



WEST LIBERTY UNIVERSITY

College of Education
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West Liberty, WV 26074

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College of Education

Curriculum Summary Sheet

General Science Certification

5th grade- Adult

As of Catalog **2018-2019**

Major Courses:

| | | |
|--|---|-------------------------|
| II. REQUIRED | SCIENCE..... | 51-55 Sem. Hours |
| A. BIOLOGY | BIO 124 Biological Principles | 3-4 |
| | BIO 125 Biological Principles Lab | 1 |
| | BIO 200 Biology of Plants | 4 |
| | BIO 202 Biology of Animals..... | 3 |
| | BIO 203 Biology of Animals Lab..... | 1 |
| | BIO 482 Biology Education Capstone..... | 1 |
| B. CHEMISTRY | 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 |
| C. GEOGRAPHY | GEO 444 Weather and Climate..... | 3 |
| OR | PHYS 400 Oceanography and Climatology..... | 2 |
| D. MATHEMATICS CHOOSE 2 | MATH 145 Precalculus | 4 |
| | MATH 160 Introduction to Statistics | 3 |
| | MATH 210 Calculus & Analytic Geo. 1..... | 4 |
| E PHYSICS | PHYS 101 Elementary Physics I..... | 3 |
| | PHYS 110 Elementary Physics I Lab | 1 |
| | PHYS 102 Elementary to Physics II..... | 3 |
| | PHYS 111 Elementary Physics II Lab | 1 |
| | PHYS 315 Issues and Trends in Science Education | 3 |
| | PHYS 345 Earth & Space Sciences | 3 |
| | PHYS 346 Earth & Space Science Lab..... | 1 |
| F. ELECTIVES | Science Elective..... | 7-8 |
| Choose 7-8 hours of any 300-400 level course denoted by BIO, CHEM, Or PHYS Prefixes. | | |

ADMISSION, RETENTION, GRADUATION, AND CERTIFICATION

All teacher education students are required to meet the requirements for admission, retention, graduation and certification as outlined in the Professional Education Admission and Retention Policy.

LIABILITY INSURANCE

Students are encouraged to have liability insurance coverage when they are working in school situations. Appropriate insurance can be obtained from an insurance agency or through membership in the W.Va. Student Education Association.

PASS PRAXIS TEST/S/.

Information provided on this curriculum form is from the 2017-2018 University Catalog

SECONDARY AND PREK-ADULT PROFESSIONAL EDUCATION COMPONENT*

| | |
|--|---|
| EDUC 100 Intro to Profess. Education | 1 |
| EDUC 207 Foundations of Education | 3 |
| EDUC 290 Instructional Technology | 3 |
| EDUC 301 Educational Psychology | 3 |
| SPED 241 Intro To Exceptionalities | 3 |
| EDUC 209 Practicum I (15 hours required of Field)..... | 0 |

Field I and Field II must be successfully completed for admission to Practicum I (EDUC 209)

METHODS AND MATERIALS BLOCK SEMESTER

| | |
|--|---|
| EDUC 293 Instructional Design Assessment for Middle/Secondary Ed | 3 |
| EDUC 340 Curr. And Methods in Specialization | 3 |
| EDUC 342 Methods & Materials Lab for Secondary Teachers | 1 |
| READ 302 Reading for Content Area (must be admitted to the Program to enroll in this course)..... | 3 |
| SPED 320 Collaborative Techniques for Secondary Students with Exceptionalities..... | 3 |
| EDUC 309 Practicum II (Required 80 Hours of Field) | 0 |

Professional Semester Courses: **

| | |
|---|---|
| EDUC 409 School Law & Organization..... | 1 |
|---|---|

*A letter grade of "C" or better is required for every course in the Professional Education Component.

** One must be eligible to student teach to enroll in professional semester courses.

3.0 GPA required for all Education Teaching Degrees

| | |
|--|---|
| EDUC 470 Student Teaching Seminar----- | 1 |
| EDUC 484 Student Teaching in MCE..... | 5 |
| EDUC 482 Student Teaching in AE | 5 |