

**Departmental/Program Major Courses (34-41 credits)** \*A 2.0 average is required in these courses

**\*Required Major Courses (26-29 credits)**

- \_\_\_\_ (2) BIOL 12100 Biology I: Diversity, Ecology and Behavior (*satisfies Science, Technology & Society Selective for core*)
- \_\_\_\_ (3) BIOL 13100 Biology II: Development, Structure, and Function of Organisms
- \_\_\_\_ (2) BIOL 13500 First Year Biology Lab or BIOL 14501 First Yr Lab Neuro Res Project or IT 22600 Biotechnology Lab I
- \_\_\_\_ (3) BIOL 23100 Biology III: Cell Structure & Function
- \_\_\_\_ (2) BIOL 23200 Lab in Cell Structure & Function
- \_\_\_\_ (3) BIOL 24100 Biology IV: Genetics & Molecular Biology
- \_\_\_\_ (2) BIOL 24200 Lab in Genetics & Molecular Biology
- \_\_\_\_ (2) BIOL 28600 Intro to Ecology & Evolution
- \_\_\_\_ (3) BIOL 58000 Evolution
- \_\_\_\_ (3) BIOL 58500 Ecology
- \_\_\_\_ (1-4) BIOL 49400 Research (w/approval) or BIOL 49900 Honors Research (w/approval) or BIOL 59100 Field Ecology

**\*Intermediate Biology Selective - Select one; cannot also be used for Major Selectives below (3-4 credits)**

- \_\_\_\_ (3-4) Intermediate Biology Selective (Req #9)

**\*Major Selectives -(5-8 credits) Select one unique course for each: one course may satisfy only one selective**

- \_\_\_\_ (3-4) Biology Selective (Req # 13)
- \_\_\_\_ (2-4) Biology Selective (Req # 14)

**Other Departmental /Program Course Requirements (64-79 credits)**

- \_\_\_\_ (5) CHM 12901 General Chemistry
- \_\_\_\_ (4) Organic CHM 1 Selective
- \_\_\_\_ (4) Organic CHM 2 Selective
- \_\_\_\_ (4) CHM 33900-33901
- \_\_\_\_ (4) PHYS 1 Selective – Select from PHYS 23300 or 17200 (*satisfies Science Selective for core*)
- \_\_\_\_ (4) PHYS 2 Selective – Select from PHYS 23400 or 27200
- \_\_\_\_ (3-5) Calculus 1 Selective – Select from MA 16010, 16100, or 16500 (*satisfies Quantitative Reasoning Selective for core*)
- \_\_\_\_ (3-5) Calculus 2 Selective– Select from MA 16020, 16200, 16600 or 17300
- \_\_\_\_ (3) STAT 50300
- \_\_\_\_ (3-4) Computer Science Selective
- \_\_\_\_ (3-4) ENGL 10600 or 10800 (*satisfies Written Communication for core*); (*satisfies Information Literacy Selective for core*)
- \_\_\_\_ (3) Language & Culture 1 Selective
- \_\_\_\_ (3) Language & Culture 2 Selective
- \_\_\_\_ (3) Language & Culture 3 Selective
- \_\_\_\_ (3) COM 21700 (*satisfies Oral Communication for core*)
- \_\_\_\_ (3) General Education 1 Selective \_ (*satisfies Human Culture Behavioral/Social Science for core*)
- \_\_\_\_ (3) General Education 2 Selective \_\_(*satisfies Human Cultures Humanities for core*)
- \_\_\_\_ (3) General Education 3 Selective
- \_\_\_\_ (0-3) Teambuilding & Collaboration Selective
- \_\_\_\_ (3) Great Issues Selective
- \_\_\_\_ (1-3) Multidisciplinary Selective

**Electives (0-22 credits)**

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|----------------|----------------|----------------|----------------|
| ____ ( ) _____ | ____ ( ) _____ | ____ ( ) _____ | ____ ( ) _____ |
| ____ ( ) _____ | ____ ( ) _____ | ____ ( ) _____ | ____ ( ) _____ |
| ____ ( ) _____ | ____ ( ) _____ | ____ ( ) _____ | ____ ( ) _____ |

**University Core Requirements**

Human Cultures Humanities	<input type="checkbox"/>	Science, Technology & Society Selective	<input type="checkbox"/>
Human Cultures Behavioral/Social Science	<input type="checkbox"/>	Written Communication	<input type="checkbox"/>
Information Literacy	<input type="checkbox"/>	Oral Communication	<input type="checkbox"/>
Science Selective	<input type="checkbox"/>	Quantitative Reasoning	<input type="checkbox"/>
Science Selective	<input type="checkbox"/>		

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**The student is ultimately responsible for knowing and completing all degree requirements.**

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# Ecology, Evolution and Environmental Biology

## Suggested Arrangement of Courses:

Credits	Fall 1st Year	Prerequisite	Credits	Spring 1st Year	Prerequisite
2	BIOL 12100		3	BIOL 13100	
2	BIOL 13500	CHM 12901 coreq	4	Organic Chem 1 Selective	CHM 11600 or 12901
5	CHM 12901	ALEKS score of 85	3-5	Calculus II Selective	Calc I
3-5	Calculus I Selective		3	Language/Culture 2 Selective	Lang 10100
3	Language/Culture 1 Selective		3-4	ENGL 10600 or 10800	
1	BIOL 11500				
<b>16-18</b>			<b>16-19</b>		

Credits	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
3	BIOL 23100	CHM 116 coreq; BIOL 13100	3	BIOL 24100	BIOL 23100
2	BIOL 23200		2	BIOL 24200	
4	Organic Chem 2 Selective	Organic I	4	CHM 33900-33901	Organic II
3	Language/Culture 3 Selective	varies	2	BIOL 28600	BIOL 12100
3	COM 21700		1	BIOL 29300	
			3	General Education 1 Selective	
<b>15</b>			<b>15</b>		

Credits	Fall 3rd Year	Prerequisite	Credits	Spring 3rd Year	Prerequisite
3	BIOL 58500		3	500 Level Biology Selective (Req # 13)	varies
3	STAT 50300		4	PHYS 2 Selective	
4	PHYS 1 Selective		3-4	Computer Science Selective	
3	General Education 2 Selective		1	BIOL 39300	
3	Elective		3	General Education 3 Selective	
<b>16</b>			<b>14-15</b>		

Credits	Fall 4th Year	Prerequisite	Credits	Spring 4th Year	Prerequisite
3	Intermediate Biology Selective (Req #9)	varies	3-4	BIOL 58000	
3-4	Biology Selective (Req # 14)		3	Great Issues Selective	
1-4	BIOL 49400 or 49900 or 59100	varies	3	Elective	
1-3	Multidisciplinary Selective		3	Elective	
4	Elective				
<b>12-18</b>			<b>12-14</b>		

**120 semester credits required for Bachelor of Science degree.  
2.0 Graduation GPA required for Bachelor of Science degree.**

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