

# WESTERN NEW MEXICO UNIVERSITY

## Degree Plan - Biology Major (0401)

### Department of Natural Sciences

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

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

(complete - incl 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.**

### **GENERAL EDUCATION REQUIREMENTS (41)\***

Course(Credits) Sem/Year Grade

#### **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)

Pick two courses (plus labs) from the following:

BIOL 101, 102, 202, 204, 206, CHEM 121, 151, 152

BIOL 212, 254, 255 PHSC 101, 115, 171

GEOL 101, 102, 201 PHYS 151, 152, 171, 172

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** GISS/GEOG 361/363 Intro to GIS

MATH 321 Statistics (3) \_\_\_\_\_

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

Course(Credits) Sem/Year Grade

#### **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 - Biology 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 151/153 Gen Chem I* (4)			CHEM 152/154 Gen Chem II* (4)		
Chemistry 151 and 152 are required unless incl. in minor					

### 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 202/203 Mjr I:Plant FFD* (4)			BIOL 301/303 Ecology (4)		
BIOL 204/205 Mjr II:Animal FFD* (4)			BIOL 366/368 Genetics (4)		
BIOL 206/207 Mjr III:Cell Biology* (4)			BIOL 422 Evolution (3)		

\*May count as General Education Lab Science.

### BIOLOGY MAJOR REQUIREMENTS (30 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 310/312 Invertebr Zoology (4)			BIOL 360/362 Cell Biology (4)		
BIOL 311/313 Vertebrt Zoology (4)			Pick <u>one</u> group specific course: BIOL 415/417 Ichthyology		
BIOL 331/333 Biol of Algae/Fungi <u>or</u> BIOL 332/334 Evol/Div Plants			<u>or</u> BIOL 442/443 Ornithology <u>or</u> BIOL 448/449 Herpetology		
Course: (4)			<u>or</u> BIOL 451/453 Mammalogy <u>or</u> BIOL 457/459 Entomology		
BIOL 322/324 Dendrology <u>or</u> BIOL 351/353 Plant Taxonomy			Course: (4)		
Course: (4)			BIOL 471/473 Mjrs Microbiology (4)		
			BIOL 486 Senior Project (2)		

### MINOR DEGREE COURSES (18-24 hours outside the Biology 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 (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: \_\_\_\_\_