

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)

School of Education & Department of Natural Sciences

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

Address: _____ Email: _____ BS
(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

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

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

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 (30 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 300 History of NM	(3)	_____
ENGL 316, 320 or 419	(3)	_____	HIST elective:	(3)	_____
PSY 102 Gen'l Psychology*	(3)	_____	THR 250 Storytelling	(3)	_____
HIST 111 or 112 World Civ*	(3)	_____	Expr Arts Crse*:	(3)	_____
HIST 201 or 202 American Hist	(3)	_____	Expr Arts Crse*:	(3)	_____

*May be counted as General Education hours

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)	_____	NES Essential Academic Skills	Score: _____
			Admission to Teacher Ed Program	<input type="checkbox"/> yes

3. Application & Reinforcement (22 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	(1)	_____	RDG 411 Corrective Reading	(3)	_____

4. Capstone (12 credit hours)

NES Elem Teacher Competency	Score: _____	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
NES Content Knowledge	Score: _____	EDUC 492 Practice Teaching	(9-12)	_____

Minimum CGPA of 2.75 needed to enter Capstone

Degree Plan - Double Major in Elementary Education & Science Education

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: _____

Advisor Signature: _____ date: _____

Dean of SOE Signature: _____ date: _____