### 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 231 and 133
- **CSC 331**  Object-Oriented Programming and Design (3) Prerequisite: CSC 231
- **CSC 344**  Computer Networks (3) Prerequisite: CSC 231 and 242
- **CSC 350**  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

**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) Prerequisite: CSC 105, 131 or consent of instructor
- **CSC 310**  Web Page Development (3) Prerequisite: CIT 110
- **CSC 320**  Computer Animation (3) Prerequisite: CSC 220 or consent of instructor
- **COM 280**  Introduction to Digital Video Production (3) Prerequisites: a grade of B or better in COM 105 or consent of instructor.
- **FST 201**  Introduction to Film Production (3) Prerequisite: FST 200 and FST major, Corequisite: FST 205

Choose 6 additional hours in CSC at the 300-400 level; must be approved by advisor.

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