

WESTERN NEW MEXICO UNIVERSITY
Secondary Educ. (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: 2008-09 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:

Life Science	Physical Science	Earth/Space Sci.
BIOL 101, 102, BIOL 202, 204, 206	CHEM 121, 151, 152 PHSC 101, 171 PHYS 151, 152, 171, 172	GEOL 101, 102, GEOL 201 PHSC 102, 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)**
 Pick 2-3 courses from different groups of the following:
 1) ANTH 201, 202; GEOG 201, 202, 205 2) ECON 201, 202
 3) POLS 201, 202 4) PSY 102 5) SOC 101, 102
 Course: _____ (3) _____
 Course: _____ (3) _____
 Course: _____ (3) _____
 or Transfer TGE (ANTH 175, ECON 175, GEOG 175, POLS 175,
 PSY 175, SOC 175) (see page 2)

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, 293, 294, 296, 297
 Course: _____ (3) _____
 Course: _____ (3) _____
 or Transfer: TGE (ENGL 275)
3) Aesthetics (Art, Music, Theater)
 ART 211, 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)

Computer Literacy (3)
 Pick either CMPS 110 or 111, 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

BS Requirement (6)

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

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 - Secondary Education/Mathematics

Supporting Coursework (28 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, 112, 201, or 202* (3)	_____	_____
COMM 110 Public Speaking* (3)	_____	_____	HIST 111, 112, 201, or 202 (3)	_____	_____
ENGL 316, 320 or 419 (3)	_____	_____	HIST 300 History of NM (3)	_____	_____
PSY 102 Gen'l Psychology* (3)	_____	_____	HIST elective: _____ (3)	_____	_____
*May be counted as General Education hours			THR 250 Storytelling (3)	_____	_____

MATHEMATICS CORE REQUIREMENTS (25 Minimum)

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
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 Prog Fundamentals (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 CORE REQUIREMENTS (39 credit hours)

1. Contextual Knowledge (9 credit hours)

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
BLED 414 Multicult Education (3)	_____	_____
PSY 301 Developmental Psych	_____	_____
or PSY 302 Educational Psych (3)	_____	_____
SPED 408 Intro Except Child (3)	_____	_____

2. Foundation (7 credit hours)

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
EDUC 311 Fndtns of Education (4)	_____	_____
EDUC 402 Computer in Classrm (3)	_____	_____
NMTA Basic Skills test passed		<input type="checkbox"/> yes
Admission to Teacher Ed Program		<input type="checkbox"/> yes
NMTA Teacher Competency test passed		<input type="checkbox"/> yes
NMTA Content Knowledge test passed		<input type="checkbox"/> yes

3. Application & Reinforcement (11 credit hrs)

EDUC 471 Sec. Curric & Instr (3)	_____	_____
EDUC 474 Classrm Assessmnt (2)	_____	_____
RDG 460 Reading Skills Sec Ed (3)	_____	_____
SPED 428 Curr/Methods SPED (3)	_____	_____

4. Capstone (12 credit hours)

EDUC 436 Classroom Mgmt (3)	_____	_____
EDUC 494 Practice Teaching (9)	_____	_____

Minimum CGPA of 2.75 needed to enter Capstone

Student Success Seminar: ACAD 101 (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: _____

SOE Advisor Signature: _____ date: _____

Dean of SOE Signature: _____ date: _____