

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

GENERAL EDUCATION 25.26

		✓	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"/>
Intro to Bio: Molec, Cells & Physio. (BIOL 1514)	<input type="checkbox"/>			<input type="checkbox"/>
English Composition I	<input type="checkbox"/>		English Composition II	<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	
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"/>			<input type="checkbox"/>
General education course(s)	<input type="checkbox"/>		General education course(s)	<input type="checkbox"/>
	<input type="checkbox"/>		Total: 15-16 CHs	<input type="checkbox"/>
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"/>			<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	<input type="checkbox"/>
Fourth Year – Fall Semester		✓	Fourth Year – Spring Semester	✓
Human Anatomy & Lab (BIOL 2304)	<input type="checkbox"/>		Human Physiology & Lab (BIOL 2404)	<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"/>			<input type="checkbox"/>
General education course(s)	<input type="checkbox"/>		General education course(s)	<input type="checkbox"/>
	<input type="checkbox"/>		Total: 15-16 CHs	<input type="checkbox"/>
Total: 15-16 CHs				

✓	Requirements:		BS	BA										
<input type="checkbox"/>	English Composition I (ENGL 1113)		3											
<input type="checkbox"/>	English Composition II (ENGL 1213)		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) OR Honors Seminar in Ethics & Lit (ENGL/PHIL 2004H)		3											
<input type="checkbox"/>	Fine Arts (Any ART, FILM, MUS, THRE, DANC, INDP 1013, ENGL 2123)		3											
<input type="checkbox"/>	Philosophy/Ethics (PHIL/REL 2163, 2213, 2313, 2413, 2613, 2703 OR PHIL/PHRH 2513 OR MGMT 2223)		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 Psychology (PSYC 1113)		3											
<input type="checkbox"/>	Mathematics (MATH 1503 or 1603, 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"> <tr> <th align="center">BS</th> <th align="center">BA</th> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table> Foreign Language. - BS/BFA requires 6 hours (2 courses) - BA requires 12 hours (4 courses)	BS	BA										6	12
BS	BA													
<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											

& MINOR in:	
Courses	CHs

 Advisor Signature MM DD YYYY

 Student Signature MM DD YYYY

* 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.