

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 73-79 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, Corequisite: CSC 133
- _____ CSC 242 Computer Organization (3) Prerequisites: CSC 131 and 133
- _____ CSC 331 Object-Oriented Programming and Design (3) Prerequisite: CSC 231
- _____ CSC 344 Computer Networks (3) Prerequisite: CSC 231 and 242
- _____ CSC 360 Formal Languages and Computability (3) Prerequisites: CSC 231 and 242
- _____ CSC 380 Design and Analysis of Algorithms (3) Prerequisites: CSC 133, 231, 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 and 360
- _____ CSC 450 Software Engineering (3) Prerequisites: CSC 331 and senior standing (Meets **Applied Learning Requirement**)
- _____ CSC 455 Database Design and Implementation (3) Corequisite: CSC 331
- _____ +*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
- _____ +QMM 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

- _____ ART 101 Two-Dimensional Design (3)
- _____ ART 260 Introduction to Graphic Design (3) Prerequisite: ART 101 or consent of instructor
- _____ CSC 204 Multimedia Systems (3) Prerequisite: CSC 110 or equivalent
- _____ CSC 220 3-D Computer Graphics Tools & Literacy (3) Prereq: CSC 105, 131 or consent of instructor
- _____ CSC 310 Web Page Development (3) Pre-requisite: CIT 110
- _____ CSC 320 Computer Animation (3) Prerequisite: CSC 220 or consent of instructor
- _____ or COM 280 Introduction to Digital Video Production (3) Prerequisites: a grade of B or better in COM 105 or consent of instructor.
- _____ or FST 201 Introduction to Film Production (3) Prerequisite: FST 200 and FST major, Corequisite: FST 205
- _____ Choose 6 hours of electives at the 300-level of above and at least 3 elective hours outside a student's major department: CSC 320, 370, 421, 430, 475, 491; ARH 201, 202, 206, 308, 386, ART 280, 282, 311, 312, 320, 341, 343, 360, 365, 382, 411, 412, 475, 491, 495, CIT 410, COM +160, +211, 286, 380, 387, 480, 482, 491, CRW 210, FST 220, 301, 302, 318, 320, 330, 331, 332, 333, 368, 392, 393, 394, 397, 398, 430, 495, 497, MUS 110, 210, 310, 491, THR 211, 305, 411.

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.