



WEST LIBERTY UNIVERSITY

College of Education & Human Performance
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Biology Certification 9-Adult Curriculum Summary Sheet as of 2024-2025 Catalog

Major Courses:

Required.....56

BIO 124 Biological Principles	3
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 221 Biological Statistics & Experimental Design	3
BIO 325/326 General Microbiology/Lab.....	4
BIO 302/303 Human Anatomy & Physiology I & Lab.....	4
BIO 328/334 Human A&P II and Lab	4
BIO 401 Genetics	4
BIO 404/405 General Ecology & Lab.....	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
MATH 145 Pre-Calculus	4

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 M&M 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 Professional Seminar	1
EDUC 485 Residency II	10

Total147-149

* Course contains required mini-residency field components within the required 30 hours minimum
-Admission Requirements: See Teacher Ed Program Student Policy Manual for all requirements
-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.