

**GEORGE MASON UNIVERSITY  
COLLEGE OF SCIENCE**

**B.S. DEGREE IN BIOLOGY-CONCENTRATION IN MICROBIOLOGY (3003 D. King Hall, 993-1050)**

<http://cos.gmu.edu/academics/undergraduate/majors/biology>

**2009-2010 CATALOG**

	<u>Department(s) &amp; Course #(s)</u>	<u>Completed/ Grade(s)</u>	<u>Needed</u>
<b><u>GENERAL EDUCATION REQUIREMENTS (27)</u></b>			
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**

a. Thirty-six credits of Biology core courses (36)			
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 405 (4)		7. ___	___
8. BIOL 406 (4)		8. ___	___
9. BIOL 407 (4)		9. ___	___
b. Eight credits of Biology electives (8)			
Chosen from: BIOL 385, 402, 403, 404, 418, 452, 453, 459, 483, 506, 563, 580(list courses) (8)			
BIOL _____ BIOL _____		___	___
BIOL _____		___	___
d. Eighteen credits of the Chemistry (18)			
1. CHEM 211, 212 (4,4)		1. ___	___
2. CHEM 313, 315 (3, 2)		2. ___	___
3. CHEM 314 & 318 (3,2)		3. ___	___
e. PHYS 243/244 and 245/246 (3/1, 3/1)		e. ___	___
f. At least six credits from the following (6-8) (circle choices):			
MATH 110, 111, 113, 114, STAT 250		f. ___	___
g. IT 103 (3)		g. ___	___

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.