

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: 2017-18 Expected Completion: _____ Advisor: _____

GENERAL EDUCATION REQUIREMENTS (41)*

| <u>Course(Credits)</u> | <u>Sem/Year</u> | <u>Grade</u> |
|------------------------|-----------------|--------------|
|------------------------|-----------------|--------------|

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 BIOL/GEOG 361/363 Intro to GIS

MATH 321 Statistics (3) _____

Course: _____ () _____

| <u>Course(Credits)</u> | <u>Sem/Year</u> | <u>Grade</u> |
|------------------------|-----------------|--------------|
|------------------------|-----------------|--------------|

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

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 (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: _____