GEORGE MASON UNIVERSITY
COLLEGE OF SCIENCE
B.S. DEGREE IN COMPUTATIONAL AND DATA SCIENCES (352 Research I, 703-993-3617)
http://cds.gmu.edu/phd/program6.php
2008-2009 CATALOG

	Department(s) & Course #(s)	Completed/ Grade(s)	Needed
GENERAL EDUCATION REQUIREMENTS (*27)			
a. Composition: English 101 (100), 302 (C or better) (3,3)		___ ___	___ ___
b. Communications 100 or 101 (please circle choice) (3)		_____	_____
c. Quantitative Reasoning (satisfied by completion of major requirements)			
d. Literature (3)	_____	_____	_____
e. Fine Arts (3)	_____	_____	_____
f. Social Sciences:			
Western Civilization (3)	_____	_____	_____
Social & Behavioral Science (3)	_____	_____	_____
g. Natural Science (satisfied by completion of major requirements)			
h. Global Understanding (3)	_____	_____	_____
i. Information Technology (satisfied by completion of major requirements)			
j. Synthesis (3)	_____	_____	_____

Go to: http://chss.gmu.edu/chss/forundergraduates/gened/0708/index.cfm to link to information on general education requirements.

MAJOR REQUIREMENTS (90-92 hours required)		
a. CDS 101, 301 (3,3)	a. ___ ___	___ ___
b. CDS 302, 401 (3,3)	b. ___ ___	___ ___
c. CDS 410, 411 (3,3)	c. ___ ___	___ ___
d. CS 105, 112 (1,4)	d. ___ ___	___ ___
e. CS 211, 261 (3,1)	e. ___ ___	___ ___
f. CS 367, 483 (3,3)	f. ___ ___	___ ___
g. MATH 113, 114 (4,4)	g. ___ ___	___ ___
h. MATH 125, 203 (3,3)	h. ___ ___	___ ___
i. MATH 213, 214 (3,3)	i. ___ ___	___ ___
j. MATH 446 (3)	j. _____	_____
k. STAT 344, 354 (3,3)	k. ___ ___	___ ___
l. One of the following Science Concentrations: (21-25)		
Physics: PHYS 160, 161, 260, 261, 262, 263 and three of PHYS 303, 305, 306, 307, 308, 328 (list course numbers) (24)		
1. PHYS 160/161(3,1)	1. ___ ___	___ ___
2. PHYS 260/261(3,1)	2. ___ ___	___ ___
3. PHYS 262/263 (3,1)	3. ___ ___	___ ___
4. PHYS _____, PHYS_____, PHYS _____	4. ___ ___ ___	___ ___ ___
Chemistry: PHYS 243, 244, 245, 246; CHEM 211, 212 & either CHEM 313/315 or CHEM 331/336. (21)		
1. PHYS 243/244 (3,1)	1. ___ ___	___ ___
2. PHYS 245/246(3,1)	2. ___ ___	___ ___
3. CHEM 211, 212 (4,4)	3. ___ ___	___ ___
4. CHEM 313/315 (3,2) or CHEM 331/336 (3,2) (circle choice)	4. ___ ___	___ ___
Biology: CHEM 211, 212, 313, 315, and BIOL 213, 305, 306, and 311 (25)		
1. CHEM 211, 212 (4,4)	1. ___ ___	___ ___
2. CHEM 313/315 (3,2)	2. ___ ___	___ ___
3. BIOL 213, 311 (4,4)	3. ___ ___	___ ___
4. BIOL 305, 306 (3,1)	4. ___ ___	___ ___
m. Computational and data sciences electives (3-9 credits) (list courses)		
1. CDS _____	1. _____	_____
2. CDS _____	2. _____	_____
3. CDS _____	3. _____	_____

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 2008-2009 Catalog; the University Catalog is the official reference for program requirements.