

Computer Animation & Game Development Core

Course	Description	Units
CAGD Core (8 courses)		21
CAGD 110	Computer-Assisted Art I	3
CAGD 112	Digital Photography	3
CAGD 180	Scripting and Programming for Comp	3
CAGD 230	Digital Modeling	3
CAGD 320	Digital Texturing	3
CAGD 495	Advanced Production	3
CAGD 489/499	Internship or Special Prob	3
Total CAGD Core		21

Animation Production Option Animation Grouping

Course	Description	Units
Required Courses (6 courses)		18
CAGD 117	Concept Design and Storyboarding	3
CAGD 240	Digital Animation	3
CAGD 250	Intro Technical CGI	3
CAGD 345W	Advanced Animation Pre-Production	3
CAGD 493	Senior Portfolio	3
CAGD 495	Advanced Production	3
Animation Grouping Technical Selections (5 courses)		15
CAGD 325	Motion Capture	3
CAGD 340	Computer Animation	3
CAGD 374W	Interactive Storytelling for Video Gam	3
CAGD 432	3-D Character Rigging	3
CAGD 441	3-D Character Animation	3
Total Animation Production Option Animation Grouping		33

Interdisciplinary Program Selections

Course	Description	Units
IP Courses Selections (5 courses)		15
ARTH 110	Art History Survey: Prehistory to Med	3
ARTH 120	Art History Survey: Renaissance to 11	3
ARTH 130	Art History Survey: 1800 to the Prese	3
ARTS 122	2D Design	3
ARTS 123	3D Design	3
ARTS 125	Basic Drawing	3
ARTS 126	Basic Life Drawing	3
ARTS 227	Introduction to Painting	3
ARTS 260	Introduction to Ceramics	3
ARTS 325	Intermediate Drawing	3
ARTS 326	Intermediate Life Drawing	3
ARTS 425	Advanced Drawing	3
ARTS 426	Advanced Life Drawing	3
CSCI 111	Programming and Algorithms I	4
CSCI 211	Programming and Algorithms II	4
MATH 217	Discrete Math	3
CSCI 311	Algorithms and Data Structures	4
CSCI 430	Software Engineering	3
CSCI 566	Computer Graphics Programming	3
CSCI 567	Mobile Application Development	3
CSCI 580	Artificial Intelligence	3
MADT 103W	Writing for Screen Media (W)	3
MADT 141	Media Aesthetics	3
MADT 216	Introduction to Digital Audio in Media	3
MADT 222	Basic Web Design	3
MADT 261	Foundations of Electronic Media	3
MADT 266	Field Video Production	3
MADT 283	Digital Fundamentals	3
MADT 314	Rich Internet Media Design I	3
MADT 322	Advanced Web Design	3
MADT 433	Human Factors	3
MADT 466	Studio Video Production	3
MADT 468	Video Production Workshop	3
THEA 112	Acting and Social Wellness	3
Total Interdisciplinary Electives Units		15

B.S. Computer Animation & Game Development Animation Production - Animation

Unit Summary	
CAGD Core Requirements	21
Animation Production Option Anim:	18
Animation Grouping Selections	15
Interdisciplinary	15
Foundation General Education	18
Lower Division General Education	15
Upper Division General Education	9
American Institutions	6
Double Counted CAGD 110 GE C1	-3
Electives	6
Total Degree	120

Animation
Animation

Animation

Animation

Animation