

# Biological Sciences

## BS Biology with Environmental Science Emphasis

### *Suggested Course Outline*

#### Freshman

Freshman Seminar	71-101	1	Composition	10-112	3
Composition	10-111	3	General Botany & Lab	04-112/113	4
*General Zoology & Lab	04-114/115	4	General Chemistry II & Lab	24-116/117	5
College Algebra	17-118	3	America – A Historical Survey	33-155	3
General Chemistry I & Lab	24-114/115	4	Fine Arts		3
<b>Total</b>		<b>15</b>	<b>Total</b>		<b>18</b>

#### Sophomore

Organic Chemistry I & Lab	24-342/343	5	General Chemistry II & Lab	24-116/117	5
General Physics I & Lab	25-110/111	4	General Physics II & Lab	25-112/113	4
Intro to American Government	34-102	3	Intro to Literature	10-220	3
Basic Ecology	04-376	4	Minor		3
<b>Total</b>		<b>16</b>	<b>Total</b>		<b>15</b>

#### Junior

Cell Biology	04-310	4	General Geology 27110/111 <b>OR</b>		
Organic Chemistry I & Lab	24-342/343	5	General Earth Science 27114/115		4
Minor		3	Biology Electives		3
Fundamentals of Oral Comm	29-102	3	Minor		3
<b>Total</b>		<b>15</b>	Environmental Issues	04-420	4
			Institutional Requirement-Technology		3
			<b>Total</b>		<b>17</b>

#### Senior

Minor		9	← OR →		6
Methods in Plant Ecology	04-575	2		Methods in Animal Ecology	04-577
Biology Practicum	04-383	1		Biology Electives	
Biological Science Seminar	04-491	1		Genetics	04-350
General Psychology	08-103	3		Institutional Requirement-Multicultural	
<b>Total</b>		<b>14-16</b>		<b>Total</b>	<b>15-17</b>

\* Prerequisite is Bio 102/103 General Biology & Lab or two solid years of high school biology. Students with two years of high school biology may still elect to take General Biology & Lab.

*( 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 2009**