

Departmental/Program Major Courses (34-35 credits) *A 2.0 average is required in these courses

***Required Major Courses (19 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

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

- _____ (3-4) Intermediate Biology Selective (Req #9)

***Biology Selectives – Can use one course for multiple requirements (must total at least 12 credits)**

- _____ (2-3) Group A Selective (Req #10)
 _____ (2-3) Group B Selective (Req #10)
 _____ (3-4) 500 Level Biology Selective (Req #10)
 _____ (2-4) Biology Lab Selective (Req #10)
 _____ (0-2) Biology Lab Selective (Req #10)
 _____ (0-3) Biology Selective (Req #10)

Other Departmental /Program Course Requirements (63-79 credits)

- _____ (5) CHM 12901 General Chemistry
 _____ (4) Organic CHM 1 Selective
 _____ (4) Organic CHM 2 Selective
 _____ (4) CHM 33900 and 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 and Information Literacy 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 (*may satisfy Human Culture Behavioral/Social Science for core*)
 _____ (3) General Education 2 Selective (*may satisfy Human Cultures Humanities for core*)
 _____ (3) General Education 3 Selective
 _____ (0-3) Teambuilding & Collaboration Selective
 _____ (3) Great Issues Selective
 _____ (1-3) Multidisciplinary Selective

Electives (13-23 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"/> | _____ | | | |

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

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				
16-18			16-19		

Credits	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
3	BIOL 23100	CHM 12901 prereq; BIOL 13100	3	BIOL 24100	BIOL 23100
2	BIOL 23200		2	BIOL 24200	
4	Organic Chem 2 Selective	Organic I lecture	4	CHM 33900-33901	Organic II lecture
3	Language/Culture 3 Selective	varies	2	BIOL 28600	BIOL 12100
3	COM 21700		1	BIOL 29300	
			3	General Education 1 Selective	
15			15		

Credits	Fall 3rd Year	Prerequisite	Credits	Spring 3rd Year	Prerequisite
3	Intermediate Biology Selective (Req #9)	varies	3	Group B Selective (Req #10)	
2-3	Group A Selective (Req #10)	varies	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	
16			14-15		

Credits	Fall 4th Year	Prerequisite	Credits	Spring 4th Year	Prerequisite
2-4	Biology Lab Selective(s) (Req #10)		3	500 Level Biology Selective (Req #10)	varies
3	STAT 50300		3	Biology Selective (Req #10)	
1-3	Multidisciplinary Selective		3	Great Issues Selective	
3	Elective		3	Elective	
2	Elective		2	Elective	
14			14		

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

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