The Bachelor of Science in Interactive Entertainment and Multimedia Computing (BSIEMC) aims to train the next generation of professional game developers. Benilde's BSIEMC program is the first full game development curriculum recognized by the Commission on Higher Education.

The BSIEMC program consists of foundation courses covering programming and art. Students are given the opportunity to choose between two majors, game development or game art. Strengthened by close ties with the game development industry, seasoned practitioners serve as teachers and mentors.

CAREERS
Video Game Programmer for multiple platform (mobile, PC and web platform)
Video Game Artist (2D and 3D)
Video Game Designer, focused on game mechanics, balancing and level design
Video Game Producer
Associate Video Game Producer
Game Quality Assurance Personnel

PROGRAM LENGTH
11 Trimesters

ART AND ANIMATION SUBJECTS
Freehand and Digital Drawing
Principles of 2D Animation for Game Developers
Storyboarding and Scriptwriting for Games
Principles of 3D Animation for Game Developers
Audio and Sound Design
Advanced topics on Digital Drawing
Concept Art
Advanced 2D Animation for Game Developers
Advanced 3D Animation for Game Developers
Image and video Processing
Lighting and Effects
Compositing and Rendering
Advanced Sound Production
Level Art
Modelling and Rigging
Digital Sculpting
Texture Mapping

APPLICATION SUBJECTS
Computer Fundamentals 1
Computer Fundamentals 2
Introduction to Game Design and Development
Information Management
Advanced Game Design
User Interfaces and User Experience
Level Design
Design and Production Process
Game Production
Game Business and Monetization
Ethical Issues and Leadership in the Game Development Industry
Quality Assurance for Games
Game Mechanics
Gamification

Disclaimer: There are general education and institutional courses not listed. Courses may change without prior notice.

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