

Biological Sciences

BS — Pre-Professional Zoology (Pre-Vet)

Suggested Course Outline

Freshman

*General Zoology & Lab	04-114/115	4
**General Chemistry I & Lab	24-114/115	4
Composition I	10-111	3
***College Algebra	17-118	3
<u>Freshman Seminar</u>		<u>1</u>
Total		15

*General Botany & Lab	04-112/113	4
**General Chemistry II & Lab	24-116/117	5
Composition II	10-112	3
<u>Institutional Requirement-Technology</u>		<u>3</u>
Total		15

Sophomore

Microbiology	04-140	4
***Organic Chemistry I & Lab	24-342/343	4
Fundamentals of Oral Comm	29-102	3
<u>Institutional Requirement-Multicultural</u>		<u>3</u>
Total		14

Genetics	04-350	3
Organic Chemistry II & Lab	24-344/345	5
General Statistics for Science	17-114	3
<u>America- A Historical Survey</u>	<u>22-155</u>	<u>3</u>
Total		14

Junior

Comparative Anatomy	04-322	4
***General Physics I & Lab	24-110/111	4
***General Psychology	08-103	3
Intro to American Government	24-102	3
<u>Elective</u>		<u>3</u>
Total		17

Human Physiology	04-438	4
***General Physics II & Lab	24-112/113	4
***Intro to Literature	10-220	3
<u>Elective</u>		<u>3</u>
Total		14

Senior

Cell Biology	04-310	4
***Biochemistry	24-562	3
Biological Science Seminar	04-491	1
<u>Approved Electives</u>		<u>9</u>
Total		17

Immunology	04-444	4
Vertebrate Histology	04-418	4
<u>Electives</u>		<u>8</u>
Total		16

*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.

**If one has not taken two years of high school biology courses, Biology 102/103 needs to be taken prior to Biology 114/115.

***Courses required by the University of Missouri College of Veterinary Medicine. Specific electives suggested but not listed: Animal Nutrition (03-360), Animal Reproduction (03-366), Fundamentals of Business Finance (53-324 *pre-req 51-202) and Accounting I & II 51-201/202.

****Must be taken to receive a Pre-Professional Zoology degree from Northwest.

(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.

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