

Departmental/Program Major Courses (38-41 credits) *A 2.0 average is required in these courses

***Required Major Courses (23 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
- _____ (4) BIOL 32800 Principles of Physiology

***Major Selectives - Select one course for each requirement (15-18 credits)**

- _____ (3) Neurobiology & Physiology Selective (Req # 10)
- _____ (3) 500 Level Neurobiology & Physiology Selective (Req # 10)
- _____ (3) Biology Selective (Req # 13)
- _____ (1-2) Neurobiology & Physiology Lab Selective (Req # 11)
- _____ (1-2) Biology Lab Selective (Req # 12)
- _____ (1-2) Biology Lab Selective (Req # 12)

Other Departmental /Program Course Requirements (64-76 credits)

- _____ (0-4) CHM 11500 (if 12901 is not taken) *(satisfies Science Selective for core)*
- _____ (4-5) CHM 11600 or 12901
- _____ (4) Organic CHM 1 Selective [LINK](#)
- _____ (4) Organic CHM 2 Selective [LINK](#)
- _____ (3-4) Chem Selective
- _____ (4) PHYS 1 Selective [LINK](#) *(satisfies Science Selective for core)*
- _____ (4) PHYS 2 Selective [LINK](#)
- _____ (3-5) Calculus 1 Selective – Select from MA 23100, 16100, or 16500 *(satisfies Quantitative Reasoning Selective for core)*
- _____ (3-5) Calculus 2 Selective– Select from MA 23200, 16200, 16600 or 17300
- _____ (3) STAT 50300
- _____ (3-4) Computer Science Selective [LINK](#)
- _____ (3-4) ENGL 10600 or 10800 *(satisfies Written Communication for core); (satisfies Information Literacy Selective for core)*
- _____ (3) Language & Culture 1 Selective [LINK](#)
- _____ (3) Language & Culture 2 Selective [LINK](#)
- _____ (3) Language & Culture 3 Selective [LINK](#)
- _____ (3) COM 21700 *(satisfies Oral Communication for core)*
- _____ (3) General Education 1 Selective [LINK](#) *(satisfies Human Culture Behavioral/Social Science for core)*
- _____ (3) General Education 2 Selective [LINK](#) *(satisfies Human Cultures Humanities for core)*
- _____ (3) General Education 3 Selective [LINK](#)
- _____ (0-3) Teambuilding & Collaboration Selective [LINK](#)
- _____ (3) Great Issues Selective [LINK](#)
- _____ (1-3) Multidisciplinary Selective [LINK](#)

Electives (0-15 credits)

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

University Core Requirements

| | | | | | | |
|--|---|--|---|---|---|--|
| Human Cultures Humanities | □ | | □ | Science, Technology & Society Selective | □ | |
| Human Cultures Behavioral/Social Science | □ | | □ | Written Communication | □ | |
| Information Literacy | □ | | □ | Oral Communication | □ | |
| Science Selective | □ | | □ | Quantitative Reasoning | □ | |
| Science Selective | □ | | □ | | □ | |

**The student is ultimately responsible for knowing and completing all degree requirements.
Degree Works is knowledge source for specific requirements and completion**

Neurobiology and Physiology

(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 | | | | |
| 15-17 | | | 16-19 | | |

| 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 | |
| 15 | | | 15 | | |

| Credits | Fall 3rd Year | Prerequisite | Credits | Spring 3rd Year | Prerequisite |
|-----------|---|--------------|-----------|-------------------------------|--------------|
| 3 | Neurobiology & Physiology Selective (Req # 10) | varies | 4 | BIOL 32800 | |
| 4 | PHYS 1 Selective | | 3-4 | Chem Selective | |
| 3 | General Education 2 Selective | | 4 | PHYS 2 Selective | |
| 3 | Elective | | 1 | BIOL 39300 | |
| 1 | Elective | | 3 | General Education 3 Selective | |
| | | | | | |
| 14 | | | 16 | | |

| Credits | Fall 4th Year | Prerequisite | Credits | Spring 4th Year | Prerequisite |
|--------------|---|--------------|-----------|---|--------------|
| 3 | Biology Selective (Req # 13) | | 3 | 500 Level Neurobiology & Physiology Selective (Req # 10) | |
| 1-2 | Neurobiology & Physiology Lab Selective (Req # 11) | | 3 | STAT 50300 | |
| 1-2 | Biology Lab Selective (Req 12) | | 3 | Great Issues Selective | |
| 1-2 | Biology Lab Selective (Req 12) | | 3 | Elective | |
| 1-3 | Multidisciplinary Selective | | 4 | Elective | |
| 3-4 | Computer Science Selective | | | | |
| 4 | Elective | | | | |
| 14-20 | | | 16 | | |

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.
