

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

Date: _____	Major: <u>Physics (Application Prep)</u>
Name: _____	Minor: _____
ID #: _____	Degree: <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			
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: 3-7 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		4		

Wellness: 2 hours

HPE 142 Fundamentals of Physical Well-Being (required)	HPE 142	1		
HPE Activity Course		1		

Science with Laboratories: 8 hours

Life Science (Biology)		4		
Physical Science (ANTH 245/245L, Chemistry, Geology, Physics)		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;COMM 330;DNC 394				
ENG 319,378;FCS 310; HPE 321;PSCI 330;SOC302		3		

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.

Physics Course Requirements: 16-18 hours

PHYS 151/L General Physics 4 and	_____	4	_____	_____
PHYS 152/L General Physics or	_____	4	_____	_____
PHYS 201/L Physics I and	_____	5	_____	_____
PHYS 202/L Physics II (preferably 201/202 sequence)	_____	5	_____	_____
PHYS 301 Modern Physics	_____	3	_____	_____
PHYS 303 Mechanics I	_____	3	_____	_____
PHYS 305L Advanced Physics Laboratory	_____	2	_____	_____
Plus: 19-24 hours Physics				
PHYS 304 Mechanics II	_____	3	_____	_____
PHYS 331/L Optics	_____	4	_____	_____
PHYS 411 Physical Chemistry I/Thermodynamics	_____	3	_____	_____
PHYS 465 Senior Research Report	_____	2	_____	_____
300/400 level PHYS electives(3-5 hours)	_____		_____	_____
_____	_____		_____	_____
_____	_____		_____	_____

Required courses in related areas: 18 Hours

MATH 124 Calculus I	_____	4	_____	_____
MATH 132 Calculus II	_____	4	_____	_____
MATH 202 Calculus III	_____	4	_____	_____
One programming course-3 hours	_____		_____	_____
_____	_____	3	_____	_____
EET 241/L Logic Circuits	_____	3	_____	_____

Electives(24-27 hours)

The following elective courses are recommended:
 ENG 325 Professional and Technical Writing(3 hours)
 MATH, CHEM, or BUS courses, also.

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

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