GEORGE MASON UNIVERSITY
THE VOLGENAU SCHOOL OF ENGINEERING
B.S. DEGREE IN COMPUTER SCIENCE
(4300 Nguyen Engineering, 703-993-1530)
http://cs.gmu.edu/
2014-2015 CATALOG

	Department(s) & Course #(s)	Completed/ Grade(s)	Needed

MASON CORE REQUIREMENTS (24 credits)
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 Mason Core requirements.

MAJOR REQUIREMENTS (92 credits)
a. CS 101, 105 (2,1)
b. CS 112, 211 (4,3)
c. CS 262, 310, 330 (2,3,3)
d. CS 306, ECE 301 (3,3)
e. CS 321, 367 (3,3)
f. CS 465, 483 (3,3)
g. CS 463 or 471 or 475 (3) (List course) _____
h. Four additional courses (12) chosen from:
   CS 425, 440, 450, 451, 455, 463, 468, 469, 471, 475, 477, 480, 482, 484, 485, 490 499[*]; MATH 446 (or OR 481)
   (List courses taken)
   1. _____   2. _____   ([*]CS 499 may only be used once)
   3. _____   4. _____
i. Twenty hours of Mathematics course work (20)
   1. MATH 113, 114 (8)
   2. MATH 125, 213 (6)
   3. MATH 203 (3)
   4. STAT 344 (3)
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 (4 credits) (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 2014-2015 Catalog; the University Catalog is the official reference for program requirements.