



WEST LIBERTY UNIVERSITY

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

Major Courses:

Required Courses43

| | |
|---|---|
| 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.