

GEORGE MASON UNIVERSITY
THE VOLGENAU SCHOOL OF ENGINEERING
B.S. DEGREE IN COMPUTER SCIENCE (4300 Nguyen Engineering , 703-993-1530)
<http://cs.gmu.edu/>
2012-2013 CATALOG

	<u>Department(s) & Course #(s)</u>	<u>Completed/ Grade(s)</u>	<u>Needed</u>
GENERAL EDUCATION (GE) REQUIREMENTS (24)			
a. Composition: English 101 (100), 302 (C or better) (3,3)		___ ___	___ ___
b. Communication 100 (3)		___ ___	___ ___
c. Literature (3)		___ ___	___ ___
d. Arts (3)		___ ___	___ ___
e. Western Civilization (HIST 100, 125, or acceptable transfer course)(3)		___ ___	___ ___
f. Social & Behavioral Science (3)		___ ___	___ ___
g. Global Understanding (3)		___ ___	___ ___
h. Natural Science (satisfied by completion of major requirements)			
i. Quantitative Reasoning (satisfied by completion of major requirements)			
j. Information Technology (satisfied by completion of major requirements)			
k. Synthesis (satisfied by completion of major requirements)			
Go to: http://catalog.gmu.edu/ 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, 310, 330 (1,3,3)	c. ___ ___	___ ___	___ ___
d. CS 306, ECE 301 (3,3)		d. ___ ___	___ ___
e. CS 321, 367 (3,3)		e. ___ ___	___ ___
f. CS 465, 483 (3,3)		f. ___ ___	___ ___
g. Any four of the following: CS 425, 440, 450, 451, 455, 468, 471, 475, 480, 482, 484, 499 (12) (List courses taken)			
1. _____ 2. _____ (CS 499 may only be used once)		g. ___ ___	___ ___
3. _____ 4. _____		___ ___	___ ___
h. Twenty-three hours of Mathematics course work (23)			
1. MATH 113, 114 (8)		h.1. ___ ___	___ ___
2. MATH 125, 213 (6)		2. ___ ___	___ ___
3. MATH 203 (3)		3. ___ ___	___ ___
4. STAT 344 (3)		4. ___ ___	___ ___
5. OR 481 (3) or MATH 446 (3)		5. ___ ___	___ ___
i. Six hours of Computer Science related courses chosen from the following: (list courses taken) (6) ECE 280, 431, 447, 450, 511; ENGH 388; OR 335, 441, 442; 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. _____		___ ___	___ ___
j. 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); GEOL 101 (4), 102 (4); PHYS 160 (3)/161 (1), 260 (3)/261 (1), EVPP 110 (4), 111 (4) (List courses taken) (12)			
1. _____ 2. _____		___ ___	___ ___
3. _____ 4. _____		___ ___	___ ___
k. 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 taken) (3)			
_____		___ ___	___ ___

GENERAL ELECTIVES (List courses taken)

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 2012-2013 Catalog; the University Catalog is the official reference for program requirements.