

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

First Year – Fall Semester	✓	First Year – Spring Semester	✓
Intro to Computer Sciences (CSCI 1001)	<input type="checkbox"/>	Programming II (CSCI 1614)	<input type="checkbox"/>
Programming I (CSCI 1514)	<input type="checkbox"/>	Calculus and Analytic Geometry II (MATH 2104)	<input type="checkbox"/>
Calculus and Analytic Geometry I (MATH 2004)	<input type="checkbox"/>	English Composition II (ENGL 1213)	<input type="checkbox"/>
English Composition I (ENGL 1113)	<input type="checkbox"/>	General education course(s)	<input type="checkbox"/>
Liberal Arts Seminar (LAS 1063)	<input type="checkbox"/>		<input type="checkbox"/>
Total: 15-16 CHs		Total: 15-16 CHs	
Second Year – Fall Semester	✓	Second Year – Spring Semester	✓
Data Structures (CSCI 2114)	<input type="checkbox"/>	Networking and Data Commun. (CSCI 3303)	<input type="checkbox"/>
Cybersecurity (CSCI 2413)	<input type="checkbox"/>	Programming Languages (CSCI 3003)	<input type="checkbox"/>
Probability and Statistics I (MATH 3203)	<input type="checkbox"/>	Discrete Mathematics (MATH 3503)	<input type="checkbox"/>
General education course(s)	<input type="checkbox"/>	General education course(s)	<input type="checkbox"/>
	<input type="checkbox"/>		<input type="checkbox"/>
Total: 15-16 CHs		Total: 15-16 CHs	
Third Year – Fall Semester	✓	Third Year – Spring Semester	✓
Web Programming (CSCI 3403)	<input type="checkbox"/>	Operating Systems (CSCI 4313)	<input type="checkbox"/>
Database Design and Management (CSCI 3613)	<input type="checkbox"/>	Advanced Web Programming (CSCI 4513)	<input type="checkbox"/>
Logic and Artificial Intelligence (CSCI 4203)	<input type="checkbox"/>	Software Engineering (CSCI 4213)	<input type="checkbox"/>
General education course(s)	<input type="checkbox"/>	General education course(s)	<input type="checkbox"/>
Courses toward Minor	<input type="checkbox"/>	Courses toward Minor	<input type="checkbox"/>
	<input type="checkbox"/>		<input type="checkbox"/>
Total: 15-16 CHs		Total: 15-16 CHs	
Fourth Year – Fall Semester	✓	Fourth Year – Spring Semester	✓
Senior Capstone (CSCI 4063)	<input type="checkbox"/>	Internship (CSCI 4581-3)	<input type="checkbox"/>
CSCI Elective (e.g., Mobile Development)	<input type="checkbox"/>	CSCI Elective (e.g., Game Programming)	<input type="checkbox"/>
Linear Algebra (MATH 3003) <i>or</i>	<input type="checkbox"/>	General education course(s)	<input type="checkbox"/>
Numerical Methods (MATH 3703) <i>or</i>	<input type="checkbox"/>	Courses toward Minor	<input type="checkbox"/>
Multivariable Calculus (MATH 3403)	<input type="checkbox"/>		<input type="checkbox"/>
General education course(s)	<input type="checkbox"/>		<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) <i>OR</i> Introduction to World Religions (REL 1513)	3									
<input type="checkbox"/>	Literature: World (ENGL 2603) <i>OR</i> Western (ENGL 2103) <i>OR</i> British (ENGL 2403, 2413, 2703) <i>OR</i> 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 <i>OR</i> MGMT 2223 <i>OR</i> PHIL/PHRH 2513 <i>OR</i> 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) <i>OR</i> 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"> <tr> <td>BS</td> <td>BA</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> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </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.