B.S. IN GAME DESIGN MAJOR: Sample 4-Year Plan (2024-2025)

FRESHMAN (30 hours)

Fall Semester (15 hours)	Spring Semester (15 hours)
☐ COR 1002 Gateway Seminar	☐ EGL 1023 English II
☐ EGL 1013 English I	☐ BBL 1023 New Testament Survey
☐ BBL 1013 Old Testament Survey	☐ MTH 1153 Linear Algebra
☐ MTH 1163 Calculus I	☐ PSY 1013 Intro to Psychology
☐ CS 1233 Object-Oriented Programming	☐ ART 1123 Computer Graphics
☐ CS 1301 Introduction to Game Design	

SOPHOMORE (30 hours)

Fall Semester (15 hours)	Spring Semester (15 hours)
☐ HST 2013 Integrated Humanities I	☐ HST 2023 Integrated Humanities II
☐ Natural Science Elective I*	☐ ART 2273 3D Modeling for Des & Illustrators
☐ ART 2613 Digital Illustration	☐ EGL 2273 Intro to Creative Writing
☐ MTH 2213 Discrete Mathematics**	☐ CS 3333 Game Design I (Spring even year)
☐ Statistics Elective*	☐ PSY 3423 Social Psychology (Spring only)

JUNIOR (28 hours)

Fall Semester (15 hours)	Spring Semester (13 hours)
☐ BBL 2013 Evangelical Theology	☐ BBL 2022 Christian Formation
☐ Natural Science Elective II*	☐ Whole Person Wellness Elective*
☐ Literature Elective*	☐ CS 3343 Game Design II (Spring odd year)
☐ Physics Elective *	☐ Minor/Elective*
☐ Minor/Elective*	☐ Minor/Elective*

SENIOR (30 hours)

Fall Semester (15 hours)	Spring Semester (15 hours)
☐ EN 4113 Capstone I	☐ EN 4123 Capstone II
☐ Intercultural Engagement Elective*	☐ Minor/Elective*
☐ Minor/Elective*	☐ Minor/Elective*
☐ Minor/Elective*	☐ Minor/Elective*
☐ Minor/Elective*	☐ Minor/Elective*

Revised 4/16/2024

*See the Academic Catalog for the list of classes that meet this criteria.
**See requisites to take this course.
(Students must complete a minor, a double major, or a dual degree plus electives as necessary to complete the minimum of 120 hours total)

MINORS for BS – Game Design
(Option for at least one of the following Minors) - 18 hours

Artificial Intelligence

- ☐ CS 1233 OOP
- ☐ CS 2243 Data Structures
- ☐ CS 3643 Artificial Intelligence
- ☐ CS 3773 Big Data & Cloud Computing
- ☐ CS 4023 Advanced Computing Concepts
- ☐ CYB 7103 Cybersecurity Foundations (Online)

Full Stack Development

- ☐ CS 1233 OOP
- ☐ CS 2423 Web Applications
- ☐ CYB 7103 Cybersecurity Foundations (Online)
- ☐ CS3683 Advance Java Programming
- ☐ CS3473 Advanced Web Applications
- ☐ CS4083 Software Testing & Quality Assurance

Cybersecurity

- ☐ CS 1113 Intro to Computing

Any ONE

- ☐ BUS 2193 Business Statistics (On Campus and Online)
- ☐ MTH 1003 Introduction to Statistics (On Campus and Online)
- ☐ MTH 2103 Applied Statistics for Scientists (On Campus)

Any FOUR

- ☐ CYB 7103 Cybersecurity Foundations (Online)
- ☐ CYB 7223 Network and Cloud Security (Online)
- ☐ CYB 7233 Information Technology Risk Management (Online)
- ☐ CYB 7243 Web Application Security (Online)
- ☐ CYB 7433 Incident Management (Online)

Computer Science

- ☐ CS1233 Object-Oriented Programming

Five of the Following

- ☐ CS 1513 Java Programming
- ☐ CS 2173 Computer Networking
- ☐ CS 2243 Data Structures and Algorithms
- ☐ CS 2423 Web Applications
- ☐ CS 2823 C# & dotNET
- ☐ CS 3213 Computer Architecture & Operating System
- ☐ CS 3363 Database Design
- ☐ CS 3443 Machine Learning
- ☐ CS 3473 Advanced Web Applications
- ☐ CS 3533 Software Engineering
- ☐ CS 3643 Artificial Intelligence
- ☐ CS 3683 Advanced JAVA Programming
- ☐ CS 3773 Big Data & Cloud Computing
- ☐ CS 4023 Advanced Computing Concepts
- ☐ CS 4083 Software Testing & Quality Assurance
- ☐ CYB 7103 Cybersecurity Foundations *(Online)*
- ☐ CYB 7223 Network and Cloud Security *(Online)*

Data Analytics

Any One

- ☐ CS 1113 Intro to Computing
- ☐ CS 1233 Object Oriented Programming

Any One

- ☐ BUS 2193 Business Statistics
- ☐ MTH 1003 Introduction to Statistics
- ☐ MTH 2103 Applied Statistics for Scientists

Any TWO

- ☐ DAT 3113 Basic Data Analytics
- ☐ DAT 4253 Business Decision Modeling & Predictive Analysis
- ☐ DAT 4313 Data Visualization

Any TWO

- ☐ CS 2243 Data Structures and Algorithms
- ☐ CS 3363 Database Design
- ☐ CS 3643 Artificial Intelligence
- ☐ CS 3773 Big Data & Cloud Computing