

# GAME DEVELOPMENT (B.S.)

## Recommended

- A Global Learning (GL) experience (<http://catalog.walsh.edu/undergraduate/academic-services/#globallearning>)

## Required

- General Education Requirements (<http://catalog.walsh.edu/undergraduate/general-education-curriculum/>)
- Internship

Code	Title	Hours
GDM, CSC & CSM courses are offered through the LCMC/Rize consortium		
<b>Game Fundamentals Requirements</b>		
GDM 102	Introduction to Game Design	3
GDM 201	Content & Systems Design	3
GDM 202	Game Engines I	3
GDM 400	Capstone Pro- Building A Game	3
<b>Computer Science Requirements</b>		
CSC 101	Programming For Everyone I	3
CSC 102	Programming for Everyone II	3
CSM 201	Introduction to C	3
CSM 202	Algorithms	3
CSM 204	Data Structures	3
GDM 301	Adv. Programming (C# Program)	3
GDM 302	Game Engines II	3
MATH 210A	Calculus I	3
MATH 211	Calculus II	3
<b>Additional Requirements</b>		<b>9</b>
Choice of 3		
CS 220	Discrete Patterns for Comp Sci	
MATH 230	Discrete Patterns I	
MATH 321	Prob/Statistical Infer I	
BUS 361	Project Management	
COM 285	Visual Communication	
COM 316	Digital Storytelling	
CS 221	Database Techniques	
CS 425	Software Engineering I	
<b>Total Hours</b>		<b>48</b>

Code	Title	Hours
GDM, CSC, CSM, & WDM courses are offered through the LCMC/Rize consortium		
<b>Game Fundamentals Requirements</b>		
GDM 102	Introduction to Game Design	3
GDM 201	Content & Systems Design	3
GDM 202	Game Engines I	3
GDM 400	Capstone Pro- Building A Game	3
<b>Design Fundamentals Requirements</b>		
BUS 361	Project Management	3
COM 316	Digital Storytelling	3
CSC 101	Programming For Everyone I	3
CSC 102	Programming for Everyone II	3
CSM 202	Algorithms	3
CSM 204	Data Structures	3
WDM 200	User Experience I	3
<b>Additional Requirements</b>		<b>9</b>
Choice of 3		
PSYC 201	Principles of Learning	
COM 235	Creative Digi Prac Production	
COM 285	Visual Communication	
BUS 383	Creativity & Design Thinking	
CSC 301	Web Development	
<b>Total Hours</b>		<b>42</b>

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