

4-year Plan, Game Computing

*Indicates prerequisite for later courses

Year 1 Fall Semester

DSN S 1310 Drawing	4
GAME 2020 Game Design Fundamentals	3
ENGL 1500 or General Ed	3
*Math 1400 (can skip through satisfactory placement assessment) or General Ed	3
GAME 2720 or 2730	3
Total Credits	16

Year 1 Spring Semester

COM S 1270 Introduction to Programming	3
ARTIS 2120 Studio Fundamentals: Digital Media	3
GAME 2030 Introduction to Game Engines	3
ENGL 2500 or General Ed	3
*Math 1430 (can skip through satisfactory placement assessment) or General Ed	3
LIB 1600	1
Total Credits	16

Year 2 Fall Semester

GAME 2100 Game Career Development	2
GAME 2040 Programming for Game Engines	3
COM S 2270 Object Oriented Programming	3
ENGL 2500 or General Education	3
*Math 1650 (can skip through satisfactory placement assessment) or General Elective	3
Total Credits	14

Year 2 Spring Semester

Game 2110 Gameplay and Game Analysis	3
COM S 2280 Introduction to Data Structures	3
COM S 2300 Discrete Comp Structures	3
Game Design Explorative Elective	3
*Math 1660 (can skip through satisfactory placement assessment) or General Elective	3
Total Credits	15

Year 3 Fall Semester

Game 3010 Game Design Workshop	3
COM S 3110 Intro to Des and Analysis of Algor	3
COM S 3270 Adv Programming Techniques	3
*Math 2070, 2650, or 3170 (can skip through satisfactory placement assessment)	3
General Education	
Total Credits	15

Year 3 Spring Semester

COM S 3360 Intro to Computer Graphics	3
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Game Design Explorative Elective	3
General Education or Elective	3
General Education or Elective	3
General Education or Elective	3
Total Credits	15

Year 4 Fall Semester

Game 4010 Game Design Capstone	6
Game Computing, Elective	3
Focus Area Option or General Education or Elective	3
General Education or Elective	3
Total Credits	15

Year 4 Spring Semester

COM S 4370 Comp Game & Media Programming	3
Focus Area Option or General Education or Elective	3
Focus Area Option or General Education or Elective	3
Focus Area Option or General Education or Elective	3
General Education or Elective	3
Total Credits	15
Total 4-year Credits	121