

# WESTERN NEW MEXICO UNIVERSITY

## Degree Plan - Elementary Education (0802) & 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  
(include, city, state, zip)

Catalog Authority: 2014-15 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)

**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, 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

#### BS Requirement (6)

Math and/or Computer Science courses beyond Gen. Ed

MATH 301 Underst Elem Math I (3) \_\_\_\_\_  
MATH 302 Underst Elem Math II (3) \_\_\_\_\_

## Degree Plan - Double Major in Elementary 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 Astronomy (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)	_____	_____

### Elementary Education Professional Core Requirements (50 credit hours)

#### 1. Contextual Knowledge (12 credit hours)

BLED 414 Multicult Education (3)	_____	_____	EDUC 428 Student Growth/Dev (3)	_____	_____
EDUC 402 Computer in Classrn (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 (23 credit hours)

BLED 445 ESL Mthd/Cont Lit (3)	_____	_____	EDUC 472 Elem Methd/Curr I (3)	_____	_____
EDUC 414 Elem Instr Pln/Asmt (3)	_____	_____	EDUC 473 Elem Methd/Curr II (3)	_____	_____
EDUC 436 Classroom Mgmt (3)	_____	_____	RDG 410 Teaching of Reading (3)	_____	_____
EDUC 447 Field Exper Lab I (1)	_____	_____	RDG 411 Corrective Reading (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 test passed	<input type="checkbox"/> yes	EDUC 492 Practice Teaching (12)	_____	_____

Minimum CGPA of 2.75 needed to enter Capstone

**Degree Plan - Double Major in Elementary Education & Science Education**

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**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: \_\_\_\_\_