

Biological Sciences

BS Ed Biology Education

Suggested Course Outline Freshman

Freshman Seminar	71-101	1	General Zoology	04-114/115	4
Composition	10-111	3	Composition	10-112	3
General Chemistry I/Lab	24-114/115	4	General Chemistry II/Lab	24-116/117	5
College Algebra	17-118	3	American History	33-155	3
General Biology/Lab	04-102/103	4	Fundamentals of Oral Comm.	29-101	3
Total		15	Total		18

Summer: **Computational Methods in Science 40-106 3 credits

Sophomore

Secondary Practicum I	61-260	1	Western Civilization II	26103	3
General Botany/Lab	04-112/113	4	Taxonomy & Evolution	04-318	
Organic Chemistry I	24-342/343	5	OR Environmental Issues	04-420	4
<i>Intro to Special Education</i>	62-371	2	Animal Anatomy & Physiology	04-130	
Education Psychology	08-303	3	OR Plant Physiology	04-430	
Total		15	OR Human Physiology	04-438	4
			Earth Science	27-114/115	4
			Total		15

Summer: Intro to American Government 34-102 3 credits

Junior

Problems in Biology Education	04-489	1	Intro to Literature	10-220	3
Microbiology	04-140		Microbiology	04-140	
OR Biochemistry/Lab	24-562/563	4/5	OR Biochemistry/Lab	24-562/563	4/5
***Multicultural Institutional Req.		3	Taxonomy & Evolution	04-318	
Fine Arts		3	OR Environmental Issues	04-420	4
<i>Teaching Reading Content Area</i>	62-353	2	History of Science & Technology	28-550	3
Genetics	04-350	3	<i>Adolescent Psychology</i>	08-322	2
Total		17	Biology Practicum	04-383	1
			Total		16-17

Take C-BASE & Apply to College of Education

Summer: Physics I 25-110/111 OR Physics II 24-112/113 4 credits; Multiculturalism in Education or Lang 14-100 3 credits

Senior

Biology Science Seminar	04-491	1	<i>School & Society</i>	61-462	1
<i>Secondary Methods</i>	28-580	3	<i>Classroom Management</i>	61-521	1
Cell Biology	04-310	4	<i>Directed Teaching</i>	61-472	10
<i>Classroom Management</i>	61-520	2	Total		12
<i>School & Society</i>	61-461	2			
<i>Practicum II</i>	61-360	1			
Social Science		3			
Total		16			

Take PRAXIS

Recommended but not required: 24-135 Laboratory Safety and 17-114 General Statistics.

**Preferred Institutional Requirement for Technology

***Pluralism in Multicultural Society 61-252 recommended

(Please note this outline does not supersede the requirements listed in the Northwest Undergraduate Student Catalog nor does it constitute a contractual arrangement, rather it is for information only. It is the student's responsibility to be aware of and to meet all University and Department requirements as listed in the catalog.)

Spring 2009