

**BA in Mathematics Education
(Grades 5-Adult)**

Name _____

General Electives

General Studies 39-42

Communication 6-9

___ Freshman English I (ENG 101) & 3
___ Freshman English II (ENG 102) OR 3
___ Adv. Freshman English (ENG 103) 3
___ Communications (COM 101) (all) 3

Quantitative (MATH 210) 4

Scientific 8

___ Life Science (BIO 105/106 or 124/125) 4
___ Physical Science (CHEM 100/101; 110/111 or
PHYS 101/110; 190/191; 345/346) 4

Critical Reading 3

___ Literature (ENG 200-400) 3

Fine Arts (2 from different groups) 6

___ Art (ART 140, 340, 341, 343) 3
___ Fine Arts (FA 101) 3
___ Music (MUS 130, 132, 133) 3
___ Theater (100, 300) 3

Perceptions and Cultures 9

___ History (HIS 103, 104, 210 or 211) 3
___ Geography (GEO 205 or 206) 3
___ Any GEO, HIST, POLS, SOC or HE250 3

Restricted Electives (Choose 1) 3

___ (ECON 103, FIN 131, PSYC 101, PHIL 100-400, HIST 103/104, GEO 205/206, POLS 101/201, SOC 150, SWK201, ANY FOREIGN LANG.

Total Hours: 117

Symbols:

F: Fall **S:** Spring **E:** Even **O:** Odd

R1, R2, R3: Rotation order over three semester period

Note: This status sheet may contain errors. Refer to the West Liberty University Catalog for the exact requirements for obtaining a degree in this program. Sheet revised 10/2015

Mathematics 42

___ MATH 210 Calculus & Analytic Geo I 4
___ MATH 211 Calculus & Analytic Geo II (F) 4
___ MATH 212 Calculus & Analytic Geo III (S) 4
___ MATH 264 Manipulatives in Math (SO) 2
___ MATH 281 Mathematics Educ. Seminar (SE) 3
___ MATH 327 History of Mathematics (FO) 3
___ MATH 334 Geometry (FE) 3
___ MATH 373 Finite Mathematics (F) 3
___ MATH 374 Discrete Mathematics (S) 3
___ MATH 341 Linear Algebra (FO) 3
___ MATH 445 Abstract Algebra (R2) 3
___ MATH 464 Probability & Statistics (R3) 3
___ MATH 480 Mathematics Capstone (F) 1
(choose 1 from following 2 options)
___ MATH 375 Applied Differential Eqs (R1) 3
___ MATH 475 Numerical Analysis (SO) 3

Professional Education 25

___ EDUC 100 Intro to Professional Education 1
___ EDUC 207 Foundations of Education 3
___ EDUC 290 Instructional Technology 3
___ EDUC 301 **Educational Psychology 3
___ EDUC 293 *Instructional Design 3
___ EDUC 340 *Methods & Materials in Math 2
___ EDUC 342 *Methods & Materials Lab 1
___ SPED 241 Introduction to Exceptionalities 3
___ SPED 320 * Collaborative. Teaching 3
___ READ 302 * Reading in Content Area 3

*Must be taken together the semester before student teaching. "Secondary Block"

**Must be admitted into Professional Education Program.

- A letter grade of "C" or better is required for every course in the Professional Education Component.

Praxis II (Content & Pedagogy Test also required for WV Certification) See Website www.ets.org/praxis/register

Professional Semester 12

___ EDUC 409 School Law & Organization 1
___ EDUC 470 Professional Seminar 1
___ EDUC 484 Student Teaching in MCE 5
___ EDUC 482 Student Teaching in AE 5