

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: 2020-21 Expected Completion: _____ Advisor: _____

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

GENERAL EDUCATION REQUIREMENTS (31)

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
<u>Applied Liberal Arts and Sciences (9)</u>					
ALAS 1810 Humanities	(3)	_____	ALAS 1830 STEM	(3)	_____
ALAS 1820 Social/ Behav Sci.	(3)	_____			

Area I - Communications (6) ¹ **ENGL 1110 Pre-requisite/Co-req**
 ENGL 1120 Composition II ¹ (3) _____
 COMM 1130 Public Speaking
 COMM 1140 Intro to Media Writing
 COMM 2140 Small Group Communication
 Course: _____ (3) _____

Area IV - Social and Behavioral Sciences (3)
 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) _____

Area II - Mathematics (3-5) ² **BCIS 1110 is Pre-requisite/Co-req**
 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: _____ () _____

Area V - Humanities (3)
 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) _____

Area III - Science (4)
 Pick **one** 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) _____

Area VI - Creative & Fine Arts (3-4)
 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, 303, BLED 431 **or** CLEP for four semesters of Spanish.

Course: _____ (3) _____

Degree Plan - Double Major in Secondary Education & Mathematics

MATHEMATICS CORE REQUIREMENTS (25 Minimum)

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

Math Education concentration (15 credit hours)

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

2. Foundation (3 credit hours)

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

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 (1) _____	RDG 460 Reading Skills Sec Ed (3) _____
EDUC 447 Field Exper Lab (1) _____	

4. Capstone (10-12 credit hours)

PRAXIS: Principles of Learning & Teaching Score: _____	EDUC 492 Practice Teaching (9-11) _____
PRAXIS: Content Knowledge Mathematics 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: _____