

**GEORGE MASON UNIVERSITY
COLLEGE OF SCIENCE**

**B.S. DEGREE IN BIOLOGY-CONCENTRATION IN ENVIRONMENTAL & CONSERVATION BIOLOGY
(3003 David King Hall, 703-993-1050)**

http://cos.gmu.edu/biology/bs_requirements/concentration_envir_conservation_bio

2009-2010 CATALOG

	<u>Department(s) & Course #(s)</u>	<u>Completed/ Grade(s)</u>	<u>Needed</u>
<u>GENERAL EDUCATION REQUIREMENTS (27)</u>			
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 (79-81 hours)

a. Thirty-three credits in Biology core courses (33)			
1. BIOL 213 (4) (Grade of C or better required)		1. ___	___
2. BIOL 303 (4)		2. ___	___
3. BIOL 304 (4)		3. ___	___
4. BIOL 305/306 (3,1)		4. ___	___
5. BIOL 307 (4)		5. ___	___
6. BIOL 311 (4)		6. ___	___
7. BIOL 377 (3)		7. ___	___
8. BIOL 471 (3)		8. ___	___
9. BIOL 318 (3)		9. ___	___
b. Eleven credits of Biology electives (11)			
Courses chosen from: BIOL 309, 326, 331, 332, 333, 342, 344, 345*, 440, 472, 449, EVPP 350*, 451, NCLC 401 (list courses)			
_____		___ ___	___ ___
_____		___ ___	___ ___

*If not used for the field course requirement

c. Four credits of field work (4)			
1. BIOL 245 or EVPP 350 (4) (circle choice)		1. ___	___
d. Eighteen credits of chemistry (18)			
1. CHEM 211, 212 (4,4)		1. ___	___
2. CHEM 313, 315 (5)		2. ___	___
3. CHEM 314 & 318 (please circle choice) (3,2) OR GEOL 101 and GEOL 102 (4,4) OR		3. ___	___
One three-credit chemistry course at the 300-or 400-level			
d. PHYS 243/244 and 245/246 (3/1, 3/1)		d. ___	___
e. At least six credits from the following (6-8) (circle choices): MATH 110, 111, 113, 114, STAT 250		e. ___	___
f. IT 103 (3)		f. ___	___

Students must earn a minimum GPA of 2.5 in Biology courses and a minimum GPA of 2.0 in supporting courses. No more than eight hours of 100-level BIOL courses may be applied to toward the required BIOL courses.

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