

WESTERN NEW MEXICO UNIVERSITY

Degree Plan - Zoology Major (0407)

Department of Natural Sciences

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

Address: _____ Email: _____ ☐ BS

(complete - incl street, city, state, zip) _____ ☐ BA

Catalog Authority: 2019-20 Expected Completion: _____ Advisor: _____

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

GENERAL EDUCATION REQUIREMENTS (31)

Applied Liberal Arts and Sciences (9)

	Sem/Year	Grade
ALAS 1810 Applied Liberal Arts & Sciences - Humanities	(3)	_____
ALAS 1820 Applied Liberal Arts & Sciences - Social/ Behav Sciences	(3)	_____
ALAS 1830 Applied Liberal Arts & Sciences - STEM	(3)	_____

Course(Credits)	Sem/Year	Grade
Area I - Communications (6)	¹ ENGL 1110 Pre-requisite/Co-req	

ENGL 1120 Composition II¹
COMM 1130 Public Speaking
COMM 1140 Intro to Media Writing
COMM 2140 Small Group Communication
Course: _____ (3) _____
Course: _____ (3) _____

Area II - Mathematics (3-5)	² BCIS 1110 is Pre-requisite/Co-req
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MATH 1010 Mathematics for School Teachers
MATH 1130 Survey of Mathematics²
MATH 1220 College Algebra²
MATH 1350 Intro to Statistics²
MATH 1510 Calculus I²
Course: _____ () _____

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) _____

BS Requirement (6)

MATH 1350 Intro to Statistics, plus one CMPS course beyond Gen'l. Ed **or** GISS/GEOL 361/363 Intro to GIS

MATH 1350 Intro to Statistics (3) _____
Course: _____ () _____

Course(Credits)	Sem/Year	Grade
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 Intro to Psychology
SOCI 1110 Intro to Sociology
SOCI 2310 Contemporary Social Problems
Course: _____ (3) _____

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 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: _____ () _____

OR

BA Requirement (minimum of 3)

Complete any upper division Spanish course, or one of the following: SPAN 2120, BLED 431 or CLEP for four semesters of Spanish.

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

Degree Plan - Zoology Major

SUPPORTING COURSEWORK (8 credit hours)

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
CHEM 1215/1215 Gen Chem I* (4)	_____	_____	CHEM 1225/1225L Gen Chem II* (4)	_____	_____
Chemistry 1215 and 1225 are required unless incl in minor			*May count as General Education Lab Science.		

LIFE SCIENCE CORE REQUIREMENTS (23 credit hours)

<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)	_____	_____	BIOL 301/303 Ecology (4)	_____	_____
BIOL 2644/2644L Animal FFD* (4)	_____	_____	BIOL 366/368 Genetics (4)	_____	_____
BIOL 2110/2110L Princ Biol:Cell Bi (4)	_____	_____	BIOL 422 Evolution (3)	_____	_____
*May count as General Education Lab Science.					

ZOOLOGY MAJOR REQUIREMENTS (30 hours)

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
BIOL 310/312 Invertebrt Zool	(4)	_____	Pick one group specific course: <u>or</u> BIOL 442/443 Ornithology <u>or</u> BIOL 451/453 Mammalogy <u>or</u> BIOL 462/464 Cmp Chord Anat BIOL 486 Senior Project	_____	_____
BIOL 311/313 Vertebrate Zool	(4)	_____		_____	_____
Pick one of the three following courses: BIOL 320 Animal Behavioral Ecol <u>or</u> BIOL 342 Comparative Physiol <u>or</u> BIOL 432 Biogeography				_____	_____
Course: _____	(3)	_____		_____	_____
				BIOL 415/417 Ichthyology	_____
				<u>or</u> BIOL 448/449 Herpetology	_____
				<u>or</u> BIOL 457/459 Entomology	_____

Select 8 credits minimum in advisor approved Upper Division BIOL electives

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

MINOR DEGREE COURSES

(Botany or Cell/Molecular Biology or a minor outside the Biology discipline)

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

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: _____ ()	_____	_____

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

Updated: _____

Student Signature: _____ date: _____

Advisor Signature: _____ date: _____