

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: _____ BS BA
 (include, city, state, zip)

Catalog Authority: 2015-16 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 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

Course(Credits) Sem/Year Grade
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
 ENGL 293, 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)

* 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 (34 credit hours)

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
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)	_____
Expr Arts Crse*:	(3)	_____	THR 250 Storytelling	(3)	_____
Expr Arts Crse*:	(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)	_____
* 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 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 (43 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 (16 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)	_____

4. Capstone (12 credit hours)

NES Secd Teacher Competency	Score: _____	_____	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
NES Content Knowledge	Score: _____	_____	EDUC 494 Practice Teaching	(9-12)	_____

Minimum CGPA of 2.75 needed to enter Capstone

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:** date: _____

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

Updated: _____ date: _____

Student Signature: _____ date: _____

Math Advisor Signature: _____ date: _____

SOE Advisor Signature: _____ date: _____

SOE Dean Signature: _____ date: _____