



**WASHBURN**  
UNIVERSITY

**Department of Education  
The Reflective Educator**

**Chemistry Teacher Licensure (6-12) Program of Study  
(BA Degree in Chemistry)**

Name \_\_\_\_\_

WIN \_\_\_\_\_

**Year 1/Semester 1 (16)**

\_\_\_ EN 101 (3) Freshman Composition (**Note 2**)  
\_\_\_ HI 111(3) US History I  
\_\_\_ MA 116 (3) College Algebra (**Note 2**)  
\_\_\_ CH 151 (5) Fundamentals of Chemistry I  
\_\_\_ KN 198 (2) Lifetime Wellness

**Year 2/Semester 1 (15)**

\_\_\_ CH 340 (3) Organic Chemistry I  
\_\_\_ CH 342 (2) Organic Chemistry Lab I  
\_\_\_ (3) Art, Music, Theatre Ele (**Note 4**)  
\_\_\_ (4) Foreign Language  
\_\_\_ (3) Humanities Elective (**Note 4**)

**Year 3/Semester 1 (15)**

\_\_\_ EN 300 (3) Advanced Composition (**Note 2 & 3**)  
\_\_\_ PS 261 (5) College Physics I  
\_\_\_ CH 320 (3) Analytical Chemistry  
\_\_\_ CH 321 (1) Analytical Chemistry Laboratory  
\_\_\_ ED 302 (3) Teaching Exceptional Learners

**Year 1/Semester 2 (17)**

\_\_\_ CN 150 (3) Public Speaking (**Note 2**)  
\_\_\_ HI 112 (3) US History II  
\_\_\_ MA 117 (3) Trigonometry  
\_\_\_ CH 152 (5) Fundamentals of Chemistry II  
\_\_\_ CM 101 (3) Computer Competency & Internet (**Note 1**)

**Year 2/Semester 2 (16)**

\_\_\_ (4) Foreign Language  
\_\_\_ ED 150 (1) EPIC  
\_\_\_ ED 200 (3) Educational Psychology  
\_\_\_ CH 341 (3) Organic Chemistry II  
\_\_\_ CH 343 (2) Organic Chemistry Lab II  
\_\_\_ AN 112 (3) Anthropology

**Year 3/Semester 2 (16)**

\_\_\_ CH 390 (1) Chemistry Research  
\_\_\_ CH 391 (1) Chemistry Seminar  
\_\_\_ PS 262 (5) College Physics II  
\_\_\_ (3) Social Science El (**Note 4**)  
\_\_\_ ED 300 (3) Integrating Technology in the Curriculum  
\_\_\_ ED 352 (3) Methods of Tchg. Sci in Sec Sch.  
or ED 350 (3) Secondary Methods

**Year 1/Summer (6)**

\_\_\_ (3) Social Science Ele (**Note 4**)  
\_\_\_ (3) Natural Science Elective (**Note 4**)

**Year 2/Summer (6)**

\_\_\_ (3) Humanities Elect (**Note 4**)  
\_\_\_ ED 225 (3) Becoming an ED  
Professional

**Year 3/Summer (3)**

\_\_\_ RD 484 (3) Tchg Rdg in Content Area

**SEE YOUR ADVISOR EVERY SEMESTER IN ORDER TO DISCUSS ANY PROGRAM CHANGES.**

**\* See Reverse side – Requirements for Adaptive Special Education 6-12 Provisional License.**

**Year 4/Semester 1 (13)**

- \_\_\_ CH 350 (3) Biochemistry
- \_\_\_ CH 351 (2) Biochemistry Laboratory
- \_\_\_ (3) Humanities Elective (**Note 4**)
- \_\_\_ ED 385 (3) Foundations of Education
- \_\_\_ ED 402 (2) Teaching Struggling Learners

**Year 4/Semester 2 (15)**

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

Note 1: CM 101, Computer Competency & Internet must be completed prior to enrollment in ED 300. (CM 101 requirement may also be met through the Computer Competency Exam. See the Education Department Technology Advisor.)

Note 2: Collateral courses – a grade of “C” or better is required in each of these courses.

Note 3: EN 300 – Advanced Composition – Teaching Emphasis is required of all degree-seeking candidates.

Note 4: No more than 6 hours may be counted from any one discipline for Social Science and Humanities general education requirements. Two disciplines other than Mathematics are required for the Mathematics/Natural Science general education requirement. All general education electives must be selected from the Approved General Education courses. See University Catalog.

\*Students seeking a 6-12 Adaptive Special Education Provisional license may complete the following courses as they complete courses required for the 6-12 Chemistry license. Additional Special Education courses required for full 6-12 Adaptive Special Education licensure must be taken at the graduate level. Contact Gloria Dye ([gloria.dye@washburn.edu](mailto:gloria.dye@washburn.edu)) for additional information.

**Courses Required for Provisional Adaptive Special Education 6-12 license:**

**SE 430 (3) Methods and Materials for SPED (Offered fall semesters only)**

**SE 420 (3) Educational Planning for SPED (Offered summer semesters only)**

**SE 440 (3) Individual and Group Management (offered fall semesters only)**

**SE 558 (3) Special Education Practicum (Summer Following Completion of 6-12 Chemistry License)**

**Chemistry Advisor** \_\_\_\_\_

**Department of Education Advisor** \_\_\_\_\_

**Date** \_\_\_\_\_