

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)

School of Education & Department of Natural Sciences

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

Address: _____ Email: _____ ☐ BS ☐ BA
(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)

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

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

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

3. Application & Reinforcement (16 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 474 Field Exper Lab	(1)		RDG 460 Reading Skills Sec Ed	(3)	

4. Capstone (12 credit hours)

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
NES Secd Teacher Competency	Score:	
NES Content Knowledge	Score:	
EDUC 494 Practice Teaching	(9-12)	

Minimum CGPA of 2.75 needed to enter Capstone

Degree Plan - Double Major in Secondary 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:** _____