

**BIOLOGY
Program Requirements**

Major program: No pass/fail courses. Requires 2.5 overall GPA.

Requirements for the Biology Major

Thirty-six credits (36) in Biology, including, 210, 211, and 451; one course dealing specifically with plants (231, 311, or 312); and one course designated as Field Experience (231, 311, 321, 322, 323, 424, 425, 426, 427, and certain 471 courses).

Biology 121/122, or 125/126 and Chemistry 111/112 are prerequisites to Biology 210, 211 and most upper-level courses and should be taken in the student's first year. The core courses of Biology 210, 211, and 341 are also prerequisites for various upper-level courses and should be completed during the second year of study. Biology 210, 211, and 341 must be completed before students register for Biology 451, which can be taken only during the senior year.

Additional Requirements for Biology 6-12 License:

BIOL 301 OR 384 (fall semester only); BIOL 364 (every other fall semester) OR 385 (spring semester only); BIOL 434 (fall semester only);

<u>Discipline</u>	<u>Number</u>	<u>Title</u>
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Date Checksheet Submitted to the Department _____

Tentative Graduation Date _____

Student Teaching Semester/Cohort _____

**UNIVERSITY OF MARY WASHINGTON
COLLEGE OF EDUCATION
APPROVED PROGRAM CHECKSHEET**

SECONDARY EDUCATION - BIOLOGY

NAME _____
Last First MI Banner ID

HOME ADDRESS _____
Street

City State Zip

HOME PHONE (INCLUDE AREA CODE) _____

BOX UMW _____

SAT SCORES: _____
Verbal Mathematics Total

ACADEMIC MAJOR _____

MAJOR ADVISOR/BLS MENTOR _____

DATE OF PROVISIONAL ADMISSION TO APPROVED PROGRAM _____

DATE OF FORMAL ADMISSION TO APPROVED PROGRAM _____

DATE OF ADMISSION TO STUDENT TEACHING _____

SECONDARY 6-12 PROGRAMS

General Education Requirements for Approved Teacher Education Program
(These do not include all UMW General Education Requirements for degree completion.)
(No pass/fail courses)

Professional Studies and Field Experience
No pass/fail courses. Minimum GPA: 3.0
Required Credits: Professional Studies: 17 Field Experience: 11

Check when completed

First Year Seminar (<i>one course designated as a First Year Seminar</i>) (Only if needed for the General Education Requirement)	
1.	
Quantitative Reasoning	
1. Math 200	
2.	
Natural Science (<i>one two-course sequence, lab experience required</i>)	
1. Biology _____	
2. Biology _____	
Global Inquiry (<i>one course required – CHEM 331 suggested</i>)	
1.	
Language (<i>intermediate competency – describe how met, courses completed, test passed</i>)	
Arts, Literature, and Performance – Process (<i>one course required</i>)	
1.	
Arts, Literature, and Performance – Appreciation (<i>one course required</i>)	
1.	
Human Experience and Society (<i>two courses from two different disciplines</i>)	
1.	
2.	
Experiential Learning (<i>one course required</i>) (<i>EDUC 440 can meet this requirement</i>)	
1.	
Speaking Intensive (<i>two courses required</i>) (<i>EDUC 440 can meet this requirement</i>)	
1. EDUC 420 The Professional Teacher & Critical Issues in Education	
2.	
Writing Intensive (<i>four courses required</i>)	
1. EDUC 420 The Professional Teacher & Critical Issues in Education	
2.	
3.	
4.	

	Professional Studies	Field Experience
EDUC 204, Introduction to Learning and Teaching Field Experience: School/Subject/Grade (20 hours)	3	0
EDUC 323, The Teaching of Sciences Field Experience: School/Subject/Grade (30 hours)	3	1
EDUC 351, Constructivist Teaching in the Secondary School Classroom Field Experience: School/Subject/Grade (30 hours)	3	1
EDUC 384, Introduction to Special Education: Secondary	3	0
EDUC 385, Managing the Secondary Classroom Field Experience: School/Subject/Grade (20 hours)	2	0
EDUC 420, The Professional Teacher and Critical Issues in Education	3	0
EDUC 440, Supervised Teaching Field Experience: School/Subject/Grade	0	9

Pre-Student Teaching Hours	
Student Teaching Hours	
• Responsible Actual Teaching Hours	
• Other Classroom Hours	
Total Field Experience Hours	

FINAL GPA	
Major	
EDUC	
Overall	

Praxis I
PPST Reading:
PPST Writing:
PPST Mathematics:
Composite Score:

SAT: Substitute for Praxis I (Score must be 1100 with at least 530 on verbal and 530 on Math)
Verbal:
Math:
Total:

Praxis II
Specialty Test:
Score:

Virginia Communication and Literacy Assessment Score:
Date Child Abuse Recognition & Intervention Training Completed:
Date Approved Program Completed:

Student's Signature: _____ Date: _____

Advisor's Signature: _____ Date: _____

BIOLOGY 6-12