GEORGE MASON UNIVERSITY
COLLEGE OF SCIENCE
B.S. DEGREE IN BIOLOGY (3005 David King Hall, 703-993-1050)
http://cos.gmu.edu/academics/undergraduate/majors/biology
2010-2011 CATALOG

	Department(s) & Course #(s)	Completed/ Grade(s)	Needed
GENERAL EDUCATION REQUIREMENTS (27)			
a. Composition: ENGL 101 (100), 302 (C or better) (3,3)		___ ___	___ ___
b. Communication 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/gened to link to information on general education requirements.

MAJOR REQUIREMENTS (44 hours required)		
a. BIOL 213 (4) (Grade of C or better required)	a. _____	_____
b. BIOL 303 (4)	b. _____	_____
c. BIOL 304 (4)	c. _____	_____
d. BIOL 307 (4)	d. _____	_____
e. BIOL 311 (4)	e. _____	_____
f. BIOL 305, 306 (3,1)	f. ___ ___	___ ___
g. Other biology course work (list course #'s) (20)		
1. BIOL _____	1. _____	_____
2. BIOL _____	2. _____	_____
3. BIOL _____	3. _____	_____
4. BIOL _____	4. _____	_____
5. BIOL _____	5. _____	_____
6. BIOL _____	6. _____	_____
OTHER SCIENCE AND TECHNOLOGY (33-35)		
a. CHEM 211, 212 (4,4)	a. ___ ___	___ ___
b. CHEM 313, 315 (3,2)	b. ___ ___	___ ___
c. CHEM 314 & 318 (please circle choice) (3,2) **OR**	c. ___ ___	___ ___
GEOL 101 and GEOL 102 (4,4) **OR**	___ ___	___ ___
One additional three-credit chemistry course at the 300 or 400 level (not CHEM 314)	_____	_____
d. PHYS 243/244 and 245/246 (3/1, 3/1)	d. ___ ___	___ ___
e. BIOL 312 (4)	e. _____	_____
f. One course from (circle choice): MATH 108 (3), 111 (3), 113 (4), 114 (4)	f. _____	_____
g. IT 103 (3)	g. _____	_____

Students must earn a minimum grade of C in all Biology core courses and a minimum GPA of 2.0 in biology course work and supporting courses. No more than eight hours of 100-level BIOL courses may be applied to toward the required BIOL courses.

GENERAL ELECTIVES (14-16) (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 2010-2011 Catalog; the University Catalog is the official reference for program requirements.

COURSE LISTS (BIOLOGY, BS)

University General Education Requirements

Written Communication: ENGL 101 (or 100) and ENGL 302

Oral Communication: COMM 100 or COMM 101

Quantitative Reasoning: MATH 108, 111, 113 (The Math Placement Test is required to take a MATH course. See this web site for more information: **http://cos.gmu.edu/academics/undergraduate/math_placement_testing**)

Literature: ARAB 325; CHIN 310, 311, 325, 328; CLAS 250, 260, 340, 350, 360, 380; ENGL 201, 202, 203, 204; FREN 325, 329; FRLN 330; GERM 325; ITAL 325; PHIL 253; RELI 235; RUSS 325, 326, 327; SPAN 325

Fine Arts: ARTH 101, 102, 103, 200, 201, 203, 204, 321, 322, 324, 333, 334, 340, 341, 342, 344, 345, 360, 362, 372, 373, 376; AVT 103, 104, 215, 222, 232, 243, 252, 253, 262, 272; DANC 101, 119, 125, 131, 145, 161, 225, 231, 245, 301, 390, 391; ENGL 332, 396; MUSI 100, 101, 102, 107, 301, 302, 380, 381, 382, 383, 384, 385, 387, 389, 485; PHIL 156; THR 101, 150, 151, 210, 230, 395.

Western Civilization: HIST 100 or 125**;** transfer students may substitute the following courses for HIST 100 or 125: HIST 101, 102, 301, 302, 304, 305, 306, 308, 309, 314, 321, 322, 388, 435, 436, 480.

Social and Behavioral Sciences: AFAM 200; ANTH 114, 120, 135, 396; CONF 101; CONS 410; CRIM 100; ECON 100, 103, 104, 105, 110, 111 (110 and 111 must be taken together); EDUC 372; GGS 103; GOVT 101, 103; HEAL 230; HIST 121, 122; LING 326; PSYC 100, 211, 231; SOCI 101; SOM 100; TOUR 311; WMST 200

Natural Sciences: BIOL 213 & 303 or 304; CHEM 211 & 212

Global Understanding: ANTH 302, 304, 306, 307, 308, 309, 311, 312, 313, 331, 332, 333, 385; ARTH 319, 320, 380, 382, 383, 384, 385, 386; CEIE 100; COMM 305, 456; CRIM 405; DANC 118, 318; ECON 360, 361, 362, 380, 390; ENGL 349, 350; GCH 205; GGS 101; GLOA 101; GOVT 132, 133; HIST 130, 251, 252, 261, 262, 271, 272, 281, 282, 328, 329, 356, 358, 360, 364, 365, 387, 460, 462; JAPA 310; MSOM 305; MUSI 103, 431; PSYC 379; RELI 100, 211, 212, 313, 315, 341, 374; RUSS 354; SOCI 120, 320, 332; SPAN 322; THR 359, TOUR 210; WMST 100

Information Technology: IT 103

Synthesis: ANTH 400; ARTH 394; AVT 497, 498; BINF 354; BIOL 301; BIS 490; CEIE 490; COMM 326, 362, 454; CONF 490; CONS 490; CRIM 303;CS 306; DANC 490; ECE 447, 492, 493; ECON 309; EDCI 490; ENGL 325; EVPP 335; FAVS 352; FRLN 385; GEOL 420; GGS 303, 304; GOVT 490, 491; HHS 465; HIST 300, 499; IT 492; LAS 499; MATH 400; MUSI 490; NCLC 308; PHIL 309, 343, 377, 378; PSYC 405; RELI 490; RUSS 353; SOCI 377, 483; SOCW 323, SOM 498; SPAN 388; SYST 495; THR 440, 496; UNIV 342, 442