

BIOLOGY MAJOR COURSE OF STUDY

Department of Biological Sciences
College of the Sciences, Central Washington University

Student's Last Name, First Name, Initial ID# _____ DATE _____

Email: _____

B.S. Biology – Organismal

Catalog Yr. _____

A. Core Requirements:

| <u>NUMBER</u> | <u>TITLE</u> | <u>CREDIT</u> | |
|---|--|---------------|--------------------------|
| 1. BIOL 181, 182, 183 | General Biology I, II, III | 15 | <input type="checkbox"/> |
| 2. CHEM181, 181 Lab, 182, 182 Lab, 183, 183 Lab | General Chemistry | 15 | <input type="checkbox"/> |
| 3. BIOL 213 | Quantitative Biology | 4 | <input type="checkbox"/> |
| 4. BIOL 321 | Genetics | 5 | <input type="checkbox"/> |
| 5. BIOL 360 BIOL 420 | General Ecology OR Environmental Microbiology | 5 | <input type="checkbox"/> |
| 6. BIOL 441 BIOL 455 | Plant Physiology OR Zoophysiology | 5 | <input type="checkbox"/> |
| 7. BIOL 470 | Mechanisms of Evolution | 3 | <input type="checkbox"/> |
| 8. BIOL 499S BIOL 497 | Senior Seminar (1) OR Honors Thesis (1-5) | 1 | <input type="checkbox"/> |
| 9. CHEM 361, 361 Lab, 362 | Organic Chemistry | 8 _____ | <input type="checkbox"/> |

Core Total 61 cr.

B. Specialization Course Requirements:

Select **two** of the following structural/functional courses:

Total 10-11 cr.

| | | |
|----------|--|--------------------------|
| BIOL 353 | Comparative Vertebrate Anatomy (6) | <input type="checkbox"/> |
| BIOL 354 | Embryology/Developmental Biology (5) | <input type="checkbox"/> |
| BIOL 442 | Comparative Morphology Vasc.Plants (5) | <input type="checkbox"/> |
| BIOL 454 | Histology (5) | <input type="checkbox"/> |

Select **one** of the following taxonomy courses:

Total 4-5 cr.

| | | |
|-------------|-----------------------------|--------------------------|
| 2. BIOL 341 | Plant Taxonomy (5) | <input type="checkbox"/> |
| BIOL 444 | Algology (5) | <input type="checkbox"/> |
| BIOL 445 | Mushrooms and Puffballs (5) | <input type="checkbox"/> |
| BIOL 450 | Ichthyology (4) | <input type="checkbox"/> |
| BIOL 451 | Herpetology (4) | <input type="checkbox"/> |
| BIOL 452 | Ornithology (4) | <input type="checkbox"/> |
| BIOL 453 | Mammalogy (5) | <input type="checkbox"/> |

(Page 2 must be completed or this form will not be accepted)

C. Elective Course Requirements:

| Course | Cr. | Course | CR |
|--------|-----|------------------------|-------------------|
| _____ | | _____ | |
| _____ | | _____ | |
| _____ | | _____ | |
| _____ | | _____ | |
| _____ | | _____ | |
| _____ | | _____ | |
| | | Total 23-25 cr. | _____ |
| | | Total Credits | <u>100</u> |

D. Organismal Diversity Course Requirements:

All students in the Biology B.S. program must take at least one advanced (300 or 400 level) animal course, one advanced plant course, and one advanced course covering other organisms (fungi, protists, bacteria, viruses). Please select from categories A, B, and/or C to meet this requirement.

Advanced Animal _____
Advanced Plant _____
Advanced Other _____

Student: _____
Signature Date

Advisor: _____
Signature Date Print Name

Dept. Chair: _____
Signature