

# Biological Sciences

## BS in Biology with General Biology Emphasis with Biochemistry Minor – Pre-Chiropractic

### *Suggested Course Outline*

#### Freshman

Freshman Seminar	71-101	1	Composition	10-112	3
Composition	10-111	3	General Zoology & Lab	04-114/115	4
General Psychology	08-103	3	Statistics	17-114	3
College Algebra	17-118	3	America – A Historical Survey	33-155	3
General Biology & Lab	04-102/103	4	Fundamentals of Oral Comm.	29-102	3
<u>Total</u>		<u>14</u>	<u>Total</u>		<u>16</u>

#### Sophomore

Survey Economics	52-130	3	General Chemistry II & Lab	24-116/117	5
General Botany & Lab	04-112/113	4	Fine Arts		3
*General Chemistry I & Lab	24-114/115	4	Intro to Literature	10-220	3
Medical Terminology	04-104	3	<u>Microbiology</u>	<u>04-140</u>	<u>4</u>
Institutional Requirement-Technology		3	<u>Total</u>		<u>15</u>
<u>Total</u>		<u>17</u>			

#### Junior

Organic Chemistry I & Lab	24-342/343	5	Organic Chemistry II & Lab	24-344/345	5
Basic Ecology	04-376	4	Health Science Internship	04-301	3
General Physics I & Lab	25-110/111	4	Biology Practicum	04-383	1
Interpersonal Communication (elective)	29-335	3	Ethics	39-274	3
<u>Total</u>		<u>15</u>	<u>Genetics</u>	<u>04-340</u>	<u>3</u>
			<u>Total</u>		<u>15</u>

#### Senior

Cell Biology	04-310	4	Government	34-102	3
Biochemistry & Lab	24-562/563	5	Sociology	35-101	3
Human Anatomy	04-438	4	Biology Senior Seminar	04-491	1
Biomechanics	22-336	3	Institutional Requirement-Multicultural		3
<u>Total</u>		<u>16</u>	Business class (elective)		3
			<u>Human Physiology</u>	<u>04-438</u>	<u>4</u>
			<u>Total</u>		<u>17</u>

\*If one has not taken a substantial high school chemistry course, General Chemistry 24-112/113 should be taken first.  
Need to have mastered Algebra II in high school.

NOTE: While Northwest Missouri State University does not offer a specified major in pre-chiropractic students, the above courses and schedule are recommended to fulfill the admissions requirement for many chiropractic colleges. Admissions requirements vary from institution to institution, so it is in the students' best interest to identify the chiropractic colleges that they are interested in attending, contacting those institutions, and obtain a list of requirements. After obtaining this information the student can tailor their course schedule to better fit their needs.

*( 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**