

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

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

Address: \_\_\_\_\_ Email: \_\_\_\_\_  BA  
 (complete - including street, city, state, zip)  BS

Catalog Authority: 2019-20 Expected Completion: \_\_\_\_\_ Advisor: \_\_\_\_\_

***Deadline for Application for Graduation; June 1st for Fall; September 1st for Spring; February 1st for Summer.***

**Double Major**

**GENERAL EDUCATION REQUIREMENTS (31)**

**Applied Liberal Arts and Sciences (9)**

	Sem/Year	Grade
ALAS 1810 Applied Liberal Arts & Sciences - Humanities	(3)	_____
ALAS 1820 Applied Liberal Arts & Sciences - Social/ Behav Science	(3)	_____
ALAS 1830 Applied Liberal Arts & Sciences - STEM	(3)	_____

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	
<b><u>Area I - Communications (6)</u></b>			
	<sup>1</sup>		<b><u>ENGL 1110 Pre-requisite/Co-req</u></b>
ENGL 1120 Composition II	1		
COMM 1130 Public Speaking			
COMM 1140 Intro to Media Writing			
COMM 2140 Small Group Communication			
Course: _____	(3)	_____	
Course: _____	(3)	_____	

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	
<b><u>Area IV - Social and Behavioral Sciences (3)</u></b>			
ANTH 1140 Intro to Cultural Anthropology			
ECON 1110 Survey of Economics			
ECON 2110 Macroeconomic Principles			
ECON 2120 Microeconomic Principles			
GEOG 1120 World Regional Geography			
GEOG 1130 Human Geography			
POLS 1110 Intro to Political Science			
POLS 1120 American National Government			
PSYC 1110 Intro to Psychology			
SOCI 1110 Intro to Sociology			
SOCI 2310 Contemporary Social Problems			
Course _____	(3)	_____	

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	
<b><u>Area II - Mathematics (3-5)</u></b>			
	<sup>2</sup>		<b><u>BCIS 1110 is Pre-requisite/Co-req</u></b>
MATH 1010 Mathematics for School Teachers			
MATH 1130 Survey of Mathematics	2		
MATH 1220 College Algebra	2		
MATH 1350 Intro to Statistics	2		
MATH 1510 Calculus I	2		
Course: _____	( )	_____	

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	
<b><u>Area V - Humanities (3)</u></b>			
ENGL 1410 Intro to Literature			
ENGL 2310 Intro to Creative Writing			
HIST 1110 United States History I			
HIST 1120 United States History II			
HIST 1150 Western Civilization I			
HIST 1160 Western Civilization II			
PHIL 1115 Intro to Philosophy			
Course _____	(3)	_____	

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	
<b><u>Area III - Science (4)</u></b>			
Pick <b>one</b> course (plus lab) from the following:			
BIOL 1110/1110L General Biology & Lab			
BIOL 1140/1140L5 Biology for Health Sciences & Lab			
BIOL 2110/2110L Principles of Biology: Cell/Molecular & Lab			
BIOL 2210/2210L Human Anatomy & Physiology I & Lab			
BIOL 2642/2642L Plant Form, Function and Diversity & Lab			
BIOL 2644/2644L Animal Form, Function and Diversity & Lab			
CHEM 1120/1120L Intro to Chemistry & Lab			
CHEM 1215/1215L General Chemistry I for STEM Majors & Lab			
GEOL 1110/1110L Physical Geology & Lab			
GEOL 1120/1120/L Environmental Geology & Lab			
GEOL 2110/2110L Historical Geology & Lab			
PHSC 1120/1120L Forensic Science I & Lab			
Course: _____	(4)	_____	

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	
<b><u>Area VI - Creative &amp; Fine Arts (3-4)</u></b>			
ARTS 1250 Design II			
ARTS 1410 Introduction to Photography			
ARTS 1610 Drawing I			
ARTS 1630 Painting I			
ARTS 2321 Appreciation of Clay			
ARTS 2841 Appreciation of Sculpture			
MUSC 1130 Music Appreciation			
Course _____	( )	_____	

**BS Requirement (6)**

**This requirement is fulfilled by the major core requirements**

**Or BA Requirement (minimum of 3)**

Complete any upper division Spanish course, or one of the following: SPAN 2120, BLED 431 **or** CLEP for four semesters of Spanish.

Course: _____	(3)	_____
Course: _____	(3)	_____

**Degree Plan - Double Major in Secondary Education & Mathematics**

**MATHEMATICS CORE REQUIREMENTS (25 Minimum)**

MATH 1220 College Algebra*	(4)	_____	_____	MATH 2431 Discrete Math	(3)	_____	_____
MATH 1230 Trigonometry*	(3)	_____	_____	MATH 2530 Calculus III	(4)	_____	_____
MATH 1510 Calculus I	(5)	_____	_____	MATH 1350 Intro to Statistics	(3)	_____	_____
MATH 1520 Calculus II	(4)	_____	_____	MATH 496 Sr Project & Sem.	(3)	_____	_____
* may be waived for students with the proper background				CMPS 170 Computer Program I	(3)	_____	_____

**Math Education concentration (15 credit hours)**

MATH 304 Math for Sec Tchrr	(3)	_____	_____	<b>Select 3 more credit hours of upper division MATH courses</b>
MATH 327 Surv of Geometry	(3)	_____	_____	Course: _____ (3) _____
MATH 312 Comp Linear Alg <b>or</b> MATH 410 Abstract Math				Course: _____ (3) _____
Course: _____	(3)	_____	_____	Course: _____ ( ) _____
MATH 451 History of Mathematic	(3)	_____	_____	

**Secondary Education Professional Core Requirements (41-44 credits hours)**

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

BLED 2130 Multicult Education	(3)	_____	_____	EDUC 2327 Student Growth/Dev	(3)	_____	_____
EDUC 2375 Tech Intgrtn Classrm	(3)	_____	_____	SPED 408 Intro Except Child	(3)	_____	_____

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

EDUC 200 Fndtns of Education	(3)	_____	_____	NES Essential Academic Skills	Reading Score: _____
					Writing Score: _____
Admission to Teacher Ed Program		<input type="checkbox"/>	yes		Math Score: _____

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

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

**4. Capstone (10-12 credit hours)**

NES Professional Knowledge: SECD	Score: _____	EDUC 492 Practice Teaching (9-11)	_____
NES Content Knowledge: Math	Score: _____	EDUC 496 Practice Teaching Sem (1)	_____

Minimum CGPA of 2.75 needed to enter Capstone

**Service Learning 3 credits:** \_\_\_\_\_ **Sem/Year:** \_\_\_\_\_ **Grade:** \_\_\_\_\_

**Upper Division Hours (42 minimum):** \_\_\_\_\_ **Writing Intensive Hours (9 minimum):** \_\_\_\_\_

**Total Hours (120 minimum required):** \_\_\_\_\_ **Copy to Registrar** date: \_\_\_\_\_

**Original completed:** date: \_\_\_\_\_ **Grad. Audit sent** date: \_\_\_\_\_

**Updated:** \_\_\_\_\_

**Student Signature:** \_\_\_\_\_ date: \_\_\_\_\_

**Math Advisor Signature:** \_\_\_\_\_ date: \_\_\_\_\_

**SOE Advisor Signature:** \_\_\_\_\_ date: \_\_\_\_\_

**Assoc. Dean SOE Signature:** \_\_\_\_\_ date: \_\_\_\_\_