

# 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 – Cell and Molecular Biology

Catalog Yr. \_\_\_\_\_

### A. Core Requirements:

NUMBER	TITLE	CREDIT	
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:

BIOL 320	Cell Biology	5	<input type="checkbox"/>
BIOL 323	Microbiology	5	<input type="checkbox"/>
BIOL 425	Molecular Biotechnology	5	<input type="checkbox"/>
CHEM 431, 431 Lab	Biochemistry	5	<input type="checkbox"/>

**Specialization Total 20 cr.**

### C. Elective Course Requirements:

Course	CR	Course	CR
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**Total 19 cr.** \_\_\_\_\_

**Total Credits 100**

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

**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 Date