WESTERN NEW MEXICO UNIVERSITY

Secondary Educ. (0803) & Mathematics Major (1701)

School of Education & Department of Mathematics & Computer Science

Student Name:_____ ID #:_____ Tel #:_____ Degree Type

Address:_____ Email:_____ ❑ BS ❑ BA
(include, city, state, zip)

Catalog Authority: 2010-11 Expected Completion:_____ Advisor:_____

Double Major

GENERAL EDUCATION REQUIREMENTS (41)*

Course(Credits) Sem/Year Grade

Area I - Oral Communications (3) (see page 2)

Pick one of the following: COMM 110, THR 250

Course:_____ (3) _____ _____

or Transfer: TGE (COMM 175)

Area I - Written Communications (6)

ENGL 101 Comp & Rhetoric I (3) _____ _____

ENGL 102 Comp & Rhetoric II (3) _____ _____

or Transfer: TGE (ENGL 175) for ENGL 102 only

Area II - Mathematics (3)

MATH 105, 106, 121, 131, 132 or 171

or Transfer: TGE (MATH 175)

This requirement is fulfilled by the major core requirements

Area III - Laboratory Science (8) (see page 2)

Pick two courses (plus labs) from different groups:

Life Science	**Physical Science**	**Earth/Space Sci.**
BIOL 101, 102,	CHEM 121, 151, 152	GEOL 101, 102,
BIOL 202, 204, 206,	PHSC 101, 171	GEOL 105, 201
BIOL 254, 255	PHYS 151, 152, 171, 172	PHSC 115

Course:_____ (4) _____ _____

Course:_____ (4) _____ _____

or TGE (BIOL 175, CHEM 175, GEOL 175, PHSC 175, PHYS 175)

Area IV - Social and Behavioral Sciences (6-9) **

Pick 2-3 courses from different groups of the following:

1) ANTH 201, 202, 212/214#; GEOG 201, 202, 205 2) ECON 201, 202

3) POLS 201, 202 4) PSY 102 5) SOC 101, 102, CJUS 111, SWK 101#

Course:_____ (3) _____ _____

Course:_____ (3) _____ _____

Course:_____ (3) _____ _____

or Transfer TGE (ANTH 175, ECON 175, GEOG 175, POLS 175, PSY 175, SOC 175) (see page 2)

\# Pending approval

Area V - Humanities and Fine Arts (9-12) **

Pick 3-4 courses from at least 3 separate categories below:

1) History HIST 111, 112, 201, 202

Course:_____ (3) _____ _____

Course:_____ (3) _____ _____

or Transfer: TGE (HIST 175)

2) Literature

ENGL 200, 201, 205, 225, 240, 265, 293, 294, 296, 297

Course:_____ (3) _____ _____

Course:_____ (3) _____ _____

or Transfer: TGE (ENGL 275)

3) Aesthetics (Art, Music, Theater)

ART 211, 241#, 261#; MUSC 111, 119; THR 110, 136, 211

Course:_____ ( ) _____ _____

Course:_____ ( ) _____ _____

or Transfer: TGE (ART 175, MUSC 175, THR 175, HUM 175)

4) Philosophy PHIL 100, 101, 200

Course:_____ (3) _____ _____

Course:_____ (3) _____ _____

or Transfer: TGE (PHIL 175)

Computer Literacy (3)

Pick either CMPS 110 or 111, or take a challenge exam.

Course:_____ (3) _____ _____

or Transfer: TGE (CMPS 175)

* Includes 35 hours of the NM Common Core plus 6 additional WNMU hours

** The total credits from Area IV and Area V must be 18 hours.

Note: TGE = Transferred General Education courses listed by HED or other transfer agreements, but with no WNMU equivalent

BS Requirement (6)

MATH, CMPS (any 2 courses beyond Gen. Ed) or EDUC 402

This requirement is fulfilled by the major core requirements

Or

BA Requirement (minimum of 3)

Completion of one of the following: SPAN 202, SPAN 252, SPAN 214 or any upper level Spanish course.

Course:_____ (3) _____ _____

Course:_____ (3) _____ _____

Degree Plan - Double Major in Secondary Education & Mathematics

Supporting Coursework (28 credit hours)

Course(Credits)	Sem/Year	Grade	Course(Credits)	Sem/Year	Grade
Lab Science: select a 3rd lab science course from a 3rd group-see page 1					
Lab Course: _____ (4)			HIST 111 or 112 World Civ* (3)		
COMM 110 Public Speaking* (3)			HIST 201 or 202 American Hist (3)		
ENGL 316, 320 or 419 _____ (3)			HIST 300 History of NM (3)		
PSY 102 Gen'l Psychology* (3)			HIST elective: _____ (3)		
*May be counted as General Education hours			THR 250 Storytelling (3)		

MATHEMATICS CORE REQUIREMENTS (25 Minimum)

MATH 131 College Algebra* (3)			MATH 210 Fndtns Math Thkg (3)		
MATH 132 Trigonometry* (3)			MATH 271 Calculus III (4)		
MATH 171 Calculus I (5)			MATH 321 Statistics (3)		
MATH 172 Calculus II (4)			MATH 496 Sr Project & Sem. (3)		
* may be waived for students with the proper background			CMPS 170 Computer Progrm I (3)		

Math Education concentration (15 credit hours)

MATH 304 Math for Sec Tchr (3)			**Select 6 more credit hours of upper division MATH courses**		
MATH 327 Surv of Geometry (3)			Course: _____ (3)		
MATH 312 Comp Linear Alg (3)			Course: _____ (3)		
or MATH 410 Abstract Math (3)			Course: _____ ( )		

Secondary Education Professional Core Requirements (45 credits hours)

1. Contextual Knowledge (15 credit hours)

BLED 414 Multicult Education (3)			PSY 301 Developmental Psych		
BLED 445 ESL Mthd/Cont Lit (3)			**or** PSY 302 Educational Psych (3)		
EDUC 402 Computer in Classrm (3)			SPED 408 Intro Except Child (3)		

2. Foundation (3 credit hours)

			NMTA Basic Skills test passed	❑ yes
EDUC 311 Fndtns of Education (3)			Admission to Teacher Ed Program	❑ yes

3. Application & Reinforcement (15 credit hours)

EDUC 436 Classroom Mgmt (3)			RDG 460 Reading Skills Sec Ed (3)		
EDUC 471 Sec. Curric & Instr (3)			SPED 428 Curr/Methods SPED (3)		
EDUC 474 Classrm Assessmnt (3)					

4. Capstone (12 credit hours)

		Course(Credits)	Sem/Year	Grade
NMTA Teacher Competency test passed	❑ yes	EDUC 494 Practice Teaching (12)		
NMTA Content Knowledge Elem. test passed	❑ yes			

Minimum CGPA of 2.75 needed to enter Capstone

Student Success Seminar: ACAD 101 (3 credits) Sem/Year: _____ Grade: _____

Upper Division Hours (54 minimum): _____ **Writing Intensive Hours (12 minimum):** _____
(6 hours must be outside of major and minor disciplines)

Total Hours (128 minimum required): _____ **Copy to Registrar on** (date)**:** _____

Original completed on (date)**:** _____ **Grad. Audit sent on** (date)**:** _____

Updated on (date)**:** _____ _____

_____ _____

Student Signature: _____ date: _____

Math Advisor Signature: _____ date: _____

SOE Advisor Signature: _____ date: _____

Dean of SOE Signature: _____ date: _____