

PETREE COLLEGE OF ARTS & SCIENCES
Four Year Plan (124 CHs total) *
Bachelor of Science (B.S.) in CHEMISTRY - PRE.PHARM

		✓	First Year – Spring Semester		✓
General Chemistry I (CHEM 1104)	<input type="checkbox"/>		General Chemistry II (CHEM 1204)	<input type="checkbox"/>	
General Chemistry I lab (CHEM 1141)	<input type="checkbox"/>		General Chemistry II lab (CHEM 1241)	<input type="checkbox"/>	
Fundamentals of Biology (BIOL 1214)	<input type="checkbox"/>				
English Composition I	<input type="checkbox"/>		English Composition II	<input type="checkbox"/>	
Liberal Arts Seminar	<input type="checkbox"/>		General education course(s)	<input type="checkbox"/>	
Total: 15-16 CHs			Total: 15-16 CHs		
Second Year – Fall Semester		✓	Second Year – Spring Semester		✓
Organic Chemistry I (CHEM 3103)	<input type="checkbox"/>		Organic Chemistry II (CHEM 3203)	<input type="checkbox"/>	
Organic Chemistry I lab (CHEM 3141)	<input type="checkbox"/>		Organic Chemistry II Lab (CHEM 3241)	<input type="checkbox"/>	
Calculus I (MATH 2004)	<input type="checkbox"/>		Inorganic Chemistry (CHEM 3303)	<input type="checkbox"/>	
General Microbiology (BIOL 3114)	<input type="checkbox"/>				
General education course(s)	<input type="checkbox"/>		General education course(s)	<input type="checkbox"/>	
			Total: 15-16 CHs		
Third Year – Fall Semester		✓	Third Year – Spring Semester		✓
Biochemistry I (CHEM 3714)	<input type="checkbox"/>		Biochemistry II (CHEM 4403)	<input type="checkbox"/>	
General Physics I (PHYS 1503)	<input type="checkbox"/>		General Physics II (PHYS 1603)	<input type="checkbox"/>	
General Physics I Lab (PHYS 1541)	<input type="checkbox"/>		General Physics II Lab (PHYS 1641)	<input type="checkbox"/>	
Biology Elective 3-4000, 4 CHs (not 3103)	<input type="checkbox"/>		Chemistry Research (CHEM 4991)	<input type="checkbox"/>	
Quantitative Analysis (CHEM 2303)	<input type="checkbox"/>				
Quantitative Analysis Lab (CHEM 2342)	<input type="checkbox"/>		General education course(s)	<input type="checkbox"/>	
Total: 15-16 CHs			Total: 15-16 CHs		
Fourth Year – Fall Semester		✓	Fourth Year – Spring Semester		✓
Human A & P I (BIOL 2003)	<input type="checkbox"/>		Human A & P II (BIOL 2103)	<input type="checkbox"/>	
Human A & P I Lab (BIOL 2041)	<input type="checkbox"/>		Human A & P II Lab (BIOL 2141)	<input type="checkbox"/>	
Physical Chemistry I (CHEM 3503)	<input type="checkbox"/>		Chemistry Capstone (CHEM 4861)	<input type="checkbox"/>	
Physical Chemistry Lab (CHEM 3541)	<input type="checkbox"/>				
General education course(s)	<input type="checkbox"/>		General education course(s)	<input type="checkbox"/>	
Total: 15-16 CHs			Total: 15-16 CHs		

& MINOR in:		
Courses		CHs

 Advisor Signature MM DD YYYY

 Student Signature MM DD YYYY

GENERAL EDUCATION

✓	Requirements:		BS	BA							
<input type="checkbox"/>	English Composition I (ENGL 1113)		3								
<input type="checkbox"/>	English Composition II (ENGL 1213)		3								
<input type="checkbox"/>	Liberal Arts and Sciences Seminar (LAS 1063)		3								
<input type="checkbox"/>	The Bible and Culture (REL 1003) OR Introduction to World Religions (REL 1513)		3								
<input type="checkbox"/>	Literature: World (ENGL 2603) OR Western (ENGL 2103) OR British (ENGL 2403, 2413, 2703) OR American (ENGL 2713, 2813)		3								
<input type="checkbox"/>	Fine Arts (Any ART, FILM, MUS, THRE, DANC or INDP 1013)		3								
<input type="checkbox"/>	Philosophy/Ethics: PHIL/REL 2213, 2163 OR MGMT 2223 OR PHIL/PHRH 2513 OR PHIL/REL 2703		3								
<input type="checkbox"/>	American/U.S. History (HIST 1003 or HIST 1103) (International Students must take HIST 1113)		3								
<input type="checkbox"/>	American Governance (POLS 1113) (International students must take POLS 1013)		3								
<input type="checkbox"/>	Introduction to Sociology (SOC 2013) OR Introduction to Psychology (PSYC 1113)		3								
<input type="checkbox"/>	Mathematics (MATH 1503, ECON 2123, PSYC 2303 or a higher -level mathematics class)		3								
<input type="checkbox"/>	Methods of Scientific Inquiry (SCI 1003)		3								
<input type="checkbox"/>	Integrated Science Laboratory (SCI 1041) [Not required for those who have passed a 2000 level or above lab science]		1								
<input type="checkbox"/>	<table border="1"> <thead> <tr> <th align="center">BS</th> <th align="center">BA</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </tbody> </table> Foreign Language (BS/BFA requires 6 hours; BA requires 12 hours)	BS	BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	12
BS	BA										
<input type="checkbox"/>	<input type="checkbox"/>										
<input type="checkbox"/>	<input type="checkbox"/>										
<input type="checkbox"/>	<input type="checkbox"/>										
<input type="checkbox"/>	Cross-Cultural Studies										
<input type="checkbox"/>	Service Learning										
<input type="checkbox"/>	Capstone										
<input type="checkbox"/>	Public Speaking (PHRH 1103)		3								
<input type="checkbox"/>	Laboratory Science (BIOL, CHEM, or PHYS)		4								
<input type="checkbox"/>	International or Diversity (approved courses or study abroad)		3								

* Specific course offerings may vary dependent upon enrollment and faculty availability; courses may not fall in the exact semester listed above.
 ** This template, of 15-16 CHs per semester, with a 124 CHs total (some dedicated to the Major and some dedicated to General Education), will result in a 4-year degree completion.