



Washburn University  
Teacher Licensure  
Individual Professional Education Plan (IPEP)  
BIOLOGY grade 6-12

Educating Reflective Educators

Name \_\_\_\_\_ Date \_\_\_\_\_

Identification/Social Security Number \_\_\_\_\_

Telephone Contact Number \_\_\_\_\_

Degree Institution Major Area of Study Year

\_\_\_\_\_

**Content Area Course Requirements**

**Anticipated Semester of Completion  
or 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

PS 262 College Physics II(5)

\_\_\_\_\_

Course name and grade

\_\_\_\_\_

Course name and grade

OR

PS 281 General Physics I(5)

and

PS 282 General Physics II(5)

\_\_\_\_\_

Course name and grade

\_\_\_\_\_

Course name and grade

**Professional Education Course Requirements**

**Anticipated Semester of Completion  
Or Course Substitutions**

ED 150 EPIC(1)

\_\_\_\_\_

ED 200 Educational Psychology(3)

**Concurrent enrollment required for ED 150 and ED 200**

\_\_\_\_\_

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)

\_\_\_\_\_

ED 385 Foundations of Education(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 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