

GEORGE MASON UNIVERSITY
THE VOLGENAU SCHOOL OF INFORMATION TECHNOLOGY AND ENGINEERING
B.S. DEGREE IN COMPUTER SCIENCE (4300 The Engineering Building, 703-993-1530)
<http://cs.gmu.edu/programs/undergraduate/#BSCS>
2009-2010 CATALOG

	<u>Department(s) & Course #(s)</u>	<u>Completed/ Grade(s)</u>	<u>Needed</u>
<u>GENERAL EDUCATION REQUIREMENTS (24)</u>			
a. Composition: English 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 (satisfied by completion of major requirements)		___ ___	___ ___
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 general education requirements.			

MAJOR REQUIREMENTS (91 hours required)

a. CS 101, 105 (2,1)		a. ___ ___	___ ___
b. CS 112, 211 (4,3)		b. ___ ___	___ ___
c. CS 262, 306 (1,3)		c. ___ ___	___ ___
d. CS 310, 330 (3,3)		d. ___ ___	___ ___
e. CS 367, 421 (3,3)		e. ___ ___	___ ___
f. CS 465, CS 483 (3,3)		f. ___ ___	___ ___
g. ECE 301(3)		g. ___ ___	___ ___
h. Any four of the following: CS 440, 450, 451, 455, 468, 471, 475, 480, 482, 484, 499 (CS 499 may only be used on time) (list course numbers) (12)			
1. CS _____ 2. CS _____ (CS		___ ___	___ ___
3. CS _____ 4. CS _____		___ ___	___ ___
i. Twenty-three hours of Mathematics course work (23)			
1. MATH 113, 114 (8)		1. ___ ___	___ ___
2. MATH 125, 213 (6)		2. ___ ___	___ ___
3. MATH 203 (3)		3. ___ ___	___ ___
4. STAT 344 (3)		4. ___ ___	___ ___
5. OR 481 or MATH 446 (3)		5. ___ ___	___ ___
j. Six hours of Computer Science related courses chosen from the following: (list courses) (6) OR 335, 441, 442; ECE 280, 431, 442, 447, 450, 511; PHIL 371, 376; any MATH course numbered above 300 (except MATH 351); any CS course numbered above 300; SYST 371, 470; STAT 354; SWE 432, 437, 443			
1. _____ 2. _____		___ ___	___ ___
k. Twelve hours in natural sciences courses intended for scientists and engineers; Include one of these sequences: ASTR 111 (3), 112 (1), 113 (3), 114 (1); BIOL 103 (4), 104 (4); CHEM 211 (4), 212 (4); EVPP 110 (4), 111 (4) GEOL 101 (4), 102 (4); PHYS 160 (3), 161(1), 260 (3), 261 (1) (list courses) (12)			
1. _____ 2. _____		___ ___	___ ___
3. _____ 4. _____		___ ___	___ ___
l. Three hours in arts, humanities, or social science in addition to general education requirements. This requirement can be fulfilled by any course that could satisfy a "core" GE requirement (except for the synthesis course and the natural sciences). (list course) (3)			
_____		___ ___	___ ___

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.