

## Digital Art Engineering Degree Plan

First Term				
✓	Class	Title	Cr	Prerequisite
	SWE110	Computer Programming I: C	4	High school algebra
	HUM120 Or HUM130	Modern Art History	3	None
	DAA110	Sketching	3	None
	MATH143	Calculus I	4	MATH115
	ENG100	English Composition	3	Placement Test
Second Term				
✓	Class	Title	Cr	Prerequisite
	DAA115	Figure Drawing I	3	DAA110 Sketching
	SWE 212	Computer Programming II: Java	4	SWE110
	SCI 145	Physics I	4	MATH143
	HUM122 or HUM125	World Music Music in Western Culture	3	None
	MATH 144	Calculus II	3	MATH143
Third Term				
✓	Class	Title	Cr	Prerequisite
	DAA230	Intro to Sculpture	3	DAA115 Figure Drawing
	DAA240	Intro to 3D Modeling	3	DAA230 Sculpture (may be taken together)
	DAA212	Perspective and Rendering	3	DAA110 Sketching
	GEN 270	Engineering Project Management	3	ENG100
	DAA105	Color Theory	3	DAA100
Forth Term				
✓	Class	Title	Cr	prerequisite
	DAA 267	Character Rigging	3	DAA240
	DAA 264	Drawing and Animation I	3	DAA115 Figure Draw, DAA212 Perspective & Rendering (may be taken together)
	MATH 320	Engineering Mathematics II: Geometry	3	GEN310, MATH 134
	GEN 295	Sophomore Project	3	SCI 245, GEN 270, SWE310
	HUM227 or HUM230	Film History History of Animation	3	ENG100
	HUM200	History of the Modern World	3	ENG100

## Digital Art Engineering Degree Plan Continued

Fifth Term				
✓	Class	Title	Cr	prerequisite
	DAA340	Modeling I	3	DAA240, Specialization Status
	SWE 315	Computer Programming III: OOP/C++/C#	4	SWE310
	SWE 310	Data Structures and Algorithms	4	SWE110, GEN310 Discrete Math
	ENG227 Or ENG228	Scriptwriting  Creative Writing	3	ENG100  ENG100
	SSC200	U.S. Government	3	ENG100
Sixth Term				
✓	Class	Title	Cr	prerequisite
	DAE	Elective	3	
	DAE	Elective	3	
	SWE340	Engineering Project 1	3	SWE310
	DAA 360	3D Animation I	3	DAA265, DAA267
	SWE 371	Scripting Languages	3	SWE310
	HUM361	Contemporary Ethical Issues	3	HUM200 and SSC200 and ENG210
Seventh Term				
✓	Class	Title	Cr	prerequisite
	DAA350	Game 1	3	DAA207
	SWE 447	GUI and Graphics Programming	3	
	SWE 449	Tools Programming	3	SWE447
	GEN480	Senior Project I: Design and Proposal	3	Senior standing, permission of adviser
	ENG310 Or ENG320	Classics of Western Drama  Classics of World Drama	3  3	ENG310 and HUM227 or HUM230  ENG310 and HUM227 or HUM230
Eighth Term				
✓	Class	Title	Cr	prerequisite
	DAE	Elective	3	
	GEN 485	Senior Project II: Implementation	3	GEN480
	SSC332	Global Political Economics	3	HUM200 and SSC200
	HUM400	General Education Capstone Research Project	3	ENG310 or ENG320 and SSC332 and HUM361 and senior status