

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

Five-Semester Transfer Degree Plan

Fall Start - completed all Lower-Division GE and IP

2022 - 2023 University Catalog

Total Units 78

CAGD Major Animation Production Opt	Units	GE & Electives	Units
Lower Division Core (LD)	12	General Education	12
Upper Division Core (UD)	9	Electives	0
Animation Production Core (AP)	18	Other	
Animation Grouping Selections (Animati	15		
Interdisciplinary (IP)	15	Double Counted	-3
Major Total Units	69	Other Total Units	9

Fall 2021				Spring 2022			
Course	Description	Units	CAGD	GE ¹	Course	Description	Units
ARTS 125	Basic Drawing	3	IP				
ARTS 126	Basic Life Drawing	3	IP				
THEA 112	Acting and Social Wellness	3	IP				
IP 4	Interdisciplinary Program Selection	3	IP				
IP 5	Interdisciplinary Program Selection	3	IP				
Semester Total		15			Semester Total		0
Intersession 2022				Summer 2022			
Intersession Total		0			Summer Total		0
Fall 2022				Spring 2023			
CAGD 110	Computer-Assisted Art I	3	LD	C1	CAGD 240	Digital Animation	3 AP
CAGD 112	Digital Photography	3	LD		CAGD 250	Intro Technical CGI	3 AP
CAGD 117	Concept Design and Storyboarding	3	AP		CAGD 320	Digital Texturing	3 UD
CAGD 180	Scripting and Programming for Computer	3	LD				
CAGD 230	Digital Modeling	3	LD		UD SS	UD Social Sciences	3 UD SS
Semester Total		15			Semester Total		12
Intersession 2023				Summer 2023			
Intersession Total		0			Summer Total		0
Fall 2023				Spring 2024			
CAGD 325	Motion Capture	3	Animation		CAGD 432	3-D Character Rigging	3 Animation
CAGD 340	Computer Animation	3	Animation		CAGD 441	3-D Character Animation	3 Animation
CAGD 345	Advanced Animation Pre-Production and	3	AP	GW W	CAGD 495	Advanced Production	3 AP
UD NS	UD Science	3		UD NS	UD AH	UD Arts & Humanities	3 UD AH
Semester Total		12			Semester Total		12
Intersession 2024				Summer 2024			
Intersession Total		0			Summer Total		0
Fall 2024				Spring 2025			
CAGD 374	Interactive Storytelling for Video Games	3	Animation				
CAGD 493	Senior Portfolio	3	AP				
CAGD 495	Advanced Production	3	UD				
CAGD 489	Internship or Special Prob	3	UD				
Semester Total		12			Semester Total		0
Intersession 2025				Summer 2025			
Intersession Total		0			Summer Total		0

¹General Education refer to GE planning sheet; one USD and one GC course needed to meet GE Diversity requirements.

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

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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 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 Medi	3
ARTH 120	Art History Survey: Renaissance to 14	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

Fall 2021 Fall 2021

Fall 2021 Animation
Fall 2021 Animation

Animation

Animation

Fall 2021 Animation