Computer Science
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This plan is for freshman entering: Fall 2018

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| **Semester 1 FALL 2018** CPTR 110 Intro to Computer Systems (3 hr)ENG 110 College Writing I (3 hr)MATH 110 College Algebra MATH 215 Intro to Statistics (3 hr)*Plus* General Education Courses | **Semester 2 SPRING 2019**CPTR 112 Programming I (4 hr)ENG 120 College Writing II (3 hr)COMM 102 Oral Communication (3 hr)MATH 319 Linear Algebra*Plus* General Education Courses |
| **Semester 3 FALL 2019** CPTR 212 Programming II (4 hr) MATH 222 Calculus 1 (4 hr)CPTR 324 Computer Networks & Concepts (3 hr)(Elective) CPTR 211 Basic Info & Web Design (3 hr)*Plus* General Education Courses | **Semester 4 SPRING 2020** CPTR 341 Operating Systems (3 hr)MATH 223 Calculus 2 (4 hr)MATH 320 Intro to Adv Math (3 hr)(Elective) CPTR 321Adv Web Design (3 hr)*Plus* General Education Courses |
| **Semester 5 FALL 2020** CPTR 315 Java Programming (3 hr)CPTR 320 Database Management Systems (3 hr)*Plus* General Education Courses  | **Semester 6 SPRING 2021**COMM 315 Persuasion (3 hr)CPTR 345 Software Engineering (3 hr)CPTR 453 Analysis of Algorithm (3 hr)(Elective) CPTR 430 Artificial Intelligence (3 hr)*Plus* General Education Courses |
| **Semester 7 FALL 2021** CPTR 454 Senior Project and Seminar (3 hr)ENG 210 Business Communications (3 hr)*Plus* General Education Courses*Plus* Elective Courses | **Semester 8 SPRING 2022**CPTR 452 Automata (3 hr)PREP 499 Career Prep (3 hr) |

Special Instructions for Advisors:
Student should take 124 hours courses to meet SC graduation requirements.