

**WESTERN NEW MEXICO UNIVERSITY**  
**Secondary Education (0803) & Mathematics Major (1701)**  
**College of Education & Department of Mathematics & Computer Science**

Student Name: \_\_\_\_\_ ID #: \_\_\_\_\_ Tel #: \_\_\_\_\_ Degree Type

Address: \_\_\_\_\_ Email: \_\_\_\_\_  BS  BA  
 (include, city, state, zip)

Catalog Authority: 2014-15 Expected Completion: \_\_\_\_\_ Advisor: \_\_\_\_\_

**Double Major**

**GENERAL EDUCATION REQUIREMENTS (41)\***

**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:  

<b>Life Science</b>	<b>Physical Science</b>	<b>Earth/Space Sci.</b>
BIOL 101, 102,	CHEM 121, 151, 152	GEOL 101, 102,
BIOL 202, 204, 206,	PHSC 101, 171	GEOL 105, 201
BIOL 212, 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)\*\*** (see page 2)  
 Pick 2-3 courses from different groups of the following:  
 1) ANTH 201, 202, 212/214; GEOG 201, 202, 205  
 2) ECON 200, 201, 202 3) POLS 201, 202  
 4) PSY 102 5) SOC 101, 102, BSAD 100, 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)

**BS Requirement (6)**

MATH, CMPS (any 2 courses beyond Gen. Ed) or EDUC 402  
**This requirement is fulfilled by the major core requirements**

**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  
 ENGL 293, 294, 296, 297; CCHS 243  
 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)

**Technology Literacy (3)**  
 CMPS 110, CMPS 111, ART 140 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

**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 (31 credit hours)

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
<b>Lab Science: select a 3rd lab science course from a 3rd group-see page 1</b>					
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)	_____
Expr Arts Crse*:	(3)	_____	THR 250 Storytelling	(3)	_____

\*May be counted as General Education hours

### 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)	_____
			CMPS 170 Computer Progm I	(3)	_____

\* may be waived for students with the proper background

### Math Education concentration (15 credit hours)

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

### Secondary Education Professional Core Requirements (44 credits hours)

#### 1. Contextual Knowledge (12 credit hours)

BLED 414 Multicult Education	(3)	_____	EDUC 428 Student Growth/Dev	(3)	_____
EDUC 402 Computer in Classrm	(3)	_____	SPED 408 Intro Except Child	(3)	_____

#### 2. Foundation (3 credit hours)

EDUC 311 Fndtns of Education	(3)	_____	NMTA Basic Skills test passed	<input type="checkbox"/>	yes
			Admission to Teacher Ed Program	<input type="checkbox"/>	yes

#### 3. Application & Reinforcement (17 credit hours)

BLED 445 ESL Mthd/Cont Lit	(3)	_____	EDUC 471 Sec. Curric & Instr	(3)	_____
EDUC 436 Classroom Mgmt	(3)	_____	EDUC 474 Classrm Assessmnt	(3)	_____
EDUC 447 Field Exper Lab I	(1)	_____	RDG 460 Reading Skills Sec Ed	(3)	_____
EDUC 462 Field Exper Lab II	(1)	_____			

#### 4. Capstone (12 credit hours)

NMTA Teacher Competency test passed	<input type="checkbox"/>	yes	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
NMTA Content Knowledge test passed	<input type="checkbox"/>	yes	EDUC 494 Practice Teaching	(12)	_____

Minimum CGPA of 2.75 needed to enter Capstone

**Student Success Seminar:** ACAD 101 (3 credits)      Sem/Year: \_\_\_\_\_      Grade: \_\_\_\_\_

**Service Learning 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: \_\_\_\_\_

**COE Advisor Signature:** \_\_\_\_\_      date: \_\_\_\_\_

**Dean of COE Signature:** \_\_\_\_\_      date: \_\_\_\_\_