



WEST LIBERTY UNIVERSITY

College of Education

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College of Education

Biology Certification

9th grade- Adult

As of Catalog 2015-2016

Curriculum Summary Sheet

Major Courses: Students interested in the Bachelor of Arts in Biology should consult with the Program Coordinator

I. REQUIRED COURSES IN SCIENCE AND MATH

A. BIOLOGY	13-14
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
CHEMISTRY	8
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
PHYSICS	15
PHYS 101 Elem Physic I.....	3
PHYS 110 Elem Physics I Lab.....	1
PHYS 102 Elem Physics II.....	3
PHYS 111 Elem. Physics II Lab.....	1
PHYS 315 Trends & Issues in Science Education.....	3
PHYS 345 Earth & Space Science.....	3
PHYS 346 Earth & Space Science Lab.....	1
MATH...Choose 2 of the following	6-8
MATH 145 Precalculus Algebra.....	3
MATH 160 Introduction to Statistics.....	3
MATH 210 Calculus & Analytic Geo. I.....	4
GEOGRAPHY	2-3
GEO 444 Weather and Climate.....	3
OR PHYS 400 Oceanography and Climatology.....	2
ELECTIVES	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.

ADMISSION REQUIREMENTS: SEE Teacher Education Program Student Policy Manual for all requirements for admission to program and to student teaching.

Information provided on this curriculum form is from the 2015-2016 University Catalog

II. ELECTIVES TO TOTAL 128 HOURS

Professional Education Course Component

EDUC 340/342 Methods & Materials for Secondary and Lab	EDUC 340 (2 hours) and Lab 342 (1 hour)	3
EDUC 100 Intro to Profess. Education		1
EDUC 207 Foundations of		3
EDUC 209 Practicum I (15 hours required of Field)		0
EDUC 290 Instructional Technology		3
EDUC 293 Instructional Design		3
EDUC 301 Educational Psychology		3
EDUC 309 Practicum II (Required 80 Hours of Field)		0
Field I and Field II must be successfully completed for admission to Practicum I (EDUC 209)		
SPED 241 Intro To Exceptionalities		3
SPED 320 Collaborative Planning, Instruction & Assessment of Secondary Students with Special Learning Needs		3
READ 302 Reading for Content Area (must be admitted to the Program to enroll in this course)		3
Professional Semester Courses: **		
EDUC 409 School Law & Organization		1
EDUC 470 Student Teaching Seminar		1
****EDUC 482 Student Teaching in AE		10

**** You will need 2 sections of 5 hours each for EDUC 482 to total 10, if you are a Biology Major only.
If another field is added then the Student Teaching for AE Hours will be less

The Biology Education 9-adult curriculum must be monitored by both a Biology faculty member and an Education faculty member. Each will advise the student regarding classes in their own specialization. The Student is responsible for registering for the West Liberty Education listserv. This service provides timely announcements of pertinent information like scheduling of portfolio interviews and PRAXIS exam schedules. You are responsible for your curriculum and meeting all requirements for graduation as described in the College Bulletin. This work sheet is only intended as a guide.