

# 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
<b>Total</b>		<b>15</b>	<b>Total</b>		<b>18</b>

Summer: Computer Info Technology 44-130 3 credits

#### Sophomore

Secondary Practicum I	65-260	1	Western Civilization II	26103	3
General Botany/Lab	04-112/113	4	Taxonomy & Evolution	04-318	
Organic Chemistry I	24-343/343	5	<b>OR</b> Environmental Issues	04-420	4
<i>Intro to Special Education</i>	66-371	2	Animal Anatomy & Physiology	04-130	
Education Psychology	08-303	3	<b>OR</b> Plant Physiology	04-430	
<b>Total</b>		<b>15</b>	<b>OR</b> Human Physiology	04-438	4
			Earth Science	27-114/115	4
			<b>Total</b>		<b>15</b>

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	
<b>OR</b> Biochemistry/Lab	24-562/563	4/5	<b>OR</b> Biochemistry/Lab	24-562/563	4/5
<i>Multicultural in Education</i>	61-569	3	Taxonomy & Evolution	04-318	
Fine Arts		3	<b>OR</b> Environmental Issues	04-420	4
<i>Teaching Reading</i>	66-353	2	History of Science & Technology	28-550	3
Genetics	04-350	3	<i>Adolescent Psychology</i>	08-322	2
<b>Total</b>		<b>17</b>	Biology Practicum	04-383	1
			<b>Total</b>		<b>16-17</b>

**\*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 &amp; Society</i>	61-462	1
<i>Secondary Methods</i>	28-580	3	<i>Classroom Management</i>	65-251	1
Cell Biology	04-310	4	<i>Directed Teaching</i>	65-490	10
<i>Classroom Management</i>	65-520	2	<b>Total</b>		<b>12</b>
<i>School &amp; Society</i>	61-461	2			
<i>Practicum II</i>	65-360	1			
Social Science		3			
<b>Total</b>		<b>16</b>			

**\*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.

**Fall 2010**