WESTERN NEW MEXICO UNIVERSITY
Degree Plan - Botany Major (0402)
Department of Natural Sciences

Student Name: _____ ID _____ Tel #: _____ <u>Degree Type</u>

Address: _____ Email: _____ ☐ BS

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

Catalog Authority: 2018-19   Expected Completion: _____ Advisor: _____

<u>Deadline for Application for Graduation; June 1st for Fall; September 1st for Spring; February 1st for Summer.</u>

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)

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

BS Requirement (6)   OR   BA Requirement (minimum of 3)

MATH 321 Statistics, plus one CMPS course beyond Gen'l. Ed
or GISS/GEOG 361/363 Intro to GIS

MATH 321 Statistics   (3) _____ _____
Course: _____ ( ) _____ _____

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 - Botany Major

SUPPORTING COURSEWORK (8 credit hours)

Course(Credits)	Sem/Year	Grade	Course(Credits)	Sem/Year	Grade
CHEM 151/153 Gen Chem I* (4)			CHEM 152/154 Gen Chem II* (4)		

Chemistry 151 aand152 are required unless incl. in minor

LIFE SCIENCE CORE REQUIREMENTS (23 credit hours)

Course(Credits)	Sem/Year	Grade	Course(Credits)	Sem/Year	Grade
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.

BOTANY MAJOR REQUIREMENTS (30 credit hours)

Course(Credits)	Sem/Year	Grade	Course(Credits)	Sem/Year	Grade
BIOL 322/324 Dendrology**or** BIOL 425/427 Range Vegetation			BIOL 410/412 Plant Physiology (4)		
Course: _____ (4)			BIOL 471/473 Mjrs Microbiol (4)		
BIOL 331/333 Biol Algae/Fungi (4)			BIOL 486 Senior Project (2)		
BIOL 332/334 Evol/Divrs Plants ((4)			**4 credits of advisor approved Upper Division BIOL electives**		
BIOL 351/353 Plant Taxonomy (4)			Course: _____ ( )		

MINOR DEGREE COURSES
(Cell/Molecular Biology or Zoology 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)

Course(Credits)	Sem/Year	Grade	Course(Credits)	Sem/Year	Grade
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: _____