



**WASHBURN**  
UNIVERSITY

**Department of Education  
The Reflective Educator**

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

**Name** \_\_\_\_\_

**WIN** \_\_\_\_\_

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

- \_\_\_ EN 101 (3) Freshman Composition (**Note 2**)
- \_\_\_ HI 111 (3) U.S. History I
- \_\_\_ MA 116 (3) College Algebra (**Note 2**)
- \_\_\_ (3) Humanities Gen ED (**Note 4**)
- \_\_\_ BI 102 (5) Cell Biology

**Year 1/Semester 2 (16-18)**

- \_\_\_ CN 150 (3) Public Speaking (**Note 2**)
- \_\_\_ HI 112 (3) U.S. History II
- \_\_\_ MA 140 (3) Statistics
- or MA 151 (5) Calc & Analytic Geometry I
- or MA 152 (5) Calc & Analytic Geometry II
- \_\_\_ BI 110 (4) Zoology
- \_\_\_ BI 250 (3) Intro to Anatomy

**Year 1/Summer (9)**

- \_\_\_ AN 112 (3) Anthropology
- \_\_\_ (3) Humanities Gen ED (**Note 4**)
- \_\_\_ CM 101 (3) Computer Competency  
& Internet (**Note 1**)

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

- \_\_\_ (4) Foreign Language
- \_\_\_ (3) Art, Music, Theater Gen ED (**Note 4**)
- \_\_\_ BI 105 (4) Botany
- \_\_\_ CH 151 (5) Chemistry
- \_\_\_ BI 155 (1) Sex Trans Disease

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

- \_\_\_ (4) Foreign Language
- \_\_\_ ED 150 (1) EPIC I
- \_\_\_ ED 200 (3) Educational Psychology
- \_\_\_ CH 152 (5) Chemistry
- \_\_\_ BI 301 (4) General Microbiology

**Year 2/Summer (6)**

- \_\_\_ (3) Social Science Gen ED (**Note 4**)
- \_\_\_ ED 225 (3) Becoming Education  
Professional

**Year 3/Semester 1 (17)**

- \_\_\_ EN 300 (3) Advanced Composition (**Note 2/3**)
- \_\_\_ PS 262 or 282 (5) Physics II
- \_\_\_ CH 340 (3) Organ Chemistry I
- \_\_\_ CH 342 (2) Org. Chemistry Lab
- \_\_\_ BI 310 (4) Ecology

**Year 3/Semester 2 (18)**

- \_\_\_ PE 198 (2) Lifetime Wellness
- \_\_\_ PS 262 or 282 (5) Physics II
- \_\_\_ BI 333 (4) Genetics
- \_\_\_ BI 395 (1) Biology Research
- \_\_\_ ED 300 (3) Integrating Technology
- \_\_\_ ED 302 (3) Teaching Exceptional Learners

**Year 3/Summer (6)**

- \_\_\_ (3) Social Science Gen ED (**Note 4**)
- \_\_\_ 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 (16)**

- \_\_\_ BI 202 (3) Biology in Behavior
- \_\_\_ BI 255 (4) Human Physiology
- \_\_\_ BI 340 (2) Evolutionary Biology
- \_\_\_ (3) BI Elective at 300 + Level
- \_\_\_ BI 390 (1) Biology Seminar
- \_\_\_ ED 352 (3) Methods of Tchg. Science in Sec. Sch
- or ED 350 (3) General Secondary Methods

**Year 4/Semester 2 (11)**

- \_\_\_ (3) Humanities General ED (**Note 4**)
- \_\_\_ (3) BI Elective at 300+ Level
- \_\_\_ ED 402 (2) Struggling Learners
- \_\_\_ ED 385 (3) Foundations

**Year 5/Semester 1 (15)**

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

Note 1: CM 101, Computer Competency and Internet must be completed prior to enrollment in ED 300. (CM 101 requirement may also be met through the Computer Competency Exam. See 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 Biology 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 Biology License)**

**Biology Advisor** \_\_\_\_\_

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

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