



WEST LIBERTY UNIVERSITY

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Mathematics Certification 5-9 Minor Curriculum Summary Sheet as of 2023-2024 Catalog

Major Courses:

Required Courses	27
MATH 240 Math I for Elementary & 5-9 Teachers.....	4
MATH 245 Math II for Elementary & 5-9 Teachers	4
MATH 145 Pre-Calculus	4
MATH 160 Intro to Statistics.....	3
*MATH 264 Manipulatives in Mathematics.....	2
MATH 309 Calculus & Geometry for Gen. Math 5-9.....	3
MATH 373 Finite Mathematics	3
MATH 481 Mathematics Capstone 5-9.....	1
MATH 327 History of Mathematics	3

General Studies	36-38
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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

*Course contains required field component

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

Total	100-102
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* 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

-Second Specialization Required: You can also specialize in 2 separate areas of 5-9 certifications

-WV required Praxis Scores/Test Codes/Content & Pedagogy Test: www.ets.org/praxis/wv

-Additional student teaching sections may be required based on primary specialization—please see your advisor

-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.