

WESTERN NEW MEXICO UNIVERSITY
Degree Plan - Science Education Major (0824)
Department of Natural Sciences

Student Name: _____ ID _____ Tel #: _____ Degree Type
 Address: _____ Email: _____ ☐ BS
 (complete - incl street, city, state, zip) _____ ☐ BA
 Catalog Authority: 2017-18 Expected Completion _____ Advisor: _____

GENERAL EDUCATION REQUIREMENTS (41)*

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)

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)

MATH 321 Statistics, plus one CMPS course beyond Gen'l. Ed
 or BIOL/GEOG 361/363 Intro to GIS

MATH 321 Statistics (3) _____
 Course: _____ () _____

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) _____

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 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

Degree Plan - Science Education Major

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 Physical Geology (4)	_____	_____
BIOL 204/205 Mjr II:Animal FFD (4)	_____	_____	GEOL 102/104 Historical Geology (4)	_____	_____
CHEM 151/153 Gen'l Chemistry I (4)	_____	_____	Capstone Course: Methods of Teaching Science		
PHYS 151/153 Gen Physics I <u>or</u> PHYS 171/173 Princ of 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)	_____	_____
Upper Div BIOL: (4)	_____	_____

1903 - Earth & Space Science (19 credits)

GEOL 301/303 Rock & Minerals (4)	_____	_____
GEOL 305/307 Weather/Climate (4)	_____	_____
GEOL 315 Geology of NM (3)	_____	_____
PHSC 115/116 Desc Astronomy (4)	_____	_____
Upper Div GEOL: (4)	_____	_____

0405 - Physical Science (21-22 credits)

CHEM 152/154 Gen Chemistry II* (4)	_____	_____
PHYS 152/154 Gen Physics II <u>or</u> PHYS 172/174 Princ of Physics II		
Course: _____ (4)	_____	_____
CHEM 351/353 Organic Chem I (5)	_____	_____
CHEM 352/354 Organic Chem II (5)	_____	_____
Upper Div CHEM: (3-4)	_____	_____

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)	_____	_____
CHEM/GEOL/PHSC/PHYS Upper Division Elective		
Course: _____ (3-4)	_____	_____

MINOR DEGREE COURSES (18-24 hours outside the major discipline)

Minor: _____
(attach degree plan worksheet for your minor, with course details)

Number of Credits: _____

ADDITIONAL COURSES (to fulfill the 120 hour requirement)

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
Course: _____ ()	_____	_____	Course: _____ ()	_____	_____
Course: _____ ()	_____	_____	Course: _____ ()	_____	_____
Course: _____ ()	_____	_____	Course: _____ ()	_____	_____
Course: _____ ()	_____	_____	Course: _____ ()	_____	_____
Course: _____ ()	_____	_____	Course: _____ ()	_____	_____

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 on (date): _____ Grad. Audit sent: _____ date: _____

Updated: _____

Student Signature: _____ date: _____

Advisor Signature: _____ date: _____