

Washburn University  
 Teacher Licensure Plan  
 Chemistry 6<sup>th</sup>-12<sup>th</sup> grade

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

Contact Information \_\_\_\_\_

Degree \_\_\_\_\_ Institution \_\_\_\_\_ Major \_\_\_\_\_ Year \_\_\_\_\_

\_\_\_\_\_

**Content Area Course Requirements**

**Course Substitutions**

CH 151 Fund of Chemistry I (5)

\_\_\_\_\_

CH 152 Fund of Chemistry II(5)

\_\_\_\_\_

CH 340 Organic Chemistry I(3)

\_\_\_\_\_

CH 342 Organic Chemistry Lab I(2)

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CH 341 Organic Chemistry II (3)

\_\_\_\_\_

CH 343 Organic Chemistry Lab II(2)

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CH 320 Analytical Chemistry (3)

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CH 321 Analytical Chemistry Lab(1)

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PS 261 College Physics I (5)

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And

PS 262 College Physics II((5)

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OR

PS 281 General Physics I (5)

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And

PS 282 General Physics II(5)

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CH 350 Biochemistry I (3)

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CH 351 Biochemistry Lab (2)

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CH 390 Chemistry Research (1)

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CH 391 Chemistry Seminar (1)

\_\_\_\_\_

MA 116 College Algebra(3)

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MA 117 Trigonometry (3)

\_\_\_\_\_

**Professional Education Course Requirements**

**Anticipated Semester of**

**Completion or Course Substitution**

ED 150 EPIC (1) \_\_\_\_\_  
ED 285 ED 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 FOR CONTINUED ENROLLMENT IN UPPER DIVISION EDUCATION CLASSES\***

ED 300 Integrating Technology(3) \_\_\_\_\_  
(prerequisite=either a lower computer class OR passing score on department placement exam )  
See Dr. David Pownell

ED 302 Exceptional Learners(3)FL, SP \_\_\_\_\_

ED 385 Foundations or ED 472 Issues(3) \_\_\_\_\_

ED 353 Methods of Tchg Sci in Sec Schools(3) \_\_\_\_\_  
Or ED 350 General Sec Methods

ED 402 Struggling Learners(2) \_\_\_\_\_

RD 484 Teaching Reading in the Content (3) \_\_\_\_\_

STUDENT TEACHING Application is ONE YEAR prior to the Student Teaching block

Student Teaching Semester  
ED 400 Understanding the School(2) \_\_\_\_\_  
ED 405 Classroom Management(1) \_\_\_\_\_  
ED 410 Secondary Student Teaching (12) \_\_\_\_\_

\_\_\_\_\_  
Department Chair or UTEC Liaison/Date