

**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)	_____
	Course name and grade
PS 261 College Physics I(5)	_____
And	Course name and grade
PS 262 College Physics II(5)	_____
	Course name and grade
OR	
PS 281 General Physics I(5)	_____
and	Course name and grade
PS 282 General Physics II(5)	_____
	Course name and grade

**Professional Education Course Requirements**

**Anticipated Semester of Completion  
Or Course Substitutions**

ED 150 EPIC(1)	_____
ED 200 Educational Psychology(3) (ED 150 and 200 are required prior to formal admission to the Professional Teacher Education Program)	_____
ED 225 Becoming an Ed Professional(3)	_____

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

ED 300 Integrating Technology(3) (CM 101 or equivalent prerequisite)	_____
ED 302 Exceptional Learners(3)FL,SP Or SE 472 Psychology of Except Student check Summer schedule	_____
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)	_____

STUDENT TEACHING Application is due the semester before STUDENT TEACHING.  
Information will be posted in Carnegie Hall, on Dept of Ed Facebook, and Dept of ED website.

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