

**Eastern New Mexico University  
College of Liberal Arts & Sciences  
2009-2011 Catalog**

updated by \_\_\_  
date \_\_\_

<b>Date:</b> _____	<b>Major:</b> <u>Biology Secondary</u>
<b>Name:</b> _____	<b>*Minor:</b> <u>Teaching of Natural Science</u>
<b>ID #:</b> _____	<b>Degree:</b> <u>Bachelor of Science</u>
<b>*This minor is required for this major</b>	

BACHELOR'S DEGREE REQUIREMENTS	Course #	Credits	Semester Enrolled
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**Includes:**

UNIV 101 Freshman Seminar	<u>UNIV 101</u>	3	_____
IS 151 Basic Computer Skills	<u>IS 151</u>	3	_____
HPE 142 Fundamentals of Physical Well-Being	<u>HPE 142</u>	1	_____

*Completion of 128 total hours, at least 40 of which must be upper division hours (300-400 level).*

*Students pursuing TEP must maintain a 2.80 overall GPA.*

*Students enroll in EDF 222/L at completion of 40th credit hour (excluding developmental)*

GENERAL EDUCATION REQUIREMENTS: 49-50 HOURS	Course #	Credits	Semester Enrolled
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<b>English: 12 hours</b>			
ENG 102 or 108 ("C" or better required)	_____	3	_____
ENG 104 or 109 ("C" or better required)	_____	3	_____
COMM 101, 102 or 202	_____	3	_____
Any ONE from:			
ENG 201, 211, 221, 222	_____	3	_____
<b>History: 12 hours</b>			
HIST 101 or 102 Survey American History	_____	3	_____
HIST 121 or 122 Survey Western Civilization	_____	3	_____
HIST 203 New Mexico	_____	3	_____
HIST 101, 102, 121, or 122	_____	3	_____
<b>Mathematics: 6-7 hours</b>			
MATH 119 College Algebra	_____	3	_____
STAT 213 Statical Methods	_____	4	_____
<b>Government, Economics, Sociology: 6 hours</b>			
PSY 202 Adolescent Psychology	_____	3	_____
Any ONE from:			
ANTH 123, 233, 243; ECON 221, 222; GEOG 233;			
PSCI 101, 102; SOC 101, 212, 215	_____	3	_____
<b>Science: 12 hours</b>			
Life Science	_____	4	_____
Physical Science	_____	4	_____
Life Science or Physical Science	_____	4	_____
<b>Fine Arts: 6 hours</b>			
Any TWO from:			
ART 101, 106, 131, 165, 166, 210, 231, 271;			
DNC 101, 210; MUS 101, 113, 113B, 113E, 163, 241, ensembles;			
THTR 111	_____	3	_____
<b>Note:</b> Two areas must be represented.	_____	3	_____
<b>Physical Education: 1 hour</b>			
Activity Elective	_____	1	_____

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.

**Teaching Field Block: 35-37 hours**

BIOL 151/L General Biology I	_____	4	_____
BIOL 152/L General Biology II	_____	4	_____
BIOL 209/L Anatomy & Physiology I	_____	4	_____
BIOL 210/L Anatomy & Phys II	_____	4	_____
BIOL 214/L Microbiology	_____	4	_____
BIOL 231 Genetics	_____	3	_____
<b>Molecular Biol:</b> BIOL 409 or 425/L	_____	4	_____
<b>Morphology &amp; Physiology:</b> BIOL 307L,415/Lor420/L	_____	4	_____
<b>Organismic:</b> BIOL 214/L, 216, 301/L, 431/L,436/Lor422/L	_____	4	_____
<b>Ecology:</b> BIOL 110,303/L,305,415/Lor430/L	_____	3 to 4	_____

**Subject Matter Endorsement Area Minor: Teaching of Natural Science**

**Teaching Requirements (10 hours)**

BIOL 439 Teaching in Biology	<u>BIOL 439</u>	1	_____
CHEM 439 Teaching in Chemistry	<u>CHEM 439</u>	1	_____
GEOL 439 Teaching in Geology	<u>GEOL 439</u>	1	_____
PHYS 439 Teaching in Physics	<u>PHYS 439</u>	1	_____
SED 380 Secondary School Teaching/Learning	<u>SED 380</u>	3	_____
SED 410 Issues in Secondary Teaching	<u>SED 410</u>	3	_____

**Additional Science Courses (12 hours)**

CHEM 151/L General Chemistry I	<u>CHEM 151/L</u>	4	_____
CHEM 152/L General Chemistry II	<u>CHEM 152/L</u>	4	_____
PHYS 152/L General Physics	<u>PHYS 152/L</u>	4	_____

**Required Courses in Other Areas: 19 hours**

GEOL 151/L Physical Geology	<u>GEOL 151/L</u>	4	_____
GEOL 152/L Historical Geology	<u>GEOL 152/L</u>	4	_____
PHYS 151/L General Physics	<u>PHYS 151/L</u>	4	_____
MATH 119 College Algebra	<u>MATH 119</u>	3	_____
STAT 213 Statistical Methods I	<u>STAT 213</u>	4	_____

**Professional Education Requirements: 33 hours**

BLED 350 Cultural and Linguistic Pluralism	_____	3	_____
EDF 222 Structured Observation of Teaching	_____	3	_____
EDF 301 Found of Schooling	_____	3	_____
RED 495 Content Area Literacy	_____	3	_____
SED 380 Secondary School Teaching and Learning	_____	3	_____
SED 410 Issues in Secondary Teaching	_____	3	_____
SED 450 Seminar in Student Teaching	_____	2	_____
SED 460 Secondary Student Teaching	_____	10	_____
SPED 305 Student with Disabilities in Regular Classroom	_____	3	_____

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