



Department of Computer Science and
Information Technology College of Science, Technology,
Engineering, and Math (2026-27)

Suggested Curriculum Guide for BS Computer Science, Interactive Multimedia Concentration

Freshman (1st Semester) 16 hrs

GSD 101
CSC 185- Intro to Computer Concepts
CSC 190- Object-Oriented Programming I
^G*MAT 234 (*fulfills Gen. Ed. 2*)- Calculus I
INF 123- Exploring Virtual Worlds
Gen. Ed. 1A (*ENG 101*)

Sophomore (1st Semester) 15 hrs

CSC 310- Data Structure
CSC 313- Database Systems
CSC 315- 3D Modeling
MAT 239- Linear Algebra & Matrices
Gen. Ed. 1B (*ENG 102*)

Junior (1st Semester) 14-15 hrs

CSC 338- Fundamentals of Cybersecurity
CSC 499- Computer Science Career Preparation
CSC 550- Graphics Programming
MUS 290 (*fall only*)- Film Scoring
^GPHY 201 (*fulfills Gen. Ed. 4*)- University Physics I

Senior (1st Semester) 15 hrs

CSC 491- Console Game Design
CSC 520 or 555- Multimedia Sys. & Forensics or Topics in Multimedia:
EET 252- Digital Electronics
Gen. Ed. Course
Free Elective (or Gen. Ed Course)

Freshman (2nd Semester) 13 hrs

CSC 140- Introduction to Computer game Design
CSC 191- Object-Oriented Programming II
CSC 195- Intro to Discrete Structures
MAT 244- Calculus II

Sophomore (2nd Semester) 16 hrs

CSC 308- Mobile App Dev for iOS
CSC 316- 3D Game Engine Design
CSC 340- Ethics & Software Engineering
*STA 270- Applied Statistics I
Gen. Ed. Course

Junior (2nd Semester) 15 hrs

^GART 200 (*fulfills Gen. Ed. 3A*) or ART 100 (*ART 100 does not fulfill Gen. Ed. 3A*)
^GBEM 200 (*fulfills Gen. Ed. 5B*)- Mass Media and Society
CSC 494, 495, or 496- Innovative Problem Solving, Independent Work, or Senior Seminar
†CSC Restricted Elective
Gen Ed. Course
Free Elective

Senior (2nd Semester) 15-16 hrs

CSC 491- Console Game Design
Gen Ed. Course
Gen. Ed. Course
Free Elective
Free Elective

^G Denotes that 3 credit hours from this course are/can be applied to fulfill a Gen. Ed. requirement.

UNIVERSITY GRADUATION REQUIREMENTS

Total hours University Graduation Requirements

33 hours

MAJOR REQUIREMENTS

Core Courses

CSC 185, CSC 190, CSC 191, CSC 195, CSC 308, CSC 310, CSC 313, CSC 338, CSC 340, CSC 499

28 hours

Concentration Requirements

CSC 140, CSC 315, CSC 316, CSC 491, CSC 550, CSC 520 or CSC 555

25 hours

PLUS ONE (1) COURSE selected from CSC 300 level or above except for CSC 349. (restricted elective)

PLUS ONE (1) HOUR selected from:
CSC 494, CSC 495, CSC 496

Supporting Course Requirements

.. 28-31 hours

ART 100 or ^GART 200, ^GBEM 200, EET 252, INF 123, INF 391, ^G*MAT 234, *MAT 239, *MAT 244, *MUS 290, ^G*PHY 201, STA 270

Free Electives

3-6 hours

Total Curriculum Requirements

120 hours