

Chemistry/Chemical Engineering

2/8/2010

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
EGR 103	Challenges in Engineering	1
MTH 221	Calc. and Analytic Geo. II	4
CHM 111	General Chemistry I	3
CHM113	General Chemistry I Lab	1
ELN 101		1
Gen. Studies	Principles of Economics	4
Semester Total		18

Winter Semester

Course #	Course Name	Hrs
GST	Civilization?	4

Spring Semester

GST 110	Global Experience <i>or</i>	
ENG 110	College Writing	4
EGR 103	Challenges in Engineering	2
CHM 112	General Chemistry II	3
CHM114	General Chemistry II Lab	1
PE ***	Phys Activity	1
HED 110	Wellness	2
Semester Total		17

Sophomore Year

Fall Semester

Course #	Course Name	Hrs
MTH 321	Calc. and Analytic Geo. III	4
CHM 211	Organic Chemistry I	3
CHM 213	Organic Chemistry I Lab	1
PHY 113	Gen. Physics I W/Calculus	4
LIT ***	General Studies	4 (#1)
PE ***	Phys Activity	1
Semester Total		17

Winter Semester

Course #	Course Name	Hrs
Gen. Studies	Travel Abroad?/Social Sci.	4 (3)

Spring Semester

CHM 205	Inorganic Chemistry I	4
CHM 212	Organic Chemistry II	3
CHM 214	Organic Chemistry II Lab	1
PHY 114	Gen. Physics II W/Calculus	4
MTH 421	Differential Equations	4
CHM 125	The Chemical Literature	1
Semester Total		17

Junior Year

Fall Semester

Course #	Course Name	Hrs
CHM 461	Senior Seminar	1
CHM 311	Quantitative Analysis	4
Gen. Studies	UL Seminar	4 (#5)
EGR 206	Engr. Mechanics.-Statics	3
CHM 332	Physical Chemistry	4
Semester Total		16

Starting in the Spring at VT need to take:

ChE 2114 Mass and Energy Balances (in Spring)
ENGL 3764 Technical Writing
EF 2324 Engineering Problems Soling Using Fortran
ESM 2204 Mechanics of Deformable Bodies
 (if have had Statics)

Total Hours Required = 93