

B. S. Computer Science (CSC)*College: Arts & Sciences*

Option 2- Digital Arts

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 124 hours.

MAJOR REQUIREMENTS – CSC Option 2 – Digital Arts (Minimum 76 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
- ____ CSC 385 Professional and Ethical Issues in Computer Science (3) Prerequisites: ENG 101 or equivalent and junior/senior standing in computer science or information technology (Meets **Oral Communication Requirement**)
- ____ CSC 434 Programming Languages (3) Prerequisites: CSC 331 with a grade of “C” or better and 360
- ____ CSC 450 Software Engineering (3) Prerequisites: CSC 331 with a grade of “C” or better and senior standing (Meets **Applied Learning Requirement**)
- ____ CSC 455 Database Design and Implementation (3) Prerequisite: CSC 331 with a grade of “C” or better (Meets **Applied Learning Requirement**)
- ____ +*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
- ____ +BAN 280 Statistical Analysis for Business and Economics (3) Prerequisite: MAT 111
- or +STT 215 Introduction to Statistics (3) Prereq: Satisfactory performance on the UNCW math test or MAT 105
- ____ CSC _____ Choose 6 additional hours in CSC at the 300-400 level; must be approved by advisor.
- ____ CSC _____

Digital Arts Concentration: (24 hours) Complete requirements for Digital Arts Minor

Note: ART 101 is a prerequisite for ART 260. ART 260 should also be taken CSC 220 (ART220)(FST 220).

- ____ +ARH 202 Renaissance Through Early Twentieth Century (3)
- ____ ART 101 Two-Dimensional Design (3) Studio Art majors and Digital Arts minors only or consent of instructor
- ____ ART 260 Introduction to Graphic Design (3) Prerequisite: ART 101 or consent of instructor
- ____ MIS 310 Web and Device Development Languages (3) Prerequisite: CIT 110 or MIS 213.
- ____ CSC 112 Introduction to Computer Programming (3) Prereq: MAT 111 or 115
- or CSC 131 Introduction to Computer Science (4) Prereq: MAT 111 or 115
- or MIS 216 Introduction to Business Application Development (3)
- or MIS 316 Business Application Development (3) Prerequisite: MIS 216 or CSC 112 or CSC 131
- ____ CSC 220 (ART, FST) 3-D Computer Graphics Tools & Literacy (3) Prereq: CSC 105, 131 or consent of instructor
- ____ 6 hours of electives – at least 3 hours must be at the 300 level or above, and at least 3 hours of electives must be chosen outside of the student’s major department. CSC 315, 320, 368, 370, 421, 430, 475, 491; ARH 202, 206, 308, 386, ART 280, 282, 311, 312, 320, 341, 343, 360, 365, 380, 382, 411, 412, 475, 491, 495, CIT 410, COM +160, +211, 280, 380,480,491, CRW 210, 301, 302, 318, 320, 330, 331, 332, 333, 368, 392, 393, 394, 397, 398, 430, 491, 495, 497, MUS 110, 210, 310, 491, THR 211, 305, 306, 411, 491.

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> and <http://catalogue.uncw.edu>.

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