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  
2013-2014 CATALOG

<table>
<thead>
<tr>
<th>Department(s) &amp; Course #</th>
<th>Completed/Grade(s)</th>
<th>Needed</th>
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GENERAL EDUCATION REQUIREMENTS (31)

a. Composition: English 101 (100), 302 (C or better) (3,3)  
   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)  
   b. CS 112, 211 (4,3)  
   c. CS 262, 310 (1,3)  
   d. CS 330, 367 (3,3)  
   e. CS 321, 465 (3,3)  
   f. CS 483, ECE 301 (3,3)  
   g. One CS course numbered above 400: CS ________
   h. Fourteen hours of Mathematics course work (14)  
      1. MATH 113, 114 (4,4)  
      2. MATH 203, 125 (3,3)

SOFTWARE ENGINEERING CONCENTRATION

a. STAT 344, CS 306 (3,3)  
   b. SWE 205, 301, 401 (3,0,1)  
   c. SWE 332, 437 (3,3)  
   d. Any five of the following: CS 450, 455, 463, 468, 471, 475; SWE 432, 443
   List courses taken (15):
      1. ________________ 2. ________________ 3. ________________  
      4. ________________ 5. ________________  
   e. ENGL 388 (3)  
   f. One of the following: PSYC 333, COMM 320, COMM 335 (3) (circle choice)

GENERAL ELECTIVES (List courses)

List courses taken (15):

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.