

GEORGE MASON UNIVERSITY
The Volgenau School of Engineering
B.S. DEGREE IN APPLIED COMPUTER SCIENCE
Software Engineering Concentration
(4300 Nguyen Engineering , 703-993-1530)
<http://cs.gmu.edu/programs/undergraduate>
2012-2013 CATALOG

GENERAL EDUCATION REQUIREMENTS (31)	<u>Department(s) & Course #(s)</u>	<u>Completed/ Grade(s)</u>	<u>Needed</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. Arts (3)		_____	_____
f. Western Civilization (HIST 100, 125, or acceptable transfer course) (3)		_____	_____
g. Social & Behavioral Science (3)		_____	_____
h. Natural Science (4,3)		_____	_____
i. Global Understanding (3)		_____	_____
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 gen. ed. requirements.

MAJOR REQUIREMENTS (86 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 321, 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 344, CS 306 (3,3)	a.	_____	_____
b. SWE 205, 301, 401 (3,0,1)	b.	_____	_____
c. SWE 332, 437 (3,3)	c.	_____	_____
d. Any five of the following: CS 363, 450, 455, 468, 471, 475; SWE 432, 443 List courses taken (15):			
1. _____ 2. _____ 3. _____	d.	_____	_____
4. _____ 5. _____			
e. ENGL 388 (3)	e.	_____	_____
f. One of the following: PSYC 333, COMM 320, COMM 335 (3) (circle choice)	f.	_____	_____

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