

COMPUTER GAME DESIGN, BFA

Banner Code: AR-BFA-GAME

Jeremy Tuohy, Academic Advisor

2020 Art and Design Building
Fairfax Campus

Phone: 703-993-2041

Email: wtuohey@gmu.edu

Website: game.gmu.edu/project/undergraduate/

The 120-credit Computer Game Design program enables students to focus on the artistic components of computer game design while providing them with the technical skills prerequisite to the field.

Admissions & Policies

Policies

Upper-Level Credits

All undergraduate students are required to complete a minimum of 45 credits of upper-division courses at the 300-499 level. Fulfilling degree requirements does not guarantee this requirement will be met.

Major GPA

All GAME undergraduate students must earn a minimum 2.00 cumulative GPA in their major. All GAME courses except GAME 101 Introduction to Game Design (Mason Core), GAME 250 Music for Film and Video, and GAME 367 Writing and Editing Music and Sound must be passed with a grade of C or better.

Requirements

Degree Requirements

Total credits: 120

Mason Core

ENGH 101	Composition (Mason Core) ¹	3
ENGH 302	Advanced Composition (Mason Core)	3
AVT 180	New Media in the Creative Arts (Mason Core)	3
CS 105	Computer Ethics and Society (Mason Core)	1
MATH 113	Analytic Geometry and Calculus I (Mason Core)	4
Select one from the following:		4
PHYS 103	Physics and Everyday Phenomena I (Mason Core)	
PHYS 160 & PHYS 161	University Physics I (Mason Core) and University Physics I Laboratory (Mason Core) (or another laboratory science course approved by advisor)	

PSYC 100	Basic Concepts in Psychology (Mason Core)	3
Total Credits		21

¹ Nonnative speakers of English with limited proficiency in the language may substitute ENGH 100 Composition for Multilingual Writers (Mason Core) for ENGH 101 Composition (Mason Core). Students must attain a minimum grade of C in ENGH 100 Composition for Multilingual Writers (Mason Core) or ENGH 101 Composition (Mason Core), as well as ENGH 302 Advanced Composition (Mason Core), to fulfill degree requirements.

Non-Specific Mason Core Requirements

Oral Communication	3
Arts	3
Literature	3
Natural Science ¹	4
Western Civilization/World History	3
Global Understanding	3
Total Credits	19

¹ including laboratory

Approved courses may be found under the Mason Core section of this catalog.

Major Core

AVT 104	Two-Dimensional Design and Color (Mason Core)	4
CS 112	Introduction to Computer Programming (Mason Core)	4
GAME 210	Basic Game Design	3
GAME 230	History of Computer Game Design	3
GAME 231	Computer Animation for Games	3
GAME 232	Online and Mobile Gaming	3
GAME 250	Music for Film and Video	3
GAME 300	Portfolio Preparation	1
GAME 310	Game Design Studio	3
GAME 330	Computer Game Platform Analysis	3
GAME 331	Consumer Gaming Platform Analysis Lab	1
GAME 332	RS: Story Design for Computer Games	3
GAME 367	Writing and Editing Music and Sound	3
GAME 398	Advanced Game Design Animation	3
GAME 410	Advanced Game Design Studio	3
GAME 489	Pre-Internship Seminar	1
Six credits of		6
GAME 490	Senior Game Design Capstone (Mason Core) (Must be taken twice for 3 credits each)	
GAME 491	Internship	3-4
Total Credits		53-54

Digital Media Electives

Select at least 12 credits from the following (or another course approved by your advisor): 12

AVT 280	Introduction to New Media Arts
AVT 354	Digital Photography II
AVT 382	2D Experimental Animation
AVT 383	3D Experimental Animation
AVT 390	Video Art
AVT 482	Advanced Image Making
AVT 487	Advanced Topics: New Media Art
ENGH 372	Introduction to Film (Mason Core)
FAVS 399	Special Topics in Film and Video Studies
GAME 320	Digital Painting for Games
GAME 399	Special Topics
GAME 431	Advanced Game Animation I
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Total Credits	12

Visual Arts Electives

Select 6-8 credits from the following (or another course approved by your advisor): 6-8

AVT 215	Typography (Mason Core)
AVT 217	Introduction to Web Design
AVT 222	Drawing I (Mason Core)
AVT 232	Painting I (Mason Core)
AVT 243	Printmaking I (Mason Core)
AVT 252	Darkroom Photography I (Mason Core)
AVT 262	Sculpture I (Mason Core)
AVT 311	Graphic Design Methods and Principles
AVT 323	Drawing II
AVT 324	Figure Drawing
AVT 333	Painting II
AVT 337	Figurative Painting
AVT 343	Printmaking II
AVT 353	Darkroom Photography II
AVT 363	Sculpture II
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Total Credits	6-8

General Electives

Select 6-9 credits of General Electives 6-9

Total Credits	6-9
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