

Natural Science - Biology, AS

Laramie County Community College

FRESHMAN

| Fall Semester | | | Hrs | Spring Semester | | | Hrs |
|---------------|-----------|---------------------------------|------------------|-----------------|------|----------------------|------------------|
| BIOL | 1010 | General Biology | 4 | BIOL | 2022 | Animal Biology | 4 |
| CHEM | 1020 | General Chemistry I | 4 | CHEM | 1030 | General Chemistry II | 4 |
| COLS | 1000 | First Year Seminar | 3 | MATH | 1405 | Trigonometry | 3 |
| MATH | 1400 | College Algebra | | ENGL | 1010 | English I | 3 |
| | OR | | 3 | | | | |
| MATH | 1401 | College Algebra - STEM Specific | | | | | |
| TOTAL | | | <u>14</u> | TOTAL | | | <u>14</u> |



SOPHOMORE

| Fall Semester | | | Hrs | Spring Semester | | | Hrs |
|---------------------------|------|-----------------------------|------------------|-----------------|------|-----------------------------|------------------|
| CO/M | 1010 | Public Speaking | 3 | STAT | 2050 | Fundamentals of Statistics | 4 |
| MATH | 2200 | Calculus I | 4 | | | Aesthetic Analysis Elective | 3 |
| | | Cultural Awareness Elective | 3 | PHYS | 1120 | General Physics II | 4 |
| PHYS | 1110 | General Physics I | 4 | | | Wyoming State Requirement | 3 |
| BIOL | 2023 | Biology of Plants & Fungi | 4 | | | | |
| TOTAL | | | <u>18</u> | TOTAL | | | <u>14</u> |
| TOTAL DEGREE HOURS | | | | | | <u>60</u> | |

Transfer Recommendations and Notes:

Students are strongly encouraged to take a General Education Electives that corresponds to the College of Arts & Sciences Diversity (D) and Global Studies (G) electives or else they will have to take D & Gs at UW.

Courses that meet the Wyoming State Requirement include: U.S. to 1865 (HIST 1211), U.S. from 1865 (HIST 1221) Wyoming History (HIST 1251), Economics, Law & Government (ECON 1200)

A minimum grade of C is required for BIOL 1010, BIOL 2022, MATH 1400, MATH 1405

Biology, BS

University of Wyoming

JUNIOR

| Fall Semester | | | Hrs | Spring Semester | | | Hrs |
|---------------|------|-----------------------------------|------------------|-----------------|--------------------------------|----------------------------|------------------|
| LIFE | 3050 | Genetics | 4 | MOLB | 3610 | Principles of Biochemistry | 4 |
| CHEM | 2300 | Introduction to Organic Chemistry | 4 | A&S | A&S Core Global Awareness, ASG | | 3 |
| LIFE | 3400 | General Ecology | 3 | LIFE | 3500 | Evolutionary Biology | 3 |
| COSC | 1010 | Introduction to Computer Science | 3 | | | Elective | 4 |
| TOTAL | | | <u>14</u> | TOTAL | | | <u>14</u> |



SENIOR

| Fall Semester | | | Hrs | Spring Semester | | | Hrs |
|---------------------------|------|--------------------------|------------------|---------------------------------|--|-------------------|------------------|
| BOT | 4100 | Scientific Communication | 3 | Upper Division Elective | | | 4 |
| LIFE | 3600 | Cell Biology | 4 | Upper Division Elective | | | 4 |
| | | | | A&S Core Diversity in U.S., ASD | | | 3 |
| | | | | Upper Division Elective | | | 4 |
| | | | | Upper Division Elective | | | 4 |
| | | | | Upper Division Elective | | | 4 |
| TOTAL | | | <u>16</u> | TOTAL | | | <u>16</u> |
| TOTAL DEGREE HOURS | | | | | | <u>120</u> | |

Transfer Recommendations and Notes:

This is a guide for course work in the major; actual course sequence may vary by student. • Please refer to the online student degree evaluation. • Not all courses are offered every semester and some electives may have prerequisites. • Students should review the course descriptions in the University Catalog and consult with their academic advisor to plan accordingly.

University of Wyoming Requirements include: Students must have a minimum cumulative GPA of 2.0 to graduate. • Students must complete 42 hours of upper division coursework, 30 of which must be from the University of Wyoming. • Courses must be taken for a letter grade unless offered only for S/U.