Computer Science
4-Year Curriculum Plan (2021 Catalog)

Institution: Coastal Carolina University	
Department: Computing Sciences	
Program Name: Computer Sciences (B.S.)	
YEAR 1	
Fall, Semester 1	**Spring, Semester 2**
MATH 174: Discrete Mathematics (3) - Core	MATH 160: Calculus I A&B (4) – Gen. Ed. & Core
Science & Lab 1 of 2 (4) – Gen. Ed. & Core	Science & Lab 2 of 2 (4) – Core
UNIV 110: First Year Experience (3) – Gen. Ed.	ENGL 102: Composition & Critical Reading (4) – Gen. Ed.
ENGL 101: Composition (4) – Gen. Ed.	CSCI 120: Intro to Web Dev (3) – Gen. Ed. & Core
CSCI 135: Intro to Programming (3) – Core	CSCI 145: Intermediate Programming (3) – Core
Total Credit Hours: 17	**Total Credit Hours: 18**
YEAR 2	
Fall, Semester 3	**Spring, Semester 4**
MATH 161: Calculus II (4) – Core	Humanistic Thought 1 of 2 (3) – Gen. Ed.
CSCI 210: Computer Org. and Programming (3) – Core	CSCI 250: Information Management (3) – Core
CSCI 220: Data Structures (3) – Core	CSCI 330: Sys. Analysis & Software Engineering (3) – Core
CSCI 200-level programming (3) – Core	CSCI 390: Theory of Computation (3) – Core
Hum/Social Behavior 1 of 2 (3) – Gen. Ed.	
Total Credit Hours: 16	**Total Credit Hours: 12**
YEAR 3	
Fall, Semester 5	**Spring, Semester 6**
Humanistic Thought 2 of 2 (3) – Gen. Ed.	Communication Foundation (3) - Core
CSCI 270: Data Comm. Systems and Networks (3) – Core	Hum/Social Behavior 2 of 2 (3) – Gen. Ed.2
CSCI 356: Operating Systems (3) – Core	CSCI 200+ Elective (3) – Core
CSCI 380: Intro. to the Analysis of Algorithms (3) – Core	CSCI 350: Org. of Programming Languages (3) – Core
CSCI Advanced Selected Elective 1 of 3 (3) – Core	CSCI Advanced Selected Elective 2 of 3 (3) – Core
Total Credit Hours: 15	**Total Credit Hours: 15**
YEAR 4	
Fall, Semester 7	**Spring, Semester 8**
Artistic Expression (3) – Gen. Ed.	Foreign Language (5) – Gen. Ed.
American Government (3) – Gen. Ed.	STAT 201/L: (4) – Gen. Ed. & Core
Advanced Math Selected Elective (3) – Core	CSCI 401: Ethics and Professional Issues (3) – Core
CSCI 385: Intro. Information Sys. Security (3) – Core	CSCI 473: Intro. Parallel Systems (3) – Core
CSCI Advanced Selected Elective 3 of 3 (3) – Core	
Total Credit Hours: 15	**Total Credit Hours: 15**

Total Program Credit Hours: 123