

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

First Year – Fall Semester	✓	First Year – Spring Semester	✓
General Chemistry I (CHEM 1104) General Chemistry I Lab (CHEM 1141)	<input type="checkbox"/>	General Chemistry II (CHEM 1204) General Chemistry II Lab (CHEM 1241)	<input type="checkbox"/>
English Composition I Liberal Arts Seminar General education course(s)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	English Composition II General education course(s)	<input type="checkbox"/> <input type="checkbox"/>
Total: 15-16 CHs		Total: 15-16 CHs	
Second Year – Fall Semester	✓	Second Year – Spring Semester	✓
Organic Chemistry I (CHEM 3103) Organic Chemistry Lab (CHEM 3141) Calculus I (MATH 2004)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Organic Chemistry II (CHEM 3203) Organic Chemistry II Lab (CHEM 3241) Calculus II (MATH 2104) Inorganic Chemistry (CHEM 3303)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <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	
Third Year – Fall Semester	✓	Third Year – Spring Semester	✓
Physical Chemistry I (CHEM 3503) Physical Chemistry I Lab (CHEM 3541) University Physics I (PHYS 2104) University Physics I Lab (PHYS 2141)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Physical Chemistry II (CHEM 3603) University Physics II (PHYS 2204) University Physics II Lab (PHYS 2241)	<input type="checkbox"/> <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		Total: 15-16 CHs	
Fourth Year – Fall Semester	✓	Fourth Year – Spring Semester	✓
Research (CHEM 4991) Quantitative Analysis (CHEM 2303) Quantitative Analysis Lab (CHEM 2342)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Capstone (CHEM 4861)	<input type="checkbox"/>
General education course(s)	<input type="checkbox"/> <input type="checkbox"/>	General education course(s)	<input type="checkbox"/> <input type="checkbox"/> <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"/>	Foreign Language (BS/BFA requires 6 hours; BA requires 12 hours)	6	12
<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.