Eastern New Mexico University
College of
2007-2009 Catalog

Date:		**Major:**	**Biology (Emphasis: Botany)**
Name:		**Minor (Required):**	
ID#:		**Degree:**	**Bachelor of Science**

BACHELOR'S DEGREE REQUIREMENTS (7 Hrs)	**Course#**	**Credits**	**Semester Enrolled**	**Grade**
Includes:				
HPE 142 Fund of Physical W (required)	**HPE 142**	1		
IS 151 or successful completion of ENMU computer technology asses	**IS 151**	3		
UNIV 101 Freshman Seminar	**UNIV 101**	3		

GENERAL EDUCATION REQUIREMENTS (41 Hrs)	**Course#**	**Credits**	**Semester Enrolled**	
1. Communicating Effectively: 9 hours				
ENG 102 or 108 **(requires grades of "C" or better)**		3		
ENG 104 or 109		3		
COMM 101/L, 102, or 202		3		
2. Understanding and Applying Mathematical Principles: 3 hours				
MATH 113, 114, 119, 120, 124 or STAT 213		3		
3. Science with labs: 8 hours				
Life Science: BIOL	**BIOL 151/L**	4		
Physical Science: ANTH 245/L, CHEM, GEOL, PHYS	**CHEM 151/L**	4		
Note: must select one from life science and one from physical science.)				
4. Social Science: 6-9 hours				
Note: total number of hours from categories 4 and 5 combined must be 15.				
Courses must be taken from two different disciplines.				
ANTH/GEOG 103, 233, 243		3		
BUS 151		3		
ECON 200, 221, 222		3		
FCS/ELED 221				
PSCI 101, 102				
PSY 101, 201, 202				
SOC 101, 212, 215				
5. Humanities and Fine Arts: 6-9 hours				
Courses must come from different disciplines and must include a minimum of 3 hours from category a and 3 hours from category b.				
Note: Total number of hours from categories 4 and 5 combined must be 15.				
a. Fine Arts				
ART 101, 106, 131, 165, 166, 210, 231, 271		3		
DNC 101, 102, 108, 210		3		
MUS 101, 113, 151, 163, music ensembles		3		
THTR 111, 121				
b. Humanities				
HIST 101, 102, 121, 122, 203				
ENG 201, 211, 221, 222, 251, 252, 275				
FR 101, 102, 201, 202; HUM 221, 222				
PHIL 201, 202, 211; REL 101, 103				
SPAN 101, 102, 201, 202				
6. Advisory Options: 4 hours				
CS 114, IS 151, HPE 142, HPE activity courses		3		
Any courses from Category 2 above				
Any courses from Category 5 above				
7. Upper-division -- Diversity/Global: 3 hours				
AG 312; ANTH 310, 333, 340; BUS 302, 310; CJ 310; COMM 310, 330, 331; ENG 319, 378, 379; FCS 310, 403; HIST 305; HPE 321; MUS 375; NURS 312; PSCI 330; SOC 302		3		

Biology Core Course Requirements: 22 Hours

BIOL 151/L General Biology I		4		
BIOL 152/L General Biology II		4		
BIOL 214/L Microbiology		4		
BIOL 222 Intro Cell Biology		3		
BIOL 231 Genetics		3		
BIOL 303 General Ecology		3		
BIOL 492 Undergraduate Seminar		1		

Botany Emphasis Course Requirements: 18-23 Hours

BIOL 216 General Botany		3		
BIOL 303L General Ecology Lab		1		
BIOL 305 Evolution and Systematics		3		
BIOL 410/L Plant Physiological Ecology		4		
BIOL 415/L Plant Physiological Ecology		4		
BIOL 420/L Plant Structure and Function		4		
Plus one course from:				
BIOL 301/L, 307/L, 341/L,411L,418,430/L,431/L,436/L,or 442/L		3 or4		

Elective Course Requirements: 8 Hours (300/400 level) BIOLOGY

		4		
		4		

Required courses in other areas: 12-16 Hours

CHEM 151/l Gen Chem I		4		
CHEM 152/L Gen Chem II		4		
PHYS 151/L General Physics		4		

Select one of the following:

CHEM 251/L Integrated Organice & Biochemistry **OR**				
CHEM 341/L Organic Chemistry I		4		

Note: The Biology faculty strongly recommends that pre-medical students also take CHEM 342/L (4), CHEM 401 (1), and CHEM 452 (3).

CHEM 342/L		4		
CHEM 401		1		
CHEM 452		3		

Minor (Required):

						Final Check
Date:						
Hours Completed:						
Hours In Progress:						
U/D Hours Completed:						
U/D Hours In Progress:						
GPA:						

All course requirements in the major and minor must have a grade of "C" or better. All acceptable transfer work from a junior or community college will be recorded as lower division credit.

	Dr. Marvin Lutnesky, RH 212, 562-2753
Student Signature	*Advisor Signature*
Dean's Office Signature	*Official Degree Plan Filing Date*