

# WESTERN NEW MEXICO UNIVERSITY

## Degree Plan - Botany Major (0402)

### Department of Natural Sciences

Student Name: \_\_\_\_\_ ID #: \_\_\_\_\_ Tel #: \_\_\_\_\_ Degree Type  
Address: \_\_\_\_\_ Email: \_\_\_\_\_  BS  BA  
Catalog Authority: 2009-10 Expected Completion: \_\_\_\_\_ Advisor: \_\_\_\_\_

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

**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, 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 254, 255, PHSC 101, 102, 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; GEOG 201, 202, 205 2) CJUS 111  
3) ECON 201, 202 4) POLS 201, 202 5) PSY 102 6) SOC 101, 102  
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 200, 201, 205, 225, 240, 265, 293, 294, 296, 297  
Course: \_\_\_\_\_ (3) \_\_\_\_\_  
Course: \_\_\_\_\_ (3) \_\_\_\_\_  
or Transfer: TGE (ENGL 275)

**3) Aesthetics (Art, Music, Theater)**  
ART 211, 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)

**Computer Literacy (3)**  
Pick either CMPS 110 or 111, 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)**

MATH 321 plus one CMPS course beyond Gen'l. Ed  
MATH 321 Statistics (3) \_\_\_\_\_  
Course: \_\_\_\_\_ (3) \_\_\_\_\_

OR

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

Completion of one of the following: SPAN 202, SPAN 252, SPAN 214 or any upper level Spanish course.  
Course: \_\_\_\_\_ (3) \_\_\_\_\_  
Course: \_\_\_\_\_ (3) \_\_\_\_\_

## Degree Plan - Botany 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 Chemistry I (4)	_____	_____	CHEM 152/154 Gen Chemistry I (4)	_____	_____
Chemistry 151 and 152 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 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)

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

**Student Success Seminar:** ACAD 101 (3 credits) Sem/Year: \_\_\_\_\_ Grade: \_\_\_\_\_

**Upper Division Hours (54 minimum):** \_\_\_\_\_ **Writing Intensive Hours (12 minimum):** \_\_\_\_\_  
 (6 hours must be outside of major and minor disciplines)

**Total Hours (128 minimum required):** \_\_\_\_\_ **Copy to Registrar on (date):** \_\_\_\_\_

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

**Updated on (date):** \_\_\_\_\_

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

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