

**DEPARTMENT OF BIOLOGY**  
**BIOLOGY MAJOR**  
**Biology/Pre-professional Concentration**  
**Bachelor of Science**  
**Fall 2011**

**Freshman**

<u>1st semester</u>	<u>Sem hrs</u>	<u>2nd semester</u>	<u>Sem hrs</u>
BIOL120 Principles of Biology I	3	BIOL121 Principles of Biology II	3
BIOL120 Principles of Biology I Lab	1	BIOL121 Principles of Biology II Lab	1
CHEM151 General Chemistry I	3	CHEM152 General Chemistry II	3
CHEM153 General Chemistry I Lab	1	CHEM154 General Chemistry II Lab	1
MATH120 Alg. & Trig. I	4	MATH121 Alg. & Trig. II	3
ENGL110 Composition I	3	ENGL111 Composition II	3
BIOL130 Professional Practices in Biology	<u>1</u>	Fitness Elective	<u>1</u>
	16		15 total

**Sophomore**

<u>1st semester</u>	<u>Sem hrs</u>	<u>2nd Semester</u>	<u>Sem hrs</u>
BIOL205 Integrative Organismal	3	BIOL201 Cell & Molecular Biology	3
BIOL205 Integrative Organismal Lab	1	BIOL201 Cell & Molecular Biology Lab	1
CHEM305 Organic Chemistry I	3	CHEM306 Organic Chemistry II	3
CHEM307 Organic Chemistry I Lab	1	CHEM308 Organic Chemistry II Lab	1
PSYC101 Psychology	3	Global Studies Elective	3
Literature Elective	3	Humanities Elective	3
Fitness Elective	<u>1</u>	U.S. History Elective	<u>3</u>
	15		17 total

**Junior**

<u>1st semester</u>	<u>Sem hrs</u>	<u>2nd Semester</u>	<u>Sem hrs</u>
BIOL241 Introduction to Microbiology	3	BIOL320 Principles of Genetics	3
BIOL241 Introduction to Microbiology Lab	1	BIOL320 Principles of Genetics Lab	1
BIOL324 Ecology	3	BIOL Restricted Elective	3
BIOL324 Ecology Lab	1	BIOL Restricted Elective Lab	1
PHYS105 General Physics I	3	PHYS106 General Physics II	3
PHYS105 General Physics I Lab	1	PHYS106 General Physics II Lab	1
STAT210 Elementary Statistics	<u>3</u>	Unrestricted Elective	<u>3</u>
	15		15 total

**Senior**

<u>1st semester</u>	<u>Sem hrs</u>	<u>2nd Semester</u>	<u>Sem hrs</u>
BIOL Restricted Elective	3	BIOL Restricted Elective	3
BIOL Restricted Elective Lab	1	BIOL Restricted Elective Lab	1
BIOL Restricted Elective	3	BIOL447 Seminar	2
*(BIOL Restricted Elective Lab)	(1)	Unrestricted Electives (2)	<u>6</u>
BIOL446 Investigations and Research	2		
Unrestricted electives (2)	<u>6</u>		
	15		12 total
	(or 16)		

\* Additional BIOL course at 300 or 400-level lab may be required depending upon chosen elective.  
 See catalog for course requirements.

**SUMMARY  
DEPARTMENT OF  
BIOLOGY**

**Bachelor of Science  
Proposed Fall 2011**

<b>Non-endorsement Biology/Pre-professional</b>	<b>Sem. Hrs.</b>
<b>Major, Biology</b>	<b>33</b>
<b>General Education</b>	<b>23</b>
English (Composition)	6
Humanities	3
History	3
Global Studies	3
Literature	3
Fitness/Health	2
Social Science	3
*(Mathematics	7)
*(Science	8)
* Satisfied by courses BIOL120/121 and Math120/121	
<b>Natural Sciences</b>	
Mathematics/Statistics	<b>10</b>
Physics	<b>8</b>
Chemistry	<b>16</b>
<b>Biology Restrictive Electives</b>	<b>15</b>
<b>Unrestricted Electives</b>	<b>15</b>
<b>Total</b>	<b>120</b>