

**GEORGE MASON UNIVERSITY**  
**SCHOOL OF INFORMATION TECHNOLOGY AND ENGINEERING**  
**B.S. DEGREE IN APPLIED COMPUTER SCIENCE (SOFTWARE ENGINEERING 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><u>GENERAL EDUCATION REQUIREMENTS (31)</u></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 (3)	_____	_____	_____
f. Social Sciences:			
Western Civilization (HIST 100, 125, or acceptable transfer course) (3)	_____	_____	_____
Social & Behavioral Science (3)	_____	_____	_____
g. Natural Science (4,3)	_____	_____	_____
h. Global Understanding (3)	_____	_____	_____
i. Information Technology (satisfied by completion of major requirements)			
j. Synthesis (satisfied by completion of major requirements)	_____	_____	_____

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

**MAJOR REQUIREMENTS (83 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. ___ ___	___ ___

**SOFTWARE ENGINEERING CONCENTRATION**

a. STAT 250, CS 306 (3,3)		a. ___ ___	___ ___
b. SWE 205, 301 (3,0)		b. ___ ___	___ ___
c. SWE 401, 437 (3,3)		c. ___ ___	___ ___
d. Any five of the following: CS 363, 450, 455, 468, 471, 475; SWE 432, 443 (15)			
List courses taken:			
1. _____ 2. _____ 3. _____		d. ___ ___	___ ___
4. _____ 5. _____		e. ___ ___	___ ___
e. ENGL 410 (3)		f. ___ ___	___ ___
f. One of the following: PSYC 333, COMM 320, COMM 355 (3) (circle choice)			

**GENERAL ELECTIVES (List courses)**

_____		_____	_____
_____		_____	_____

**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.