

**Departmental/Program Major Courses (39 credits)** \*A 2.0 average is required in these courses

**\*Required Major Courses (30 credits)**

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|-------|-----|---|
| _____ | (2) | BIOL 12100 Biology I: Diversity, Ecology and Behavior <i>(satisfies Science, Technology &amp; Society Selective for core)</i> |
| _____ | (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 30100 Human Design: Anatomy & Physiology   |
| _____ | (3) | BIOL 30200 Human Design: Anatomy & Physiology   |
| _____ | (3) | BIOL 43800 General Microbiology   |
| _____ | (2) | BIOL 43900 Laboratory in General Microbiology   |

**\*Major Selectives - Select course for each requirement (must total at least 9 credits)**

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|-------|-------|--|
| _____ | (3)   | Health & Disease Selective (Req # 13)  |
| _____ | (2-3) | Biology Selective (Req # 14)           |
| _____ | (2-3) | 500 Level Biology Selective (Req # 14) |
| _____ | (0-2) | Biology Selective (Req # 14)           |

**Other Departmental /Program Course Requirements (67-79 credits)**

- |       |       |  |
|-------|-------|--|
| _____ | (0-4) | CHM 11500 (if 12901 is not taken) <i>(satisfies Science Selective for core)</i>  |
| _____ | (4-5) | CHM 11600 or 12901   |
| _____ | (4)   | Organic CHM 1 Selective <a href="#">LINK 11</a>  |
| _____ | (4)   | Organic CHM 2 Selective <a href="#">LINK 12</a>  |
| _____ | (3-4) | Chem selective   |
| _____ | (4)   | PHYS 1 Selective <a href="#">LINK 13</a> <i>(satisfies Science Selective for core)</i>                                     |
| _____ | (4)   | PHYS 2 Selective <a href="#">LINK 14</a>   |
| _____ | (3-5) | Calculus 1 Selective – Select from MA 23100, 16100, or 16500 <i>(satisfies Quantitative Reasoning Selective for core)</i>  |
| _____ | (3-5) | Calculus 2 Selective– Select from MA 23200, 16200, 16600 or 17300  |
| _____ | (3)   | STAT 50300   |
| _____ | (3-4) | Computer Science Selective <a href="#">LINK</a>  |
| _____ | (3-4) | ENGL 10600 or 10800 <i>(satisfies Written Communication for core); (satisfies Information Literacy Selective for core)</i> |
| _____ | (3)   | Language & Culture 1 Selective <a href="#">LINK</a>  |
| _____ | (3)   | Language & Culture 2 Selective <a href="#">LINK</a>  |
| _____ | (3)   | Language & Culture 3 Selective <a href="#">LINK</a>  |
| _____ | (3)   | COM 21700 <i>(satisfies Oral Communication for core)</i>   |
| _____ | (3)   | General Education 1 Selective <a href="#">LINK</a> <i>(satisfies Human Culture Behavioral/Social Science for core)</i>     |
| _____ | (3)   | General Education 2 Selective <a href="#">LINK</a> <i>(satisfies Human Cultures Humanities for core)</i>                   |
| _____ | (3)   | General Education 3 Selective <a href="#">LINK</a>   |
| _____ | (3)   | Teambuilding & Collaboration Selective <a href="#">LINK</a>  |
| _____ | (3)   | Great Issues Selective <a href="#">LINK</a>  |
| _____ | (1-3) | Multidisciplinary Selective <a href="#">LINK</a>   |
| _____ | (3)   | Pre-professional Selective <a href="#">LINK 21</a>   |

**Electives (2-14 credits)**

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

**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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## Health & Disease

(Beginning with CHM 11500 in Fall)

### Suggested Arrangement of Courses:

Credits	Fall 1st Year	Prerequisite	Credits	Spring 1st Year	Prerequisite
2	BIOL 12100		3	BIOL 13100	
2	BIOL 13500	CHM 11500 coreq	4	CHM 11600	CHM 11500
4	CHM 11500	ALEKS score of 70	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>15-17</b>			<b>16-19</b>		

Credits	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
3	BIOL 23100	CHM 11600 prereq; BIOL 13100	3	BIOL 24100	BIOL 23100
2	BIOL 23200		2	BIOL 24200	
4	Organic Chem 1 Selective	CHM 11600	4	Organic Chem 2 Selective	Organic I lecture
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 30100	varies	3	BIOL 30200	
2-3	Biology Selective (Req # 14)	varies	4	PHYS 2 Selective	
4	PHYS 1 Selective		3-4	Chem Selective	
3	General Education 2 Selective		1	BIOL 39300	
3	Elective		3	General Education 3 Selective	
			3	Elective	
<b>15</b>			<b>18</b>		

Credits	Fall 4th Year	Prerequisite	Credits	Spring 4th Year	Prerequisite
3	BIOL 43800		2-3	500 Level Biology Selective (Req # 14)	varies
2	BIOL 43900		3	Health & Disease Selective (Req # 13)	
3	STAT 50300		3-4	Computer Science Selective	
1-3	Multidisciplinary Selective		3	Great Issues Selective	
4	Elective		3	Pre-professional selective	
			1	Elective	
<b>13-15</b>			<b>15-17</b>		

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

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

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