

WESTERN NEW MEXICO UNIVERSITY  
**SECONDARY EDUCATION WORKING DEGREE PLAN -- MATHEMATICS**

School of Education

Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 City, St., Zip \_\_\_\_\_  
 Phone \_\_\_\_\_ SS # \_\_\_\_\_

Date \_\_\_\_\_ B.A. or B.S. \_\_\_\_\_  
 Catalog \_\_\_\_\_ Advisor \_\_\_\_\_  
 NMTA: BS \_\_\_\_\_ TC \_\_\_\_\_ CK \_\_\_\_\_ (Math) (Pass)

ACAD 101 Student Success Seminar (3) \_\_\_\_\_

**GENERAL EDUCATION / SDE Gen. Ed**

**Areas I: Oral & Written Communication (9 hrs)**

COMM 110 Public Speaking (3) \_\_\_\_\_  
 ENGL 101 Comp & Rhet I (3) \_\_\_\_\_  
 ENGL 102 Comp & Rhet II (3) \_\_\_\_\_  
 ENGL 419 Advanced Composition (3) \_\_\_\_\_

**Area II: Mathematics (6 hrs)**

(2 classes from this group MATH 111 or above)  
 MATH \_\_\_\_\_ (3) \_\_\_\_\_  
 MATH \_\_\_\_\_ (3) \_\_\_\_\_

**Area III: Laboratory Sciences (12 hrs)**

Life Science \_\_\_\_\_ (3) \_\_\_\_\_  
 Lab \_\_\_\_\_ (1) \_\_\_\_\_  
 Physical Sci \_\_\_\_\_ (3) \_\_\_\_\_  
 Lab \_\_\_\_\_ (1) \_\_\_\_\_  
 Earth & Space Sci \_\_\_\_\_ (3) \_\_\_\_\_  
 Lab \_\_\_\_\_ (1) \_\_\_\_\_

Must be 3 separate science areas; 8 hours must be lower division  
 See catalog choices under General Ed. Requirements

**Area IV: Social & Behavioral Sciences (6 hrs)**

PSY 102 General Psychology (3) \_\_\_\_\_  
 \_\_\_\_\_ (3) \_\_\_\_\_

See catalog choices under General Ed. Requirements

**Area V: Humanities, Fine Arts, History (24 hrs)**

ENGL 200,201, 205, 225, 240, 265,296, 297, 298, or 299 (3) \_\_\_\_\_  
 ART 211, MUSC 111, or THR 110 (3) \_\_\_\_\_  
 THR 250 Storytelling (3) \_\_\_\_\_  
 HIST 111 or 112 World Civilization (3) \_\_\_\_\_  
 HIST 201 or 202 American History (3) \_\_\_\_\_  
 HIST 300 History of New Mexico (3) \_\_\_\_\_  
 HIST \_\_\_\_\_ (3) \_\_\_\_\_

Additional 3 hours may be lower or upper division  
 See catalog choices under General Ed. Requirements

**Computer Area (3 hrs)**

CMPS 110 or 160 \_\_\_\_\_ (3) \_\_\_\_\_

**Physical & Mental Well-Being Area (2 hrs)**

MVSC 100 Lifetime Wellness (1) \_\_\_\_\_  
 MVSC \_\_\_\_\_ (1) \_\_\_\_\_

See catalog choices under General Ed. Requirements

**Bachelor of Science Requirements**

\_\_\_\_\_ (3) \_\_\_\_\_  
 \_\_\_\_\_ (3) \_\_\_\_\_

More advanced than areas 2 or Computer Area above

-- or --

**Bachelor of Arts Requirements**

(2 yrs or equiv; fulfilled by completion of SPAN 202, 214, 252, or any 300-400 level SPAN course)

SPAN \_\_\_\_\_ (3) \_\_\_\_\_  
 SPAN \_\_\_\_\_ (3) \_\_\_\_\_  
 SPAN \_\_\_\_\_ (3) \_\_\_\_\_  
 SPAN \_\_\_\_\_ (3) \_\_\_\_\_

**Contextual Knowledge (9) prerequisite or may take concurrently with Professional Ed but must be completed prior to Capstone**

BLED 414 Multicultural Education (3) \_\_\_\_\_  
 PSY 301 or 302 Dev. Psy or Ed. Psy (3) \_\_\_\_\_  
 EDUC 480 ♦ Workshop in Education (3) \_\_\_\_\_

**PROFESSIONAL EDUCATION**

**Foundation (10)**

EDUC 311 Foundations of Education (4) \_\_\_\_\_  
 NMTA Basic Skills passed prior to Application  
 EDUC 402 Computers in the Classroom (3) \_\_\_\_\_  
 SPED 408 Intro to Exceptional Children (3) \_\_\_\_\_

**Application \*\* & Reinforcement (9)**

EDUC 471 Second. Curric. & Instruction (3) \_\_\_\_\_  
 RDG 460 Reading Skills in Second. Ed. (3) \_\_\_\_\_  
 EDUC 474 Classroom Assessment (3) \_\_\_\_\_

Recommend taking NMTA's TC and CK-Math

**Capstone \*\*\* (11)**

EDUC 436 Classroom Management (3) \_\_\_\_\_  
 EDUC 494 Practice Teaching (8) \_\_\_\_\_

**TEACHING FIELD: Mathematics (34)**

MATH 131 College Algebra (3) \_\_\_\_\_  
 MATH 132 Trigonometry (3) \_\_\_\_\_  
 MATH 171 Calculus I (5) \_\_\_\_\_  
 MATH 172 Calculus II (4) \_\_\_\_\_  
 MATH 271 Calculus III (4) \_\_\_\_\_  
 MATH 304 Math for Secondary Teacher (3) \_\_\_\_\_  
 MATH 321 Statistics (3) \_\_\_\_\_  
 MATH 327 Survey of Geometry (3) \_\_\_\_\_  
 MATH 312 Comput. Linear Algebra **OR**  
 MATH 410 Abstract Mathematics (3) \_\_\_\_\_  
 Elective Course:  
 MATH 323, 417, 421, 423, 431, 450, 461,  
 462, 471, 472 or 496 \_\_\_\_\_ (3) \_\_\_\_\_

♦ Requires Admission to Teacher Education Program.

\*\* Requirements for enrolling in Application & Reinforcement coursework are passing scores on the NMTA Basic Skills and Admission to the Teacher Education Program.

\*\*\* NMTA Teacher Competency and Content Knowledge, if required, must be passed before credit in EDUC 494 will be granted.

**NOTE:** 128 hrs required (all may not be noted on degree plan)

- 54 hours upper division with 6 outside of major and minor
- 12 of last 18 hours in residence
- 12 hours in Writing Intensive courses
- 2.5 CGPA to enter Application
- 2.75 CGPA to enter Capstone
- need ENGL 101 and 102, COMM 110, PSY 102, and a Gen Ed Math with grade of C or better prior to or concurrent with EDUC 311

Student \_\_\_\_\_ Date \_\_\_\_\_

Advisor \_\_\_\_\_ Date \_\_\_\_\_

11/20/2003

Student must file an advisor approved degree plan & application for degree audit with the Registrar's Office by date published in current class schedule.