



# WEST LIBERTY UNIVERSITY

College of Education & Human Performance  
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## General Science Certification 5-Adult Curriculum Summary Sheet as of 2024-2025 Catalog

### Major Courses:

#### Required Courses .....53-54

|   |   |
|---|---|
| BIO 124 Biological Principles .....   | 3 |
| BIO 125 Biological Principles Lab.....  | 1 |
| BIO 200 Biology of Plants .....   | 4 |
| BIO 202 Biology of Animals (Zoology).....                                     | 3 |
| BIO 203 Biology of Animals Lab .....  | 1 |
| BIO 340 Life Sciences II for Elementary 5-9 .....                             | 4 |
| BIO 482 Biology Education Capstone.....                                       | 1 |
| CHEM 110 General Chemistry I .....  | 3 |
| CHEM 111 General Chemistry I Lab.....   | 1 |
| CHEM 112 General Chemistry II.....  | 3 |
| CHEM 113 General Chemistry II Lab.....  | 1 |
| PHYS 101 Elementary Physics I.....  | 3 |
| PHYS 110 Elementary Physics I Lab .....                                       | 1 |
| PHYS 102 Elementary Physics II .....  | 3 |
| PHYS 111 Elementary Physics II Lab .....                                      | 1 |
| PHYS 340 Phys Sci II for Elem/5-9 Teachers.....                               | 4 |
| GEO 444 Weather & Climate <b>OR</b> PHYS 400 Oceanography & Climatology ..... | 3 |

### Choose Two Math:

|   |        |
|---|--------|
| MATH 145 Pre-Calculus .....               | 4      |
| MATH 160 Introduction to Statistics ..... | 3 or 5 |
| MATH 210 Calculus & Analytic Geo I.....   | 4      |

### Science Elective:

Choose 7-8 hours of any 300-400 level course denoted BIO, CHEM, or PHYS..... 7-8

#### General Studies.....36-38

### Professional Education Component:

|  |   |
|--|---|
| *EDUC 100 Intro to Professional Education..... | 1 |
| *EDUC 207 Foundations of Education .....       | 3 |
| EDUC 290 Instructional Technology .....        | 3 |
| *EDUC 301 Educational Psychology .....         | 3 |
| SPED 241 Intro to Exceptionalities .....       | 3 |

### Residency I Semester

|   |   |
|---|---|
| EDUC 293 Instructional Design Assessment for Middle/Secondary Ed.....             | 3 |
| EDUC 340 Methods & Materials for Secondary Teachers .....                         | 2 |
| EDUC 342 M&M Lab for Secondary Teachers .....                                     | 1 |
| READ 302 Reading for Content Area.....  | 3 |
| SPED 320 Collaborative Techniques for Secondary Students w/ Exceptionalities..... | 3 |
| EDUC 309 Residency I.....   | 0 |

**Residency II Semester:**

|   |    |
|---|----|
| EDUC 409 School Law & Organization..... | 1  |
| EDUC 470 Student Teaching Seminar ..... | 1  |
| EDUC 485 Residency II .....             | 10 |

**Total .....** **126-129**

-Admission Requirements: See Teacher Ed Program Student Policy Manual for all requirements

-WV required Praxis Scores/Test Codes/Content & Pedagogy Test: [www.ets.org/praxis/wv](http://www.ets.org/praxis/wv)

-Students must register for EDUC 209 each semester prior to Residency 1. This is a 0-credit course used only for tracking mini-residency field hours.