

GEORGE MASON UNIVERSITY
SCHOOL OF INFORMATION TECHNOLOGY AND ENGINEERING
B.S. DEGREE IN APPLIED COMPUTER SCIENCE (BIOLOGY CONCENTRATION)
(4300 The Engineering Building, 703-993-1530)
<http://cs.gmu.edu/programs/undergraduate/#BSACS>
2009-2010 CATALOG

	<u>Department(s) & Course #(s)</u>	<u>Completed/ Grade(s)</u>	<u>Needed</u>
GENERAL EDUCATION REQUIREMENTS (27)			
a. Composition: ENGL101 (100), 302 (C or better) (3,3)		___ ___	___ ___
b. Communication 100 (3)		___ ___	___ ___
c. Quantitative Reasoning (satisfied by completion of major requirements)			
d. Literature (3)		___ ___	___ ___
e. Fine Arts (3)		___ ___	___ ___
f. Social Sciences:			
Western Civilization (HIST 100, 125, or acceptable transfer course) (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/gened> to link to information on gen. ed. requirements.

MAJOR REQUIREMENTS (92-94 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 421, 465 (3,3)		e. ___ ___	___ ___
f. CS 483, ECE 301 (3,3)		f. ___ ___	___ ___
g. One CS course numbered above 400 (3) CS _____		g. ___ ___	___ ___
h. Fourteen hours of Mathematics course work (14)			
1. MATH 113, 114 (4,4)		1. ___ ___	___ ___
2. MATH 203, 125 (3,3)		2. ___ ___	___ ___

BIOLOGY CONCENTRATION

a. BIOL 213, 303 (4,4)		a. ___ ___	___ ___
b. BIOL 304, 305/306 (4,3/1)		b. ___ ___	___ ___
c. BIOL 311(4)		c. ___ ___	___ ___
d. BIOL 312 (4) or STAT 344 (3)		d. ___ ___	___ ___
e. BIOL 385, 482 (3,3)		e. ___ ___	___ ___
f. BIOL 580 (3)		f. ___ ___	___ ___
g. One Biology course numbered above 300 (3-4) BIOL _____		g. ___ ___	___ ___
h. CHEM 211, 212 (4,4)		h. ___ ___	___ ___

GENERAL ELECTIVES (List courses as needed)

___ ___

___ ___

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 2009-2010 Catalog; the University Catalog is the official reference for program requirements.