

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

Catalog Authority: 2018-19 Expected Completion: _____ Advisor: _____

Deadline for Application for Graduation; June 1st for Fall; September 1st for Spring; February 1st for Summer.

Double Major

GENERAL EDUCATION REQUIREMENTS (41)*

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
Area I - Oral Communications (3)		
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) (see page 2)		
MATH 105, 106, 107, 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) **

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 250 Computers in Classrm (3) plus one other
Math and/or Computer Science course beyond Gen. Ed
incl PSY/SOC 323 Social Statistics & GISS/GEOG 361/363 GIS
EDUC 250 Computer in Classrm (3) _____
Course: _____ (3) _____

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 150, 200, 205, 225, 265 ENGL 293, 296; LALS 243
Course: _____ (3)	_____
Course: _____ (3)	_____
or Transfer: TGE (ENGL 275)	
3) Aesthetics (Art, Music, Theater)	ART 103, 210, 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 104, 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)

Complete any upper division Spanish course, or one of the
following: SPAN 202, BLED 431 **or** CLEP for four semesters
of Spanish.

Course: _____ (3)	_____
Course: _____ (3)	_____

Degree Plan - Double Major in Secondary 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 (3)	_____	_____
BIOL 204/205 Mjr II:Animal FFD(4)	_____	_____	GEOL 102/104 Gen'l Geology II	_____	_____
CHEM 151/153 Gen'l Chem I (4)	_____	_____	Capstone Course: Methods of Teaching Science		
PHYS 151/153 Gen'l Physics I <u>or</u> PHYS 171/173 Prin Physics I			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 <u>or</u> PHYS 172/172 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/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 Biology (4)	_____	_____
CHEM 152/154 Gen Chemistry II (4)	_____	_____
GEOL 301/303 Rocks & Minerals (4)	_____	_____
Upper Div BIOL: _____ (3-4)	_____	_____
Upper Div CHEM/GEOL/PHSC/PHYS:		
Course: _____ (3-4)	_____	_____

Secondary Education Professional Core Requirements (41-44 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 250 Computer in Classrm (3)	_____	_____	SPED 408 Intro Except Child (3)	_____	_____

2. Foundation (3 credit hours)

EDUC 200 Fndtns of Education (3)	_____	_____	NES Essential Academic Skills	Reading Score: _____
Admission to Teacher Ed Program	<input type="checkbox"/> yes			Writing Score: _____
				Math Score: _____

3. Application & Reinforcement (17 credit hours)

BLED 445 ESL Mthd/Cont Lit (3)	_____	_____	EDUC 436 Classroom Mgmt (3)	_____	_____
EDUC 447 Field Exper Lab (1)	_____	_____	EDUC 474 Classrm Assessmnt (3)	_____	_____
EDUC 471 Sec. Curric & Instr (3)	_____	_____	RDG 460 Reading Skills Sec Ed (3)	_____	_____
EDUC 447 Field Exper Lab (1)	_____	_____			

4. Capstone (10-12 credit hours)

NES Professional Knowledge: Secd	Score: _____	EDUC 494 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 (9 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: _____