

Eastern New Mexico University
College of Liberal Arts & Sciences
2009-2011 Catalog
Degree Plan Checklist

Updated _____
by _____

Date: _____	Major: Chemistry Secondary Certification
Name: _____	Minor: Teaching Natural Science
ID#: _____	Degree: Bachelor of Science

BACHELOR'S DEGREE REQUIREMENTS		Course	Credits	Semester	Grade
UNIV 101	Freshman Seminar	UNIV 101	3	_____	_____
IS 151	Basic Computer Skills	IS 151	3	_____	_____
HPE 142	Fundamentals of Physical Well-Being	HPE 142	1	_____	_____
<i>Completion of 128 total hours, at least 40 of which must be upper division hours (300-400 level).</i>					
<i>Students pursuing TEP must maintain a 2.80 overall GPA.</i>					
<i>Students enroll in EDF 222/L at completion of 40th credit hour (excluding developmental coursework)</i>					

GENERAL EDUCATION REQUIREMENTS		Course	Credits	Semester	Grade
English: 12 hours					
	ENG 102 or 108	_____	3	_____	_____
	ENG 104 or 109	_____	3	_____	_____
	COMM 101, 102 or 202 (COMM 202 is recommended for ELED majors)	_____	3	_____	_____
	Any ONE from:				
	*ENG 201, 211, 221, 222	_____	3	_____	_____
	* BLED/ELED majors may take ENG 376				
History: 12 hours					
	HIST 101 or 102	_____	3	_____	_____
	HIST 121 or 122	_____	3	_____	_____
	HIST 203	_____	3	_____	_____
	one from HIST 101,102, 121, or 122; HUM 221 or 222	_____	3	_____	_____
Mathematics: 6-9 hours					
Two from:	MATH 113;119; 261*; 262**;345**; STAT 213	_____	3	_____	_____
	* required for SPED: MATH 261 and MATH 113, 119 or STAT 213	_____	3	_____	_____
	** required for ELED: MATH 261;262; 345	_____	3	_____	_____
Government, Economics, Sociology: 6 hours					
	PSY 201 (ELED) or 202 (Secondary) required	_____	3	_____	_____
	Any ONE (1) from:				
	ANTH 123, 233, 243;ECON 221, 222; GEOG 233;	_____	3	_____	_____
	PSCI 101, 102; SOC 101, 212, 215	_____	3	_____	_____
Science: 12 hours (laboratory required)					
	Life Science	_____	4	_____	_____
	Physical Science (Chemistry / Geology / Physics)	_____	4	_____	_____
	Life or Physical Science	_____	4	_____	_____
Fine Arts: 6 hours					
	TWO (2) classes from different disciplines				
	ART 101;106;131;165;166;210;231;271	_____	3	_____	_____
	DNC 101;210	_____	3	_____	_____
	MUS 101; 113; 163; 241; or Music Ensembles	_____	3	_____	_____
	THTR 111	_____	3	_____	_____
Physical Education: 1 hour					
	Activity Elective	_____	1	_____	_____

	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. Developmental hours are not eligible for degree credit.

Chemistry Course Requirements: 30 Hours

*CHEM 151/I General Chemistry I	<u>CHEM 151/L</u>	4	_____	_____
*CHEM 152/L General Chemistry II	<u>CHEM 152/L</u>	4	_____	_____
CHEM 233/L Quantitative Analysis	<u>CHEM 233/L</u>	4	_____	_____
CHEM 321/L Inorganic Chemistry	<u>CHEM 321/L</u>	4	_____	_____
CHEM 341/L Organic Chemistry I	<u>CHEM 341/L</u>	4	_____	_____
CHEM 342/L Organic Chemistry II	<u>CHM 342/L</u>	4	_____	_____
CHEM 450/L Instrumental Analysis	<u>CHEM 450/L</u>	4	_____	_____
CHEM 492 Undergraduate Seminar	<u>CHEM 492</u>	1	_____	_____
CHEM 495 Senior Chemistry Review	<u>CHEM 495</u>	1	_____	_____

** may meet general education requirement for science, but does not count twice for graduation credit.*

Chemistry, Secondary Science Additional requirements:

CHEM 452 Biochemistry	<u>CHEM 452</u>	3	_____	_____
One of the following: CHEM 401/L, CHEM 411/L, or CHEM 412	_____		_____	_____

Teaching of Natural Science Minor/Endorsement - 26 Hours

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

Additional Science Classes - 15 Hours

* BIOL 151/L General Biology I	<u>BIOL 151/L</u>	4	_____	_____
* PHYS 151/L General Physics	<u>PHYS 151/L</u>	4	_____	_____
* PHYS 152/L General Physics	<u>PHYS 152/L</u>	4	_____	_____
BIOL 214/L Microbiology	<u>BIOL 214/L</u>	4	_____	_____

** may meet general education requirement for science, but does not count twice for graduation credit.*

Secondary Education Professional Education Requirements.

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

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