



# WEST LIBERTY UNIVERSITY

College of Education & Human Performance  
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## Mathematics Certification 5-Adult Curriculum Summary Sheet as of 2023-2024 Catalog

### Major Courses:

#### Required Courses.....43

MATH 210 Calculus & Analytic Geometry I .....	4
MATH 211 Calculus & Analytic Geometry II.....	4
MATH 212 Calculus & Analytic Geometry III .....	4
MATH 245 Math for Elementary & 5-9 Teacher I.....	4
*MATH 264 Manipulatives in Mathematics.....	2
MATH 281 Mathematics Education Seminar .....	3
MATH 327 History of Mathematics .....	3
MATH 334 Geometry .....	3
MATH 341 Linear Algebra.....	3
MATH 373 Finite Mathematics .....	3
MATH 374 Discrete Mathematics.....	3
MATH 445 Abstract Algebra .....	3
MATH 464 Probability & Statistics .....	3
MATH 480 Mathematics Capstone.....	1

#### 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 & for Secondary Teachers .....	2
EDUC 342 M&M Lab for Secondary Teachers .....	1
READ 302 Reading for Content Area Instruction.....	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.....116-118

\* Course contains required mini-residency field components within the required 30 hours minimum  
- Be sure to register for EDUC 209 (0 credits) each semester prior to residency 1 & residency 2 semesters  
-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.