

**Eastern New Mexico University
College of Liberal Arts & Sciences
2007-2009 Catalog**

Date: _____	Major: <u>Computer Science</u>
Name: _____	Minor: <u>(required)</u>
ID#: _____	Degree: <u>Bachelor of Science</u>

BACHELOR'S DEGREE REQUIREMENTS (7 Hrs)	Course#	Credits	Semester Enrolled	Grade
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Includes:

HPE 142 Fund of Physical Well-Bei (required)	<u>HPE 142</u>	1	_____	_____
IS 151 or successful completion of ENMU computer technology assessment	<u>IS 151</u>	3	_____	_____
UNIV 101 Freshman Seminar	<u>UNIV 101</u>	3	_____	_____

GENERAL EDUCATION REQUIREMENTS (41 Hrs)	Course#	Credits	Semester Enrolled	Grade
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1. Communicating Effectively: 9 hours

ENG 102 or 108 (requires grades of "C" or better)	_____	3	_____	_____
ENG 104 or 109 (requires grades of "C" or better)	_____	3	_____	_____
COMM 101/L, 102, or 202	_____	3	_____	_____

2. Understanding and Applying Mathematical Principles: 3 hours

Selected from MATH 113, 114, 119, 120, 124 or STAT 213 (required)	<u>MATH 124</u>	3	_____	_____
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3. Science with labs: 8 hours

Life Science: BIOL	_____	4	_____	_____
Physical Science: ANTH 245/L, CHEM, GEOL, PHYS	_____	4	_____	_____

4. Social Science: 6-9 hours

Note: total number of hours from categories 4 and 5 combined must be 15.
Courses must be taken from two different disciplines.

ANTH/GEOG 103, 233, 243	_____	3	_____	_____
BUS 151	_____	3	_____	_____
ECON 200, 221, 222	_____	3	_____	_____
FCS/ELED 221	_____		_____	_____
PSCI 101, 102	_____		_____	_____
PSY 101, 201, 202	_____		_____	_____
SOC 101, 212, 215	_____		_____	_____

5. Humanities and Fine Arts: 6-9 hours

Courses must come from different disciplines and must include a minimum of 3 hours from category a and 3 hours from category b.
Note: Total number of hours from categories 4 and 5 combined must be 15.

a. Fine Arts

ART 101, 106, 131, 165, 166, 210, 231, 271	_____	3	_____	_____
DNC 101, 102, 108, 210	_____	3	_____	_____
MUS 101, 113, 151, 163, music ensembles	_____	3	_____	_____
THTR 111, 121	_____		_____	_____

b. Humanities

HIST 101, 102, 121, 122, 203	_____		_____	_____
ENG 201, 211, 221, 222, 251, 252, 275	_____		_____	_____
FR 101, 102, 201, 202	_____		_____	_____
HUM 221, 222	_____		_____	_____
PHIL 201, 202, 211	_____		_____	_____
REL 101, 103	_____		_____	_____
SPAN 101, 102, 201, 202	_____		_____	_____

6. Advisory Options: 4 hours

CS 114, IS 151, HPE 142, HPE activity courses	_____	4	_____	_____
Any courses from Category 2 above	_____		_____	_____
Any courses from Category 5 above	_____		_____	_____

7. Upper-division -- Diversity/Global: 3 hours

AG 312; ANTH 310, 333, 340; BUS 302, 310; CJ 310; COMM 310, 330, 331; ENG 319, 378, 379; FCS 310, 403; HIST 305; HPE 321; MUS 375; NURS 312; PSCI 330; SOC 302	_____	3	_____	_____
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Major: Computer Science 42 hours

CS 121 Computing Concepts	<u>CS 121</u>	3	<u> </u>	<u> </u>
CS 123 Programming Fundamentals	<u>CS 123</u>	3	<u> </u>	<u> </u>
CS 220 Mathematical Foundations of Computer Science I	<u>CS 220</u>	3	<u> </u>	<u> </u>
CS 234 Intermediate Programming	<u>CS 234</u>	3	<u> </u>	<u> </u>
CS 301 Programming Language Concepts	<u>CS 301</u>	3	<u> </u>	<u> </u>
CS/EET 340 Microprocessors & Assembly Programming	<u>CS/EET 340</u>	3	<u> </u>	<u> </u>
CS 357 Data Structures	<u>CS 357</u>	3	<u> </u>	<u> </u>
CS 360 Object Oriented Development	<u>CS 360</u>	3	<u> </u>	<u> </u>
IS 420 Systems Development	<u>CIS 420</u>	3	<u> </u>	<u> </u>
CS 451 Design and Analysis of Algorithms	<u>CS 451</u>	3	<u> </u>	<u> </u>
CS 461 Operating Systems	<u>CS 461</u>	3	<u> </u>	<u> </u>
9 hrs from CS 342, 457, 462; CS/MATH 409, 410; MATH 420,422; EET 241/L,472/L				
		3	<u> </u>	<u> </u>
		3	<u> </u>	<u> </u>
		3	<u> </u>	<u> </u>

Required Courses in Related Areas(14-15 hours)

ENG 325 Professional & Technical Writing	<u>ENG 325</u>	3	<u> </u>	<u> </u>
STAT 213 Statistical Methods I	<u>STAT 213</u>	4	<u> </u>	<u> </u>
MATH 132 Calculus II	<u>MATH 132</u>	4	<u> </u>	<u> </u>
MATH or STAT course, excluding MATH 317, 361, 429 (upper-division required)		3 or 4	<u> </u>	<u> </u>

						Final Check						
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Hours Completed:												
Hours In Progress:												
U/D Hours Completed:												
U/D Hours In progress:												
GPA:												

All course requirements in the primary and secondary 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.

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