

WESTERN NEW MEXICO UNIVERSITY
Degree Plan -Elementary Education (0802) & Science Education (0804)
School of Education & Department of Natural Sciences

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

Address: _____ Email: _____ BS
 (complete - including street, city, state, zip)

Catalog Authority: 2020-21 Expected Completion: _____ Advisor: _____

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

GENERAL EDUCATION REQUIREMENTS (31)

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
<u>Applied Liberal Arts and Sciences (9)</u>					
ALAS 1810 Humanities	(3)	_____	ALAS 1830 STEM	(3)	_____
ALAS 1820 Social/ Behav Sci.	(3)	_____			

Area I - Communications (6) ¹ ENGL 1110 Pre-requisite/Co-req

ENGL 1120 Composition II ¹
 COMM 1130 Public Speaking
 COMM 1140 Intro to Media Writing
 COMM 2140 Small Group Communication
 Course _____ (3) _____
 Course _____ (3) _____

Area IV - Social and Behavioral Sciences (3)

ANTH 1140 Intro to Cultural Anthropology
 ECON 1110 Survey of Economics
 ECON 2110 Macroeconomic Principles
 ECON 2120 Microeconomic Principles
 GEOG 1120 World Regional Geography
 GEOG 1130 Human Geography
 POLS 1110 Intro to Political Science
 POLS 1120 American National Government
 PSYC 1110 General Psychology
 SOCI 1110 Intro to Sociology
 SOCI 2310 Contemporary Social Problems
 Course _____ (3) _____

Area II - Mathematics (3-5) ² BCIS 1110 is Pre-requisite/Co-req

MATH 1010 Mathematics for School Teachers
 MATH 1130 Survey of Mathematics ²
 MATH 1220 College Algebra ²
 MATH 1350 Intro to Statistics ²
 MATH 1510 Calculus I ²
 Course _____ () _____

Area V - Humanities (3)

ENGL 1410 Intro to Literature
 ENGL 2310 Intro to Creative Writing
 HIST 1110 United States History I
 HIST 1120 United States History II
 HIST 1150 Western Civilization I
 HIST 1160 Western Civilization II
 PHIL 1115 Intro to Philosophy
 Course _____ (3) _____

Area III - Science (4)

Pick **one** course (plus lab) from the following:
 BIOL 1110/1110L General Biology & Lab
 BIOL 1140/1140L5 Biology for Health Sciences & Lab
 BIOL 2110/2110L Principles of Biology: Cell/Molecular & Lab
 BIOL 2210/2210L Human Anatomy & Physiology I & Lab
 BIOL 2642/2642L Plant Form, Function and Diversity & Lab
 BIOL 2644/2644L Animal Form, Function and Diversity & Lab
 CHEM 1120/1120L Intro to Chemistry & Lab
 CHEM 1215/1215L General Chemistry I for STEM Majors & Lab
 GEOL 1110/1110L Physical Geology & Lab
 GEOL 1120/1120L Environmental Geology & Lab
 GEOL 2110/2110L Historical Geology & Lab
 PHSC 1120/1120L Forensic Science I & Lab
 Course _____ (4) _____

Area VI - Creative & Fine Arts (3-4)

ARTS 1250 Design II
 ARTS 1410 Intro to Photography
 ARTS 1610 Drawing I
 ARTS 1630 Painting I
 ARTS 2321 Appreciation of Clay
 ARTS 2841 Appreciation of Sculpture
 MUSC 1130 Music Appreciation
 Course _____ () _____

BS Requirement (6 credits)

MATH 2132 Underst Elem Math I (3) _____ MATH 2133 Underst Elem Math I (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 2642/2642L Plant FFD (4)	_____	_____	GEOL 1110/1110L Physcl Geolo (4)	_____	_____
BIOL 2644/2644L Animal FFD (4)	_____	_____	GEOL 2110/2110L Hist Geology (4)	_____	_____
CHEM 1215/1215L Gen'l Chem I (4)	_____	_____			
PHYS 1230/1230L Algebra-based Physics I			Capstone Course: Methods of Teaching Science		
or PHYS 1310/1310L Calculus-based Physics I			BIOL/PHSC/GEOL 450 (3)	_____	_____
Course: _____ (4)	_____	_____			

Select One Concentration from the Four Choices Below

0412 - Life Science (19 credits)

BIOL 2110/2110L Cell Biology (4)	_____	_____
BIOL 301/303 Ecology (4)	_____	_____
BIOL 366/368 Genetics (4)	_____	_____
BIOL 422 Evolution (3)	_____	_____
BIOL: _____ (4)	_____	_____

0405 - Physical Science (21-22 credits)

CHEM 1225/1225L Gen Chem II (4)	_____	_____
PHYS 1240/1240L Algebra-based Physics II		
or PHYS 1320/1320L Calculus-based Physics II		
Course: _____ (4)	_____	_____
CHEM 351/353 Organic Chem I (5)	_____	_____
CHEM 352/354 Organic Chem II (5)	_____	_____
Upper Div CHEM: _____ (3-4)	_____	_____

1903 - Earth & Space Science (19 credits)

GEOL 301/303 Rocks & Mineral (4)	_____	_____
GEOL 2130/307 Weather/Climat (4)	_____	_____
GEOL 2140 Geology of NM (3)	_____	_____
PHSC 115/116 Desc Astronmy (4)	_____	_____
Upper Div GEOL: _____ (4)	_____	_____

1901 - General Science (18-20 credits)

BIOL 2110/2110L Cell Biology (4)	_____	_____
GEOL 301/303 Rocks & Mineral (4)	_____	_____
CHEM 1225/1225L Gen Chem I (4)	_____	_____
Upper Div BIOL: _____ (3-4)	_____	_____
Upper Div Phys Sci: _____ (3-4)	_____	_____

Elementary Education Professional Core Requirements (48-50 credit hours)

1. Contextual Knowledge (12 credit hours)

BLED 2130 Multicult Education (3)	_____	_____	EDUC 2327 Student Growth/Dev (3)	_____	_____
EDUC 2375 Tech Intgrtn Classrr (3)	_____	_____	SPED 408 Practical Applications (3)	_____	_____

2. Foundation (3 credit hours)

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

3. Application & Reinforcement (23 credit hours)

BLED 445 ESL Mthd/Cont Lit (3)	_____	_____	EDUC 447 Field Exper Lab (1)	_____	_____
EDUC 2435 The Teaching of Rd (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 411 Corrective Reading (3)	_____	_____
EDUC 447 Field Exper Lab (1)	_____	_____			

4. Capstone (10-12 credit hours)

PRAXIS: Principles of Learning & Teaching	Score: _____	EDUC 492 Pract Teaching Elem(9-11)	_____	_____
PRAXIS: Elementary Education: Curriculum	Score: _____	EDUC 496 Pract Teaching Sem (1)	_____	_____

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 (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: _____