B. S. Computer Science (CSC)
College: Arts & Sciences
Option 2: Statistics (STT) Concentration

Course requirements for all UNCW degrees include: (1) University Studies, (2) specific major requirements, and (3) sufficient elective hours for a combined total of a minimum of 120 hours.

**MAJOR REQUIREMENTS – CSC Option 2 – STT** (Minimum 73 hours)

**Core Courses:** (55 hours)

- +CSC 131 Introduction to Computer Science (4) Prerequisite: MAT 111 or 115
- +CSC 133 Discrete Mathematical Structures (3) Prerequisite: MAT 111 or 115, or equivalent
- CSC 231 Introduction to Data Structures (4) Prerequisite: CSC 131 with a grade of “C” or better, Corequisite: CSC 133
- CSC 242 Computer Organization (3) Prerequisites: CSC 131 with a grade of “C” or better and 133
- CSC 331 Object-Oriented Programming and Design (3) Prerequisite: CSC 231 with a grade of “C” or better
- CSC 344 Computer Networks (3) Prerequisite: CSC 231 with a grade of “C” or better and CSC 242
- CSC 360 Formal Languages and Computability (3) Prerequisites: CSC 231 with a grade of “C” or better and 242
- CSC 380 Design and Analysis of Algorithms (3) Prerequisites: CSC 133, 231 with a grade of “C” or better, and MAT 161
- +*MAT 161 Calculus with Analytical Geometry I (4) Prerequisite: MAT 112 or 115 or equivalent preparation
- *MAT 162 Calculus with Analytical Geometry II (4) Prerequisite: MAT 161

**Statistics Concentration:** (18 hours)

- +STT 215 Introduction to Statistics (3) Prerequisite: Satisfactory performance on the UNCW math test or MAT 105
- **Choose 6 additional hours in CSC at the 300-400 level; must be approved by advisor.**
- **Choose 12 additional hours in STT at the 300-400 level.**

A grade point average of “C” (2.00) or better computed over the CSC courses and all the courses used to fulfill the requirements of the major are required.

*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. 4/15/2019