

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)

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CH 152 Fund of Chemistry II(5)

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CH 340 Organic Chemistry I(3)

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CH 342 Organic Chemistry Lab I(2)

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CH 341 Organic Chemistry II (3)

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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)

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MA 116 College Algebra(3)

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MA 117 Trigonometry (3)

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## **Professional Education Course Requirements**

ED 155 Teaching, Learning and Leadership (3)

ED 285 ED Psychology (3)

Apply to Professional Education Program after completion of ED 155 and 285.  
SEE Department of Education website for details.

ED 165 ED 1-Examining Teaching as a Profession (3)

ED 275 ED 2-Exploring Teaching as a Profession (3)

ED 295 ED 3-Extending Teaching as a Profession (3)

ED 395 ED 4-Exploring Teaching as a Profession (3)

ED 302 Exceptional Learners (3)

ED 3XX Required Content Area Methods Course (3) see Chemistry Department

ED 354 Curriculum and Assessment (3)

ED 410 6-12 Student Teaching (12)