

Game Design Bachelor of Science

Degree Type

Bachelor of Science

Environment

campus

Program Length

80 weeks

Overview

The Game Design curriculum is comprised of high-level game design and production courses that will take you deep into the game development pipeline. You will develop and expand your project and design skills through hands-on exercises in leadership, team management, game design, and marketing, while learning skills required to advance a career in the game production industry. In addition to strengthening these skills, the Game Design curriculum has foundational courses focusing on professional writing and mythology. This well-rounded education will help you hone leadership, design, and project-management skills in preparation for advancing through the game industry.

Objective

Bachelor's Objective The Game Design Bachelor of Science degree program will focus on the knowledge and understanding of game development necessary to be successful in qualifying for entry-level design and production positions. Completion of this degree program will greatly enhance your ability to work in a production role in the fast-paced environment of a game studio. The curriculum in this program develops your executive leadership skills and project and team-management abilities, and teaches the production methodologies and creative- and analytical-thinking skills required for game design. The Game Design Bachelor of Science degree program was designed to prepare students to qualify for entry-level industry positions in the fields of game design, quality-assurance testing, level design, game scripting, and a variety of others in the game and entertainment industries.

Month 1

Month 1

Code	Title	Credit Hours
GEN1011	Creative Presentation	3.0
DEP1013	Psychology of Play	3.0

Month 2

Month 2

Code	Title	Credit Hours
TEM1001	Technology in the Entertainment and Media Industries	4.0
GDN1151	Design Tools	4.0

Month 3

Month 3

Code	Title	Credit Hours
MAD1100	Discrete Mathematics	4.0

Month 4

Month 4

Code	Title	Credit Hours
GDN1232	Introduction to Game Design	4.0
PHY1020	Fundamentals of Physical Science	4.0

Month 5

Month 5

Code	Title	Credit Hours
GDN1009	Introduction to Programming	3.0

Month 6

Month 6

Code	Title	Credit Hours
GDN119	Project and Portfolio I: Game Design	3.0
ENC1101	English Composition I	4.0

Month 7

Month 7

Code	Title	Credit Hours
GDN2111	Scripting for Designers I	3.0
GDN2123	Systems Design	4.0
GDNC111	Professional Development Seminar I: Game Design	1.0

Month 8

Month 8

Code	Title	Credit Hours
GDN2112	Scripting for Designers II	4.0
GDN3232	Building Functional Groups	4.0

Month 9

Month 9

Code	Title	Credit Hours
GDN2211	Level Design I	4.0

Month 10

Month 10

Code	Title	Credit Hours
GDN228	Project and Portfolio II: Game Design	3.0
GDNC222	Professional Development Seminar II: Game Design	1.0

Month 11

Month 11

Code	Title	Credit Hours
GDN3251	Game Mechanics I	3.0
ENC3110	Technical Writing	4.0

Month 12

Month 12

Code	Title	Credit Hours
GDN3361	Analytics and Decision-Making	3.0
STA3026	Statistics	4.0

Month 13

Month 13

Code	Title	Credit Hours
GDN3311	Level Design II	3.0
GDN338	Project and Portfolio III: Game Design	3.0

Month 14

Month 14

Code	Title	Credit Hours
GDN3113	Scripting for Designers III	3.0
GDN3252	Game Mechanics II	3.0

Month 15

Month 15

Code	Title	Credit Hours
GDN4003	Systems Progression	3.0
HIS3320	Historical Archetypes and Mythology	4.0

Month 16

Month 16

Code	Title	Credit Hours
GDN348	Project and Portfolio IV: Game Design	3.0
GDN4235	Production and Planning	3.0

Month 17

Month 17

Code	Title	Credit Hours
GDN4542	Game Design Preproduction	4.0

Month 18

Month 18

Code	Title	Credit Hours
GDN4920	Game Systems Integration	4.0
GDN358	Project and Portfolio V: Game Design	3.0

Month 19

Month 19

Code	Title	Credit Hours
GDN4318	Game Balancing	3.0

Month 20

Month 20

Code	Title	Credit Hours
GDN468	Project and Portfolio VI: Game Design	3.0
CRR4000	Career Readiness	4.0
Total Credit Hours		120

Please Note

- This program is no longer accepting new enrollments.
- Some specific courses may be offered online. Please see course descriptions for details.