



WASHBURN
UNIVERSITY

**Department of Education
The Reflective Educator**

**Biology Teacher Licensure (6-12) Program of Study
(B.S. Degree in Biology)**

Name _____

WIN _____

Year 1/Semester 1 (16)

___ EN 101 (3) Freshman Composition (**Note 2**)
___ (3) Art/Music/Theatre Gen ED (**Note 4**)
___ MA 116 (3) College Algebra (**Note 2**)
___ KN 198 (2) Lifetime Wellness
___ BI 102 (5) Cell Biology

Year 2/Semester 1 (16)

___ BI 202 (3) Biology of Behavior
___ HI 112 (3) U.S. History II
___ BI 105 (4) Botany
___ CH 151 (5) Chemistry
___ BI 155 (1) Sex Trans Disease

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 1/Semester 2 (16-18)

___ CN 150 (3) Public Speaking (**Note 2**)
___ HI 111 (3) U.S. History I
___ MA 140 (3) Statistics
or MA 142 (5) Applied Calculus II
or MA 151 (5) Calc & Analytic Geometry II
___ BI 110 (4) Zoology
___ BI 250 (3) Intro to Anatomy

Year 2/Semester 2 (16)

___ AN 112 (3) Anthropology
___ ED 150 (1) EPIC I
___ ED 200 (3) Educational Psychology
___ CH 152 (5) Chemistry
___ BI 301 (4) General Microbiology

Year 3/Semester 2 (16)

___ 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 1/Summer (6)

___ (3) Humanities Gen ED (**Note 4**)
___ CM 101 (3) Computer Competency
& Internet (**Note 1**)

Year 2/Summer (3)

___ ED 225 (3) Becoming an ED
Professional

Year 3/Summer (6)

___ ED 385 (3) Foundations of Education
___ 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 (15)

___ CH 341 (3) Organic Chemistry II
 ___ (2) Chemistry Elective at 300 + Level
 ___ BI 340 (2) Evolutionary Biology
 ___ (4) BI Elective at 300 + Level
 ___ BI 390 (1) Biology Seminar
 ___ ED 352 (3) Methods of Tchg Sci in Sec Sch
 or ED 350 (3) General Secondary Methods

Year 4/Semester 2 (14)

___ BI 255 (4) Human Physiology
 ___ (4) BI Elective at 300+ Level
 ___ (4) BI Elective at 300+ Level
 ___ ED 402 (2) Struggling Learners

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.

- **BS degree requires 30 hour minor from the Natural Sciences/20 hours in one department. Chemistry minor used for this example.**

*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) 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 _____