

Engineering Mathematics

Freshman Year

Fall Semester

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

Winter Semester

Course #	Course Name	Hrs
Gen. Studies	Civilization?	4

Spring Semester

Course #	Course Name	Hrs
MTH 221	Calculus and Analytic Geometry II	4
MTH 231	Mathematical Reasoning	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
CSC 130	Computer Science I	4
MTH 321	Calc. & Analytic Geo. III	4
(REL 348)	General Studies	4
EGR 206	Engr. Mech. - Statics	3
PE ____		1
Semester Total		16

Winter Semester

Course #	Course Name	Hrs
Gen. Studies	Travel Abroad?/Soc. Sci.	4

Spring Semester

Course #	Course Name	Hrs
MTH 311	Linear Algebra	4
MTH 415	Numerical Analysis <i>or</i>	
MTH 421	Differential Equations	4
EGR 208	Engr. Mech. - Dynamics	3
CSC230	Computer Science II	4
PE ____		1
Semester Total		16

Junior Year

Fall Semester

Course #	Course Name	Hrs
MTH 341	Prob. Theory and Stat.	4
CHM 111	General Chemistry I	3
CHM113	General Chemistry I Lab	1
Gen. Studies	UL Seminar	4
EGR 310	Engr. Thermodynamics	4
Semester Total		16

Winter Semester

Course #	Course Name	Hrs
Gen. Studies	Literature (ENG 311)	4

Spring Semester

Course #	Course Name	Hrs
MTH 415	Numerical Analysis <i>or</i>	
MTH 421	Differential Equations	4
MTH 312	Abstract Algebra	4
CHM 112	General Chemistry II	3
CHM114	General Chemistry II Lab	1
EGR 211	Circuit Analysis	3
EGR 212	Circuit Analysis Lab	1
Semester Total		16

Total Hours Required = 110