

BIOLOGY MAJOR WORKSHEET (AgLS)

Bachelor of Science in Biology - College of Agriculture and Life Sciences

To graduate with a Bachelor of Science in Biology in the College of Agriculture and Life Sciences at Iowa State University, students must maintain a 2.0 or higher GPA, accumulate a total of 120 credits, and complete the following requirements described below.

University Requirements

| <i>International Perspective (3 credits)</i> | | | <i>Communications Proficiency</i> | | |
|--|--------|-------|-----------------------------------|--------|-------|
| | | | ENGL 150 | | 3.0 |
| Course name | Sem/Yr | #cred | ENGL 250 | | 3.0 |
| | | | SP CM 212 | | 3.0 |
| | | | LIB 160 | | 0.5 |
| Course name | Sem/Yr | #cred | Course name | Sem/Yr | #cred |

- Lists of approved IP/USD courses is available at: <http://www.registrar.iastate.edu/students/div-ip-guide>

College of Agriculture and Life Sciences Requirements

| <i>Humanities (3 credits)</i> | | |
|------------------------------------|--------|-------|
| | | |
| Course name | Sem/Yr | #cred |
| <i>Social Sciences (3 credits)</i> | | |
| | | |
| Course name | Sem/Yr | #cred |
| <i>Ethics (3 credits)</i> | | |
| | | |
| Course name | Sem/Yr | #cred |

- Lists of approved general education courses for AgLS (students will complete the AgLS math and science requirements through the biology curriculum):
 - <http://www.cals.iastate.edu/student-services/humanities>
 - <http://www.cals.iastate.edu/student-services/social-sciences>
 - <http://www.cals.iastate.edu/student-services/ethics>

Biology Major Requirements

Students must maintain a 2.0 or higher in the biology curriculum (biology core and advanced biology), as well as earn a C- or higher in each of those classes. At least 9 credits of advanced biology must be from BIOL offerings, and two of these must have a lab/experiential component.

Biology Core Courses

| | | |
|------------------------|--------|-------|
| BIOL 110 -or- BIOL 112 | | |
| BIOL 111 | | 0.5 |
| BIOL 211 | | 3.0 |
| BIOL 211L | | 1.0 |
| BIOL 212 | | 3.0 |
| BIOL 212L | | 1.0 |
| BIOL 312 | | 4.0 |
| BIOL 313 | | 3.0 |
| BIOL 313L | | 1.0 |
| BIOL 314 | | 3.0 |
| BIOL 315 | | 3.0 |
| Course name | Sem/Yr | #cred |

Advanced Biology Courses

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| Course name | Sem/Yr | #cred |

- List of approved advanced biology courses can be found at: <http://www.biology.iastate.edu>

Math and Statistics (7 to 8 credits)

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| Course name | Sem/Yr | #cred |

Physics (5 credits)

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| Course name | Sem/Yr | #cred |

General Chemistry (5 credits)

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| Course name | Sem/Yr | #cred |

Organic Chemistry (4 credits)

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| | | |
| Course name | Sem/Yr | #cred |

Biochemistry (3 credits)

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| | | |
| Course name | Sem/Yr | #cred |