

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

Student Name: \_\_\_\_\_ SSN #: \_\_\_\_\_ Tel #: \_\_\_\_\_ Degree Type  
 Address: \_\_\_\_\_ Email: \_\_\_\_\_  BS  BA  
 Catalog Authority: 2004-05 Expected Completion: \_\_\_\_\_ Advisor: \_\_\_\_\_

**GENERAL EDUCATION & STUDENT SUCCESS REQUIREMENTS (46-49)**

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
<b>Oral Communications (3)</b>			<b>Fine Arts (6)</b>		
Pick one of the following: COMM 110, THR 211, THR 250			Pick one of the following: ART 211, MUSC 111, THR 110		
Course: _____ (3) _____			Course: _____ (3) _____		
<b>Written Communications (6)</b>			Pick at least 3 hours from any of the following:		
ENGL 101 Comp & Rhetoric I (3) _____			ART 101, 102, 103, 107, 205, 210,221,230,241,251,261,271		
ENGL 102 Comp & Rhetoric II (3) _____			MUSC 100, 101, 119, 151		
			THR 136, 211, 215, 250		
			Course: _____ ( ) _____		
<b>Mathematics (3 or 6)</b>			<b>History (3)</b>		
Pick one MATH course numbered 131 - 299			Pick one course from the following:		
<u>or</u> two MATH courses numbered below 131			HIST 111, 112, 201, 202		
(MATH 321 Statistics is required for the BS degree - see below)			Course: _____ (3) _____		
Course: _____ ( ) _____					
Course: _____ ( ) _____					
<b>Laboratory Science (8)</b>			<b>Computer Area (3)</b>		
Pick two courses (including lab) from the following:			Pick either CMPS 110 or 160, or take a challenge exam.		
CHEM 121, 151*, 152*                      GEOG 201			Course: _____ (3) _____		
GEO 101, 102, 201                              MVSC 240					
PHSC 101, 102, 115, 131, 171, 172      PHYS 151, 152, 171, 172			<b>Physical and Mental Well-Being Area (2)</b>		
*Chemistry 151 and 152 are required unless incl in minor			MVSC 100 Lifetime Wellness (1) _____		
Course: _____ (4) _____					
Course: _____ (4) _____					
<b>Social and Behavioral Sciences (6)</b>			Pick 1 hour from any of the following: MVSC 103, 104, 105, 106, 109, 112, 113, 118, 119, 121, 124, 125, 134, 135, 137, 138, 139, 140, 141, 143, 144, 151, 152, 153, 157		
Pick two courses from separate disciplines from the following:			Course: _____ (1) _____		
ANTH 201, 202                      ECON 200, 201, 202                      GEOG 202, 205			Other service: _____		
POLS 201                              PSY 102                              SOC 101, 102			(military, sports, police academy)		
Course: _____ (3) _____					
Course: _____ (3) _____					
<b>Humanities (3)</b>			<b>Student Success Seminar</b>		
Pick one of the following: ENGL 200, 201, 205, 225, 240, ENGL 265, 296, 297, 298, 299			ACAD 101 Student Success (3) _____		
Course: _____ (3) _____					
<b><u>BS Requirement (6)</u></b>			<b><u>BA Requirement (minimum of 3)</u></b>		
MATH 321 plus one CMPS course beyond Gen'l. Ed			Completion of one of the following: SPAN 202, SPAN 252, SPAN 214 or any upper level Spanish course.		
MATH 321 Statistics (3) _____			Course: _____ (3) _____		
Course: _____ (3) _____			Course: _____ (3) _____		

## Degree Plan - Botany Major

### BOTANY CORE REQUIREMENTS (37 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 111/113 Biol for Majors I (4)	_____	_____	BIOL 332/334 Vascular Plants (4)	_____	_____
BIOL 112/114 Biol for Majors I (4)	_____	_____	BIOL 351/353 Systemtc Botany (4)	_____	_____
BIOL 262/264 Genetics (4)	_____	_____	BIOL 360/362 Cell Biology (4)	_____	_____
BIOL 301/303 Ecology (4)	_____	_____	BIOL 422 Evolution (3)	_____	_____
BIOL 331/333 Non-Vasc Plants (4)	_____	_____	BIOL 486 Senior Project (2)	_____	_____

### GUIDED ELECTIVE COURSES (12 hours min. for BS/9 hours min. for BA)

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
BIOL 222/224 Dendrology (4)	_____	_____	BIOL 432 Biogeography (3)	_____	_____
BIOL 342 Compar. Physiology (3)	_____	_____	BIOL 465 Advanced Genetics (3)	_____	_____
BIOL 371/373 Microbiology (4)	_____	_____	BIOL 472 Readings in Science (3)	_____	_____

### MINOR DEGREE COURSES (18-24 hours Zoology or outside the Biology discipline)

Minor Degree Area: \_\_\_\_\_

<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: _____ ( )	_____	_____

### 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: _____ ( )	_____	_____
Course: _____ ( )	_____	_____	Course: _____ ( )	_____	_____

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

**Total Writing Intensive Course Hours (minimum of 12 required):** \_\_\_\_\_

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