

Biological Sciences

BS — Pre-Professional Zoology (Pre-Dental)

Suggested Course Outline

Freshman

*General Biology & Lab	04-102/103	4	General Zoology & Lab	04-114/115	4
College Algebra	17-118	3	General Psychology	08-103	3
**General Chemistry I & Lab	24-114/115	4	General Chemistry II & Lab	24-116/117	5
Composition I	10-111	3	<u>Composition II</u>	10-112	3
Freshman Seminar	71-101	1	Total		15
<u>Total</u>		15			

Sophomore

General Microbiology	04-140	4	General Botany & Lab	04-112/113	4
Physics	24-110/111	4	Physics	25-112/113	4
Fundamentals of Oral Comm	29-102	3	Intro to American Government	34-102	3
America – A Historical Survey	33-155	3	Intro to Literature	10-220	3
<u>Humanities/Philosophy/Ethics</u>		3	<u>Institutional Requirement</u>		3
<u>Total</u>		16	<u>Total</u>		17

Junior

Comparative Anatomy	04-322	4	Organic Chemistry II/Lab	24-344/345	5
Social Science		3	Genetics	04-350	3
Organic Chemistry I/Lab	24-342/343	5	Biological Science Seminar	04-491	1
<u>Fine Arts</u>		3	Histology	04-418	4
<u>Total</u>		15	<u>Institutional Requirement</u>		3
			<u>Total</u>		16

Senior

Cell Biology	04-310	4	Human Physiology	04-438	4
***Biochemistry	24-562	3	Immunology	04-444	4
<u>Electives</u>		8	<u>Electives</u>		6
<u>Total</u>		15	<u>Total</u>		14

*Biology 102-103 may be waived with 2 years of high school Biology.

**If one has not taken a substantial high school chemistry course, Chemistry 112/113 should be taken prior to Chemistry 114/115. Furthermore, student needs to have mastered Algebra II in high school.

***Biochemistry 24-362 may be substituted for 24-562 but is only offered in Spring.

****General Education courses may be taken in any order.

Suggested elective hours: business, computer science, applied arts, or additional hours in mathematics, formal logic, humanities, social/behavior sciences.

Advisor: Janette Padgitt (GS 3390, 660-562-1204)

(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 2008