

WESTERN NEW MEXICO UNIVERSITY

Degree Plan -Elementary Education (0802) & Science Education (0804)

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
(complete - including street, city, state, zip)

Catalog Authority: 2016-17 Expected Completion: _____ Advisor: _____

Double Major

GENERAL EDUCATION REQUIREMENTS (41)*

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
Area I - Oral Communications (3)			Area V - Humanities and Fine Arts (9-12) **		
Pick one of the following: COMM 110, THR 250			Pick 3-4 courses from at least 3 separate categories below:		
Course: _____ (3) _____			1) History HIST 111, 112, 201, 202		
or Transfer: TGE (COMM 175)			Course: _____ (3) _____		
			Course: _____ (3) _____		
			or Transfer: TGE (HIST 175)		
Area I - Written Communications (6)			2) Literature ENGL 150, 200, 205, 225, 293		
ENGL 101 Comp & Rhetoric I (3) _____			ENGL 294, 296, 297; LALS 243		
ENGL 102 Comp & Rhetoric II (3) _____			Course: _____ (3) _____		
or Transfer: TGE (ENGL 175) for ENGL 102 only			Course: _____ (3) _____		
			or Transfer: TGE (ENGL 275)		
Area II - Mathematics (3) (see page 2)			3) Aesthetics (Art, Music, Theater)		
MATH 105, 106, 121, 131, 132 or 171			ART 211, 241, 261; MUSC 111, 119; THR 110, 136, 211		
Course: _____ () _____			Course: _____ () _____		
or Transfer: TGE (MATH 175)			Course: _____ () _____		
			or Transfer: TGE (ART 175, MUSC 175, THR 175, HUM 175)		
Area III - Laboratory Science (8) (see page 2)			4) Philosophy PHIL 100, 101, 200		
Two courses (including lab) from the major core requirements			Course: _____ (3) _____		
will fulfill the General Education laboratory science requirement.			Course: _____ (3) _____		
			or Transfer: TGE (PHIL 175)		
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)					

Technology Literacy (3)

CMPS 110, CMPS 111, ART 140, or take a challenge exam.

Course: _____ (3) _____
or Transfer: TGE (CMPS 175) **Students may test out.**

* 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 credits)

MATH 301 Underst Elem Math I (3) _____ MATH 302 Underst Elem Math II (3) _____

Degree Plan - Double Major in Elementary Education & Science Education

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 FFD	(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 or PHYS 171/173 Prin Physics			BIOL/PHSC/GEOL 450	(3)	_____
Course: _____	(4)	_____			

Select One Concentration from the Four Choices Below

0412 - Life Science (19 credits)

BIOL 206/207 Mjr III: Cell Biology	(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 II	(4)	_____
PHYS 152/154 Gen'l Physics II or PHYS 172/174 Prin Physics II		
Course: _____	(4)	_____
CHEM 351/353 Organic Chem I	(4)	_____
CHEM 352/354 Organic Chem II	(4)	_____
Upper Div CHEM: _____	(3-4)	_____

1903 - Earth & Space Science (19 credits)

GEOL 301/303 Rocks & Minerals	(4)	_____
GEOL 305/307 Weather/Climate	(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 Biology	(4)	_____
GEOL 301/303 Rocks & Minerals	(4)	_____
CHEM 152/154 Gen Chemistry II	(4)	_____
Upper Div BIOL: _____	(3-4)	_____
Upper Div Phys Sci: _____	(3-4)	_____

Elementary Education Professional Core Requirements (47-50 credit 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 (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	(1)	_____	RDG 411 Corrective Reading	(3)	_____
EDUC 447 Field Exper Lab	(1)	_____			

4. Capstone (10-12 credit hours)

NES Elem Professional Knowledge	Score: _____	EDUC 492 Practice Teaching (9-11)	_____
NES Content Knowledge	Score: _____	EDUC 496 Practice Teaching Sem (1)	_____

Minimum CGPA of 2.75 needed to enter Capstone

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Service Learning 3 credits: _____ **Sem/Year:** _____ **Grade:** _____

Upper Division Hours (42 minimum): _____ **Writing Intensive Hours (12 minimum):** _____

Total Hours (120 minimum required): _____ **Copy to Registrar** date: _____

Original completed date: _____ **Grad. Audit sent** date: _____

Updated: _____

Student Signature: _____ date: _____

Advisor Signature: _____ date: _____

Assoc. Dean of SOE Signature: _____ date: _____