

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

GENERAL EDUCATION 24.25

First Year – Fall Semester	✓	First Year – Spring Semester	✓
Intro to Computer Sciences (CSCI 1001) Programming I (CSCI 1514) Calculus and Analytic Geometry I (MATH 2004)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Programming II (CSCI 1614) Calculus and Analytic Geometry II (MATH 2104) Data Structures (CSCI 2114)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
English Composition I (ENGL 1113) General education course	<input type="checkbox"/> <input type="checkbox"/>	English Composition II (ENGL 1213) 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	✓
Cybersecurity (CSCI 2413) Probability and Statistics I (MATH 3203) CSCI Elective	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Networking and Data Commun. (CSCI 3303) Programming Languages (CSCI 3003) Discrete Mathematics (MATH 3503)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
General education course(s)	<input type="checkbox"/> <input type="checkbox"/>	General education course(s)	<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) Database Design and Management (CSCI 3613) Machine Learning I (CSCI 3203)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Operating Systems (CSCI 4313) Advanced Web Programming (CSCI 4513) Software Engineering (CSCI 4213)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
General education course(s) Courses toward Minor	<input type="checkbox"/> <input type="checkbox"/>	General education course(s) Courses toward Minor	<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) Linear Algebra (MATH 3003) <i>or</i> Numerical Methods (MATH 3703) <i>or</i> Calculus and Analytic Geometry (MATH 3403)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Internship (CSCI 4581-3) CSCI Elective	<input type="checkbox"/> <input type="checkbox"/>
General education course(s)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	General education course(s) Courses toward Minor	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Total: 15-16 CHs		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) <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) <i>OR</i> 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) <i>OR</i> PHIL/PHRH 2513 <i>OR</i> 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) <i>OR</i> 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 (2 courses) - BA requires 12 hours (4 courses)	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	

& 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.