

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: 2016-17 Expected Completion: _____ Advisor: _____

Double Major

GENERAL EDUCATION REQUIREMENTS (41)*

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
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Area I - Oral Communications (3)

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 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)

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 150, 200, 205, 225, 293

ENGL 294, 296, 297; LALS 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) **Students may test out.**

* 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

MATHEMATICS CORE REQUIREMENTS (25 Minimum)

MATH 131 College Algebra*	(4) _____	_____	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 Progrm I	(3) _____	_____

* may be waived for students with the proper background

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 Algor			Course: _____ (3) _____
MATH 410 Abstract Math			Course: _____ () _____
Course: _____	(3) _____	_____	

Secondary Education Professional Core Requirements (41-44 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) _____	_____	NES Essential Academic Skills	Score: _____
			Admission to Teacher Ed Program	<input type="checkbox"/> yes

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 SECD Professional Knowledge	Score: _____	EDUC 492 Practice Teaching (9-11)	_____
NES Math Content Knowledge	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 (12 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:** _____