MAJOR REQUIREMENTS – CSC Option 1 – Systems (Minimum 73 hours)

Core Courses:
- **CSC 131** Introduction to Computer Science (4) Prereq: MAT 111, 115 or equivalent, or sufficient math placement
- **CSC 133** Discrete Mathematical Structures (3) Prereq: MAT 111, 115 or equivalent, or sufficient math placement
- **CSC 231** Introduction to Data Structures (4) Prereq: CSC 131, with grade of “C” or better, Coreq: CSC 133
- **CSC 242** Computer Organization (3) Prereq: CSC 131 with a grade of “C” or better, and 133
- **CSC 331** Object-Oriented Programming and Design (3) Prereq: CSC 231 with a grade of “C” or better
- **CSC 340** Scientific Computing (3) Prereq: CSC 231 with a grade of “C” or better and MAT 162
- **CSC 342** Operating Systems (3) Prereq: CSC 231 with a grade of “C” or better and 242
- **CSC 360** Formal Languages and Computability (3) Prereq: CSC 231 with a grade of “C” or better and 242
- **CSC 380** Design and Analysis of Algorithms (3) Prereq: CSC 133, 231 with a grade of “C” or better and MAT 161
- **CSC 385** Professional and Ethical Issues in Computer Science (3) Prereq: ENG 101 or equivalent and junior/senior standing in computer science or information technology (Meets Oral Communication Requirement)
- **CSC 434** Programming Languages (3) Prereq: CSC 331 with a grade of “C” or better and 360
- **CSC 450** Software Engineering (3) Prereq: CSC 331 with a grade of “C” or better and senior standing (Meets Applied Learning Requirement)
- **CSC 455** Database Design and Implementation (3) Prereq: CSC 331 with a grade of “C” or better (Meets Applied Learning Requirement)
- **CSC*** Choose 9 additional hours of 300-400 level CSC courses approved by an advisor.

An combined overall GPA of “C” (2.00) or better is required for all courses used to fulfill the requirements of the major.

*These courses require a lab
+May also be used to satisfy University Studies Foundations & Approaches and Perspectives requirements

**Requirements to declare CSC:** Completion of 24 hours
For further information, see the CSC website: [http://www.uncw.edu/csc](http://www.uncw.edu/csc)

This document is considered an unofficial guide. Please refer to your degree audit for the latest updates. 5/10/2021