

GEORGE MASON UNIVERSITY
THE VOLGENAU SCHOOL OF ENGINEERING
B.S. DEGREE IN COMPUTER SCIENCE (4300 Nguyen Engineering , 703-993-1530)
<http://cs.gmu.edu/>
2013-2014 CATALOG

	Department(s) & Course #(s)	Completed/ Grade(s)	Needed
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)			
b. CS 112, 211 (4,3)		a. _____	_____
c. CS 262, 310, 330 (1,3,3)	c. _____	b. _____	_____
d. CS 306, ECE 301 (3,3)		d. _____	_____
e. CS 321, 367 (3,3)		e. _____	_____
f. CS 465, 483 (3,3)		f. _____	_____
g. CS 463 or 471 or 475 (3) (List course) _____		g. _____	_____
h. Four additional courses (12) chosen from: CS 425, 440, 450, 451, 455, 463, 468, 469, 471, 475, 480, 482, 484, 485, 490 499 [*] ; MATH 446 (or OR 481) (List courses taken)			
1. _____ 2. _____ (*CS 499 may only be used once)		h. _____	_____
3. _____ 4. _____		_____	_____
i. Twenty hours of Mathematics course work (20)			
1. MATH 113, 114 (8)		i. 1. _____	_____
2. MATH 125, 213 (6)		2. _____	_____
3. MATH 203 (3)		3. _____	_____
4. STAT 344 (3)		4. _____	_____
j. 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. _____		_____	_____
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); 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. _____		_____	_____
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 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 2013-2014 Catalog; the University Catalog is the official reference for program requirements.