

Eastern New Mexico University
College of Liberal Arts and Sciences
2007-2009 Catalog

Date: _____	Major: <u>Biology (Emphasis: Botany)</u>
Name: _____	Minor (Required): _____
ID#: _____	Degree: <u>Bachelor of Science</u>

BACHELOR'S DEGREE REQUIREMENTS (7 Hrs)	Course#	Credits	Semester Enrolled	Grade
--	---------	---------	-------------------	-------

Includes:				
HPE 142 Fund of Physical V (required)	<u>HPE 142</u>	1	_____	_____
IS 151 or successful completion of ENMU computer technology asses	<u>IS 151</u>	3	_____	_____
UNIV 101 Freshman Seminar	<u>UNIV 101</u>	3	_____	_____

GENERAL EDUCATION REQUIREMENTS (41 Hrs)	Course#	Credits	Semester Enrolled	Grade
---	---------	---------	-------------------	-------

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	<u>BIOL 151/L</u>	4	_____	_____
Physical Science: ANTH 245/L, CHEM, GEOL, PHYS	<u>CHEM 151/L</u>	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;	_____	3	_____	_____
ENG 319, 378, 379; FCS 310, 403; HIST 305; HPE 321; MUS 375; NURS 312;				
PSCI 330; SOC 302				

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	_____	_____

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/I 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):

Date:	_____	_____	_____	_____	_____	Final Check
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.

_____ <i>Student Signature</i>	_____ Dr. Marvin Lutnesky, RH 212, 562-2753 <i>Advisor Signature</i>
_____ <i>Dean's Office Signature</i>	_____ <i>Official Degree Plan Filing Date</i>