

**Washburn University  
Teacher Licensure Plan  
BIOLOGY grades 6-12**

Name \_\_\_\_\_ Date \_\_\_\_\_  
Contact Information \_\_\_\_\_  
Degree Institution Major Year  
\_\_\_\_\_  
\_\_\_\_\_

**Content Area Course Requirements**

**Course Substitutions**

BI 102 Cell Biology(5)	_____
	Course name and grade
BI 105 General Botany(4)	_____
	Course name and grade
BI 110 General Zoology(4)	_____
	Course name and grade
BI 155 Sex Trans Disease(1)	_____
	Course name and grade
BI 202 Biology of Behavior(3)	_____
	Course name and grade
BI 250 Intro to Anatomy(3) or BI 275 or BI 320	_____
	Course name and grade
BI 255 Human Physiology(4)	_____
	Course name and grade
BI 301 General Microbiology(4)	_____
	Course name and grade
BI 310 Ecology(4)	_____
	Course name and grade
BI 333 Genetics(4)	_____
	Course name and grade
BI 340 Evolutionary Biology(3)	_____
	Course name and grade
CH 151 Chemistry I (5)	_____
	Course name and grade
CH 152 Chemistry II(5)	_____
	Course name and grade
CH 340 Organic Chemistry I(3)	_____
	Course name and grade

CH 342 Organic Chemistry Lab I(2)

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Course name and grade

PS 261 College Physics I(5)

And

PS 262 College Physics II(5)

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Course name and grade

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Course name and grade

OR

PS 281 General Physics I(5)

and

PS 282 General Physics II(5)

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Course name and grade

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Course name and grade

### Professional Education Course Requirements

### Anticipated Semester of Completion Or Course Substitutions

ED 150 EPIC(1)

ED 285 Educational Psychology(3)

ED 225 Becoming an Ed Professional(3)

Apply to Professional Teacher Education Program after completion of ED 150, 225, and 285.

SEE Department of Education website for details.

**\*Must be formally admitted to the Professional Teacher Education Program before enrolling in upper division education courses.\***

ED 300 Integrating Technology(3)

(prerequisite is=either a lower level computer class OR passing score on department placement exam)

See Dr. David Pownell

ED 302 Exceptional Learners(3)FL,SP

ED 385 Foundations of Education or ED 472 Issues(3)

ED 352 Methods of Tchg Science or

ED 350 General Secondary Methods(3)

ED 402 Struggling Learners(2)

RD 484 Teaching Reading/Content Areas(3)

### Apply to STUDENT TEACHING one year prior to the STUDENT TEACHING SEMESTER

Student Teaching Semester

ED 400 Understanding the School(2)

ED 405 Classroom Management(1)

ED 410 Secondary Student Teaching(12)

\_\_\_\_\_  
Department Major Chairperson or  
UTEC Liaison/Date