

WESTERN NEW MEXICO UNIVERSITY

Degree Plan - Secondary Education (0803) & Science Education (0824)

Choice of 4 concentrations: Life Science (0412) Physical Science (0405) Earth & Space Science (1903) or General Science (1901)

College of Education & Department of Natural Sciences

Student Name: _____ ID #: _____ Tel #: _____ Degree Type

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

Catalog Authority: 2013-14 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

Course: _____ () _____

or Transfer: TGE (MATH 175)

Area III - Laboratory Science (8) (see page 2)

Two courses (including lab) from the major core requirements will fulfill the General Education laboratory science requirement.

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)

EDUC 402 Computers in Classrm (3) plus one other

Math and/or Computer Science course beyond Gen. Ed

incl PSY/SOC 323 Social Statistics & BIOL/GEOG 361/363 GIS

EDUC 402 Computer in Classrm (3) _____

Course: _____ (3) _____

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, 265

ENGL 293, 294, 296, 297; CCHS 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, IDEA 110, 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 & Science Education

SUPPORTING COURSEWORK (27 credit hours)

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
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)	_____	_____
HIST 111 or 112 World Civ* (3)	_____	_____	THR 250 Storytelling (3)	_____	_____
May be counted as General Education hours			Expr Arts Crse: _____ (3)	_____	_____

SCIENCE EDUCATION CORE (27 credit hours - 8 credits may count as Gen'l Ed Lab Science)

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
BIOL 202/203 Mjr I:Plant FFD (4)	_____	_____	GEOL 101/103 Gen'l Geology I (4)	_____	_____
BIOL 204/205 Mjr II:Animal FF (4)	_____	_____	GEOL 102/104 Gen'l Geology II (4)	_____	_____
CHEM 151/153 Gen'l Chem I (4)	_____	_____	Capstone Course: Methods of Teaching Science		
PHYS 151/153 Gen'l Physics I			BIOL/PHSC/GEOL 450 (3)	_____	_____
<u>or</u> PHYS 171/173 Prin Physics I (4)	_____	_____			

Select One Concentration from the Four Choices Below

0412 - Life Science (19 credits)

BIOL 206/207 Mjr III: Cell Biolog (4)	_____	_____
BIOL 301/303 Ecology (4)	_____	_____
BIOL 366/368 Genetics (4)	_____	_____
BIOL 422 Evolution (3)	_____	_____
BIOL: _____ (4)	_____	_____

0405 - Physical Science (19-20 credits)

CHEM 152/154 Gen Chemistry (4)	_____	_____
PHYS 152/154 Gen'l Physics II		
<u>or</u> PHYS 172/174 Prin Physics I (4)	_____	_____
CHEM 351/353 Organic Chem I (4)	_____	_____
CHEM 352/354 Organic Chem I (4)	_____	_____
Upper Div CHEM: _____ (3-4)	_____	_____

1903 - Earth & Space Science (19 credits)

GEOL 301/303 Rocks & Minera (4)	_____	_____
GEOL 305/307 Weather/Climat (4)	_____	_____
GEOL 315 Geology of NM (3)	_____	_____
PHSC 115/116 Desc Astronmy (4)	_____	_____
Upper Div GEOL: _____ (4)	_____	_____

1901 - General Science (18-20 credits)

BIOL 206/207 Mjr III: Cell Biolog (4)	_____	_____
GEOL 301/303 Rocks & Minera (4)	_____	_____
CHEM 152/154 Gen Chemistry (4)	_____	_____
Upper Div BIOL: _____ (3-4)	_____	_____
Upper Div Phys Sci: _____ (3-4)	_____	_____

Secondary Education Professional Core Requirements (44 credits hours)

1. Contextual Knowledge (12 credit hours)

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
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)	_____	_____	NMTA Basic Skills test passed	<input type="checkbox"/> yes
			Admission to Teacher Ed Program	<input type="checkbox"/> yes

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 I (1)	_____	_____	RDG 460 Reading Skills Sec Ed (3)	_____	_____
EDUC 462 Field Exper Lab II (1)	_____	_____			

4. Capstone (12 credit hours)

NMTA Teacher Competency test passed	<input type="checkbox"/> yes	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
NMTA Content Knowledge Elem. test passed	<input type="checkbox"/> yes	EDUC 494 Practice Teaching (12)	_____	_____

Minimum CGPA of 2.75 needed to enter Capstone

Degree Plan - Double Major in Secondary Education & Science Education

Student Success Seminar: ACAD 101 (3 credits) Sem/Year: _____ Grade: _____

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 on (date):** _____

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

Updated on (date): _____ _____

Student Signature: _____ date: _____

Advisor Signature: _____ date: _____

Dean of COE Signature: _____ date: _____