

# WESTERN NEW MEXICO UNIVERSITY

## Degree Plan - Zoology Major (0407)

### Department of Natural Sciences

Student Name: \_\_\_\_\_ ID #: \_\_\_\_\_ Tel #: \_\_\_\_\_ Degree Type

Address: \_\_\_\_\_ Email: \_\_\_\_\_ ☐ BS

Catalog Authority: 2020-21 Expected Completion: \_\_\_\_\_ Advisor: \_\_\_\_\_ ☐ BA

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

### **GENERAL EDUCATION REQUIREMENTS (31)**

**AA or AS earned within New Mexico: YES \_\_\_\_\_ NO \_\_\_\_\_ If earned, then General Education is complete.**

Course(Credits)

Sem/Year

Grade

Course(Credits)

Sem/Year

Grade

#### **Applied Liberal Arts and Sciences (9)**

ALAS 1810 Humanities (3) \_\_\_\_\_

ALAS 1820 Social/ Behav Sci. (3) \_\_\_\_\_

ALAS 1830 STEM (3) \_\_\_\_\_

#### **Area I - Communications (6) <sup>1</sup> ENGL 1110 Pre-requisite/Co-req**

ENGL 1120 Composition II <sup>1</sup> (3) \_\_\_\_\_

COMM 1130 Public Speaking

COMM 1140 Intro to Media Writing

COMM 2140 Small Group Communication

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 Intro to Psychology

SOCI 1110 Intro to Sociology

SOCI 2310 Contemporary Social Problems

Course: \_\_\_\_\_ (3) \_\_\_\_\_

#### **Area II - Mathematics (3-5) <sup>2</sup> BCIS 1110 is Pre-requisite/Co-req**

MATH 1010 Mathematics for School Teachers

MATH 1130 Survey of Mathematics <sup>2</sup>

MATH 1220 College Algebra <sup>2</sup>

MATH 1350 Intro to Statistics <sup>2</sup>

MATH 1510 Calculus I <sup>2</sup>

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 1140/1140L 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)**

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

MATH 1350 Intro to Statistics (3) \_\_\_\_\_

Course: \_\_\_\_\_ ( ) \_\_\_\_\_

**OR**

#### **BA Requirement (minimum of 3)**

Complete any upper division Spanish course, or one of the following: SPAN 2120, 303, BLED 431

or CLEP for four semesters of Spanish

Course: \_\_\_\_\_ ( ) \_\_\_\_\_

## 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 F (4)	_____	_____	BIOL 422 Evolution (3)	_____	_____
*May count as General Education Lab Science.					

### ZOOLOGY MAJOR REQUIREMENTS (31 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)	_____	_____	<b>Pick one group specific course:</b> <u>or</u> BIOL 415/417 Ichthyology <u>or</u> BIOL 442/443 Ornithology <u>or</u> BIOL 448/449 Herpetology <u>or</u> BIOL 451/453 Mammalogy <u>or</u> BIOL 457/459 Entomology	_____	_____
BIOL 311/313 Vertebrate Zool (4)	_____	_____		_____	_____
<b>Pick one of the three following courses:</b>				_____	_____
BIOL 320 Animal Behavioral Ecol <u>or</u> BIOL 342 Comparative Physiol				_____	_____
<u>or</u> BIOL 432 Biogeography			Course: _____ (4)	_____	_____
Course: _____ (3)	_____	_____	BIOL 462/464 Cmp Chord Anat (5)	_____	_____
			BIOL 483 Intro to Senior Project (2)	_____	_____
			BIOL 486 Senior Project (1)	_____	_____

#### 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 credits required:** \_\_\_\_\_ **Copy to Registrar:** date: \_\_\_\_\_

**Original completed on (date):** \_\_\_\_\_ **Grad. Audit sent:** date: \_\_\_\_\_

**Updated:** \_\_\_\_\_

**Student Signature:** \_\_\_\_\_ **date:** \_\_\_\_\_

**Advisor Signature:** \_\_\_\_\_ **date:** \_\_\_\_\_