



# Bachelor of Science in Faith-Infused Gaming Technologies

The Bachelor of Science in Faith-Infused Gaming Technologies at Ebed-Melech University blends the dynamic field of gaming technologies with a faith-based perspective. This four-year program equips students with the skills and knowledge to excel in the gaming industry while integrating faith principles into their work and creative vision.

# Program Overview

## 120 Credit Hours

Comprehensive curriculum covering gaming technologies and faith integration

## 100% Online

Flexible learning designed for your schedule and lifestyle

## 4&8 Week Classes

Accelerated format for faster degree completion

## 3-4 Years

Complete your degree at your own pace





# Foundation Year: Building Your Skills

## Semester 1

- ENG 101 – English Composition I (3 credits)
- MAT 103 – College Algebra (3 credits)
- CSC 201 – Introduction to Computer Science (3 credits)
- REL 101 – Introduction to World Religions (3 credits)
- Elective Course (3 credits)

## Semester 2

- ENG 102 – English Composition II (3 credits)
- MAT 104 – Statistics for Gaming Technologies (3 credits)
- CSC 202 – Introduction to Game Development (3 credits)
- CHM 101 – Introduction to Chemistry (3 credits)
- Elective Course (3 credits)

Your first year establishes a strong foundation in core academic skills, computer science fundamentals, and faith perspectives. You'll begin exploring game development while building essential knowledge in mathematics, writing, and religious studies.

# Sophomore Year: Core Gaming Technologies



## Semester 3

- CSC 205 – Data Structures and Algorithms (3 credits)
- CSC 203 – Game Design and Storytelling (3 credits)
- MAT 204 – Linear Algebra for Gaming (3 credits)
- REL 207 – Biblical Perspectives on Technology (3 credits)
- Elective Course (3 credits)



## Semester 4

- CSC 206 – Virtual Reality and Augmented Reality (3 credits)
- CSC 204 – Game Development Tools (3 credits)
- MAT 232 – Discrete Mathematics for Gaming (3 credits)
- REL 218 – Faith and Innovation (3 credits)
- Elective Course (3 credits)

Your second year dives deeper into gaming technologies with courses in data structures, game design, VR/AR, and development tools. You'll explore how faith intersects with technology and innovation while strengthening your mathematical foundations.



# Junior Year: Advanced Development

## Semester 5

- CSC 301 – Advanced Game Development (3 credits)
- CSC 302 – Game Testing and Quality Assurance (3 credits)
- MAT 301 – Probability and Statistics for Gaming (3 credits)
- REL 312 – Ethics in Gaming Technologies (3 credits)
- Elective Courses (3 credits)

## Semester 6

- CSC 303 – Multiplayer Game Development (3 credits)
- CSC 304 – Game Artificial Intelligence (3 credits)
- MAT 302 – Numerical Methods for Gaming (3 credits)
- REL 343 – Theology of Gaming (3 credits)
- Elective Courses (3 credits)

The junior year focuses on advanced development techniques including multiplayer systems, AI, testing, and quality assurance. You'll examine ethical considerations in gaming and explore theological perspectives on interactive entertainment and digital culture.

# Senior Year: Specialization and Capstone



## Semester 7

Advanced VR/AR, game monetization, business models, and faith-based game design with elective specializations



## Semester 8

Capstone project demonstrating mastery of gaming technologies integrated with faith principles

## Semester 7 Courses

- CSC 401 – Advanced Virtual and Augmented Reality (3 credits)
- CSC 402 – Game Monetization and Business Models (3 credits)
- REL 407 – Faith-Based Game Design (3 credits)
- Elective Courses (6 credits)

## Semester 8 Courses

- CAP 469 – Capstone Project (6 credits)
- Elective Courses (9 credits)

# Faith Integration Throughout Your Journey

## Introduction to World Religions

Semester 1: Explore diverse faith traditions and their perspectives on technology and creativity

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## Biblical Perspectives on Technology

Semester 3: Examine how scripture informs our approach to innovation and digital creation

3

## Faith and Innovation

Semester 4: Discover how faith principles can drive creative technological advancement

4

## Ethics in Gaming Technologies

Semester 5: Navigate moral considerations in game design and player engagement

5

## Theology of Gaming

Semester 6: Develop a theological framework for understanding interactive entertainment

6

## Faith-Based Game Design

Semester 7: Create games that authentically integrate faith values and meaningful narratives

# Technical Skills You'll Master



## Game Development

Master game design, storytelling, development tools, testing, and quality assurance across multiple platforms and genres



## Artificial Intelligence

Develop intelligent game systems, NPC behaviors, and adaptive gameplay experiences using cutting-edge AI techniques



## VR & AR Technologies

Create immersive virtual and augmented reality experiences that push the boundaries of interactive entertainment



## Multiplayer Systems

Build robust online gaming platforms with seamless networking, matchmaking, and social features



## Business Models

Understand game monetization strategies, market analysis, and sustainable business practices in the gaming industry



## Advanced Mathematics

Apply linear algebra, statistics, probability, and numerical methods to solve complex gaming challenges



# Your Path to Purpose

"And who knows but that you have come to your royal position for such a time as this?"

**Esther 4:14**

This program prepares you to make a meaningful impact in the gaming industry by combining technical excellence with faith-based values. You'll graduate ready to create games that entertain, inspire, and reflect your deepest convictions about purpose, ethics, and human flourishing.

Whether you aspire to work for major gaming studios, launch your own indie game company, or create faith-based interactive experiences, this degree provides the foundation for a career that honors both your professional ambitions and spiritual calling.



# Begin Your Journey Today



## Flexible Schedule

100% online with 4-week accelerated classes designed for working professionals and traditional students alike



## Comprehensive Degree

120 credit hours combining gaming technologies, mathematics, computer science, and faith integration



## Innovation Focus

Learn cutting-edge technologies including VR, AR, AI, and multiplayer systems with ethical foundations

Join Ebed-Melech University and discover how your passion for gaming can become a calling. Our Faith-Infused Gaming Technologies program offers the perfect blend of technical training and spiritual formation to prepare you for such a time as this.