GEORGE MASON UNIVERSITY

B.S. Degree in Biology

This interdisciplinary program will prepare students to enter the job market upon graduation and provide them with the background to qualify for graduate and professional programs such as public health, medicine, dentistry, and environmental science. It differs from the B.A. Degree in Biology by greater emphasis on laboratory and field experiences, mathematics, computer science, chemistry, and physics.

Major Course Requirements

BIOL 213	**Cell Structure and Function**
BIOL 303	**Animal Biology**
BIOL 304	**Plant Biology**
BIOL 305, 306	**Microbiology**
BIOL 307	**Ecology**
BIOL 311	**Genetics**
BIOL 492	**Senior Seminar**

Plus 19 additional Biology credits

CHEM 211, 212	**General Chemistry**
CHEM 313, 315	**Organic Chemistry**
CHEM 314, 318 Or 320	**Organic Chemistry**

Or Geol 101-102 Or 3 credits 300 level Chemistry

PHYS 243-246	**College Physics**
MATH 110, 111	**Finite Mathematics**
Or	
MATH 113, 114	**Calculus**
And	
STAT 250	**Introductory Statistics**
Or	
BIOLOGY 312	**Biostatistics**
IT 103	**Computer Science**

Plus general education requirements and general electives.