 208	Engr. Mech. - Dynamics	3
BIO 111	Introductory Cell Biology	3
BIO 113	Cell Biology Laboratory	1
Semester Total		15

Junior Year

Fall Semester

Course #	Course Name	Hrs
EGR 211	Circuit Analysis	3
EGR 212	Circuit Analysis Lab	1
PHY 311	Classical Electrodynamics	4
Gen. Studies	UL Seminar	4
BIO 343	Clinical Anatomy	4
PHY 397	Physics Lab/Seminar	2
Semester Total		18

Winter Semester

Course #	Course Name	Hrs
Gen. Studies	Literature	4

Spring Semester

Course #	Course Name	Hrs
BIO 372	Comparative Physiology OR	
BIO 162	Human Physiology	4
Gen. Studies	Elective	4
CSC 130	Computational Prog.	4
PHY 398	Physics Lab/Seminar	2
Gen. Studies	Elective	4
Semester Total		18

Total Hours Required = 112