

**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>  
**2014-2015 CATALOG**

<b>MASON CORE REQUIREMENTS (31 credits)</b>	<u>Department(s) &amp; 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 Mason Core requirements.

**MAJOR REQUIREMENTS (87 hours required)**

a. CS 101, 105 (2,1)	a.	_____	_____
b. CS 112, 211 (4,3)	b.	_____	_____
c. CS 262, 310 (2,3)	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 450, 455, 463, 468, 471, 475; SWE 432, 443 List courses taken (15):	d.	_____	_____
1. _____ 2. _____ 3. _____			
4. _____ 5. _____			
e. ENGL 388 (3)	e.	_____	_____
f. One of the following: PSYC 333, COMM 320, COMM 335 (3) (circle choice)	f.	_____	_____

**GENERAL ELECTIVES (2 credits) (List courses)**

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**MINIMUM HOURS TO GRADUATE: 120**

<b>UPPER DIVISION HOURS (minimum 45):</b>
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This planning form is intended to be used in consultation with your academic advisor and reflects the requirements for the 2014-2015 Catalog; the University Catalog is the official reference for program requirements.