

**Eastern New Mexico University  
College of Liberal Arts & Sciences  
2005-2007 Catalog**

<b>Date:</b> _____	<b>Major:</b> <u>Biology (Pre-Medical)</u>
<b>Name:</b> _____	<b>Minor:</b> _____
<b>ID #:</b> _____	<b>Degree:</b> <u>Bachelor of Science</u>

BACHELOR'S DEGREE REQUIREMENTS	Course#	Credits	Semester Enrolled	Grade
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**Includes:**  
 UNIV 101 Freshman Seminar UNIV 101      3  
**128 total hours which must include 40 upper division hours (300-400 level)**

GENERAL EDUCATION REQUIREMENTS: 49-50 HOURS	Course#	Credits	Semester Enrolled	Grade
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**Communicating Effectively: 12 hours**  
 ENG 102 or 108 ("C" or better required)      3  
 ENG 104 or 109 ("C" or better required)      3  
 COMM 101/101L or 102 3  
 CIS 151 or CS 114 3

**Mathematics: 6-7 hours**  
**Option A:** 6-7 hours TWO from MATH 107,113,114,119,120, or STAT 213 3  
**Option B:** 3-4 hours ONE from MATH 124 or any class with a 124 prerequisite 3 or 4

**Wellness: 2 hours**  
 HPE 142 Fundamental of Physical Well-Being (required)      HPE 142      1  
 HPE Activity Course 1

**Science with Laboratories: 8 hours**  
 BIOL 151/L General Biology I (required)      BIOL 151/L      4  
 CHEM 151/L General Chemistry I (required)      CHEM 151/L      4

**Appreciating the Arts: 6 hours**  
 Any TWO from different areas:  
 ART 101, 106, 131, 165, 166, 210, 231, 271  
 DNC 101, 102, 108, 210  
 MUS 101,113, 151, 163, Music Ensembles 3  
 THTR 111, 121, 222 3

**Social Sciences: 6 hours**  
 Any TWO from different areas:  
 ANTH/GEOG 103; 233, ANTH 243  
 BUS 151  
 ECON 221, 222  
 FCS/ELED 221  
 PSCI 101, 102, PSY 101, 134, 201, 202 3  
 SOC101,212,215 3

**Humanities: 6 hours**  
 Any TWO from different areas:  
 ENG 201, 211, 221, 222, 251,252,275  
 FR 101, 102, 201, 202  
 HIST 101, 102, 121, 122, 203  
 HUM 221, 222; PHIL 201, 202, 211 3  
 REL 101, 103; SPAN 101, 102, 201, 202 3

**Upper Division - Diversity / Global: 3 hours:**  
 AG 312;ANTH 310,333,340;BUS 302,310;CJ310;  
 COMM 310,330,331 DNC 394;ENG 319,378,379;  
 FCS310;HPE321;MUS 375;NURS 312;PSCI 330;SOC 302 3

<b>Date:</b> _____	<b>Final Check</b>
<b>Hours Completed:</b> _____	
<b>Hours In Progress:</b> _____	
<b>U/D Hours Completed:</b> _____	
<b>U/D Hours In Progress:</b> _____	
<b>GPA:</b> _____	

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.

**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: 19 Hours**

**Pre-Medical**

Biol 209/L Anatomy and Physiology I	_____	4	_____	_____
Biol 210/L Anatomy and Physiology II	_____	4	_____	_____
Biol 380 Endocrinology	_____	3	_____	_____
Biol 421/L Principles of Immunology <b>OR</b>				
Biol 422 Medical Microbiology	_____	4	_____	_____
Biol 424/L Advanced Human Physiology	_____	4	_____	_____

**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 <b>OR</b>				
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:**

_____ <i>Student Signature</i>	_____ <i>Advisor Signature</i>
_____ <i>Dean's Office Signature</i>	_____ <i>Official Degree Plan Filing Date</i>