Minimum Hours: 120

Chemistry (B.A.)

FRESHMAN – Fall Semester	Hours	FRESHMAN – Spring Semester	Hours	
COL 100 Bryan Gateway Seminar	1	HIS General Survey Course (100/200 level)	3	
ENG 109 College Writing I OR ENG 111 Freshman English*	3	Choose ONE of the following: ECFN 100/200, PSGS 221, 22 315, SS 211 or foreign language	^{3,} 3	
CT 113 Critical Survey of Worldviews	3	Free Elective	1	
MATH 122 Calculus I	4	CHEM 132 General Chemistry II	4	
CHEM 131 General Chemistry I	4	MATH 221 Calculus II	4	
		(ENG 110 College Writing II)*		
TOTAL HOURS	15	TOTAL HOURS	15	
SOPHOMORE – Fall Semester		SOPHOMORE – Spring Semester	SOPHOMORE – Spring Semester	
BIB 222 Old Testament Literature & Interpretation	3	BIB 224 New Testament Literature & Interpretation	3	
Christian Studies Elective (BIB/CM/CT/PHIL)	3	Choose ONE of the following: PSY 111, 228, 330, or 334	3	
Free Electives	5	PHYS 245 College Physics I	4	
CHEM 241 Organic Chemistry I	4	Free Elective	1	
		CHEM 242 Organic Chemistry II	4	
TOTAL HOURS	15	TOTAL HOURS	15	
JUNIOR – Fall Semester		JUNIOR – Spring Semester		
Choose ONE of the following: ENG 100/200, FA 211, FLM 210, MUS 100/200, or THT 100/200 (excludes ENG 245, lessons, ensembles, practicums)	3	COMM 111 Intro to Communication	3	
Christian Studies Elective (BIB/CM/CT/PHIL/GRK/HEB)	3	Free Electives	6	
Free Elective	1	CHEM 322 Topics in Computational Chemistry**	2	
CHEM Elective (300/400 level)	4	CHEM Elective (300/400 level)	4	
PHYS 246 College Physics II	4			
TOTAL HOURS	15	TOTAL HOURS	15	
SENIOR – Fall Semester		SENIOR – Spring Semester		
Free Electives	12	Free Electives	11	
CHEM 325 Thermodynamics & Kinetics in Chemistry**	3	CHEM 491 Seminar in Chemistry	1	
		CHEM Elective (300/400 level)	3	
TOTAL HOURS	15	TOTAL HOURS	15	

*Depending on standardized test scores, students are required to take either ENG 109-110 College Writing I and II (6 credits) <u>OR</u> ENG 111 Freshman English (3 credits). Students who are placed in the ENG 109-110 sequence will need to take ENG 110 in the spring semester of the freshman year.

** Offered alternate years

This document is to be used for planning purposes only. Please refer to the academic catalog for complete information. Course planning should be completed in consultation with your academic adviser. Not all courses are offered every semester or every year.