

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

<b>Date:</b> _____	<b>Major:</b> <u>Biochemistry</u>
<b>Name:</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	_____	_____
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**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, 251, or CS 114		3	_____	_____

**Mathematics: 3-7 hours**

**Option A:** 6-7 hours TWO from MATH 107, 113, 114, 119, 120, or Stat 213

**Option B:** 3-4 hours ONE from MATH 124 or any class with a 124 prerequisite

		3	_____	_____
		3 or 4	_____	_____

**Wellness: 2 hours**

HPE 142 Fundamentals 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.

**Chemistry Core Requirements ( 25 hours)**

CHEM 151/I General Chemistry I	_____	4	_____	_____
CHEM 152/L General Chemistry II	_____	4	_____	_____
CHEM 233/L Quantitative Analysis	_____	4	_____	_____
CHEM 321/L Inorganic Chemistry	_____	4	_____	_____
CHEM 341/L Organic Chemistry I	_____	4	_____	_____
CHEM 342/L Organic Chemistry II	_____	4	_____	_____
CHEM 492 Undergraduate Seminar	_____	1	_____	_____

**Biochemistry Major Requirements (21-23 hours)**

CHEM 401/L Biochemical Methods	_____	2	_____	_____
CHEM/PHYS 411/L Physical Chemistry I/Thermodynamics	_____	4	_____	_____
CHEM 450 Instrumental Analysis	_____	4	_____	_____
CHEM 452 Biochemistry	_____	3	_____	_____
CHEM 453 Advanced Biochemistry	_____	3	_____	_____
CHEM 470 Investigative Problems (must take at least 3 hours)	_____	3	_____	_____
CHEM 493 Special Topics (1-3 hours)	_____		_____	_____
CHEM 495 Senior Chemistry Review	_____	1	_____	_____

**Required courses in related areas (30 hours)**

BIOL 151/L General Biology I	_____	4	_____	_____
BIOL 152/L General Biology II	_____	4	_____	_____
MATH 124 Calculus I	_____	4	_____	_____
MATH 132 Calculus II	_____	4	_____	_____
PHYS 151/L General Physics <b>AND</b>				
PHYS 152/L General Physics <b>OR</b>				
PHYS 201/L Physics I <b>AND</b>	_____	4	_____	_____
PHYS 202/I Physics II	_____	4	_____	_____
6 hours from BIOL 214/L, BIOL 222, BIOL 231				
_____	_____	3 to 4	_____	_____
_____	_____	3	_____	_____

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