



Eastern New Mexico University
College of Liberal Arts & Sciences
2019-2021 Catalog

Date:	Major:	Computer Science
Name:	Minor:	Optional
ID#:	Degree:	Bachelor of Science

This degree plan is a guideline only. Consult with an adviser before enrolling in courses. For more detailed information on coursework and degree requirements, refer to the catalog and consult with an adviser.

Note: The B.S. degree requires a minimum 40 hours of upper-division courses. Developmental and vocational/technical courses will not be counted toward graduation requirements.

BACHELOR'S DEGREE REQUIREMENTS (6 hours)	Course	Credits	Semester	Grade
FYEX 110 First-Year Seminar	_____	3	_____	_____
Diversity/Global Upper-Division	_____	3	_____	_____

GENERAL EDUCATION Requirements (31-33 hours)

REQUIREMENTS IN Computer Science (33 hours)	Course	Credits	Semester	Grade
CS 102 Computer Science Orientation	_____	1	_____	_____
CS 120 Intro to Computer Programming	_____	3	_____	_____
CS 123 Computer Science I	_____	3	_____	_____
CS 220 Discrete Mathematics for Computer Science	_____	3	_____	_____
CS 234 Computer Science II	_____	4	_____	_____
CS 301 Programming Language Concepts	_____	3	_____	_____
CS 357 Data Structures	_____	3	_____	_____
CS 359 Database Design and Programming	_____	3	_____	_____
CS 451 Design and Analysis of Algorithms	_____	3	_____	_____
CS 461 Operating Systems	_____	3	_____	_____
CS 472 Software Engineering	_____	3	_____	_____

REQUIREMENTS IN Other Areas (20-21 hours)	Course	Credits	Semester	Grade
EET 241 Logic Circuits	_____	3	_____	_____
EET 340 Intro Computer Organizations/Architecture	_____	3	_____	_____
ENGL 305 Report Writing	_____	3	_____	_____
MATH 1510 Calculus I	_____	4	_____	_____
MATH 1520 Calculus II	_____	4	_____	_____
1 course from the following (3-4 hours):				
MATH 1350, STAT 213, 313, 403 or 417	_____		_____	_____

ELECTIVES As needed to fulfill requirement of 120 total credit hours.