

**GEORGE MASON UNIVERSITY**  
**SCHOOL OF INFORMATION TECHNOLOGY AND ENGINEERING**  
**B.S. DEGREE IN APPLIED COMPUTER SCIENCE (COMPUTER GAME DESIGN CONCENTRATION)**  
**(4300 The Engineering Building, 703-993-1530)**

<http://cs.gmu.edu/programs/undergraduate/#BSACS>

**2009-2010 CATALOG**

	<u>Department(s) &amp; Course #(s)</u>	<u>Completed/ Grade(s)</u>	<u>Needed</u>
<b>GENERAL EDUCATION REQUIREMENTS (24)</b>			
a. Composition: ENGL 101 (100), 302 (C or better) (3,3)		___ ___	___ ___
b. Communication 100 (3)		___ ___	___ ___
c. Quantitative Reasoning (satisfied by completion of major requirements)			
d. Literature (3)	_____	___ ___	___ ___
e. Fine Arts (satisfied by completion of major requirements)			
f. Social Sciences:			
Western Civilization (HIST 100, 125, or acceptable transfer course) (3)	_____	___ ___	___ ___
Social & Behavioral Science (3)	_____	___ ___	___ ___
g. Natural Science (satisfied by completion of major requirements)			
h. Global Understanding (3)	_____	___ ___	___ ___
i. Information Technology (satisfied by completion of major requirements)			
j. Synthesis (3)	_____	___ ___	___ ___

Go to: <http://chss.gmu.edu/gened> to link to information on gen. ed. requirements.

**MAJOR REQUIREMENTS (93 hours required)**

a. CS 101, 105 (2,1)		a. ___ ___	___ ___
b. CS 112, 211 (4,3)		b. ___ ___	___ ___
c. CS 262, 310 (1,3)		c. ___ ___	___ ___
d. CS 330, 367 (3,3)		d. ___ ___	___ ___
e. CS 421, 465 (3,3)		e. ___ ___	___ ___
f. CS 483, ECE 301 (3,3)		f. ___ ___	___ ___
g. One CS course numbered above 400 CS _____		g. ___ ___	___ ___
h. Fourteen hours of Mathematics course work (14)			
1. MATH 113, 114 (4,4)		1. ___ ___	___ ___
2. MATH 203, 125 (3,3)		2. ___ ___	___ ___

**COMPUTER GAME DESIGN CONCENTRATION**

a. CS 225, 325 (3,3)		a. ___ ___	___ ___
b. AVT 104 (4)		b. ___ ___	___ ___
c. STAT 344 (3)		c. ___ ___	___ ___
d. CS 425, 426 (3,3)		d. ___ ___	___ ___
e. CS 451 (3)		e. ___ ___	___ ___
f. AVT 382, 383 (4,4)		f. ___ ___	___ ___
g. Two approved electives related to game design (6) (list courses)			
_____		g. ___ ___	___ ___
h. PHYS 160/161 & 260/261 (3,1 & 3,1)		h. ___ ___	___ ___

**GENERAL ELECTIVES** (List courses)

_____		___ ___	___ ___
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**MINIMUM HOURS TO GRADUATE: 120**

**UPPER DIVISION HOURS (minimum 45):**

This planning form is intended to be used in consultation with your academic advisor and reflects the requirements for the 2009-2010 Catalog; the University Catalog is the official reference for program requirements.