Major:	**Computer Science**		**Minor:**	**Not required**
Emphasis:	**N/A**		**Degree:**	**Bachelor of Science (B.S.)**

This degree plan is a guide 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.

All course requirements in the major 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.

Note: All Bachelor degrees at ENMU require 120 minimum total credit hours including 40 upper-division (300-/400-level) hours. B.A. candidates must satisfy the language requirement (6-14 hours). Developmental and vocational/technical courses will not be counted toward graduation requirements.

BACHELOR'S DEGREE REQUIREMENTS (6 hours)
> FYEX 1110 First-Year Seminar
> Diversity/Global Upper-Division

GENERAL EDUCATION REQUIREMENTS (non-teaching) (31-33 hours)

REQUIREMENTS in Computer Science (48 hours)
> CS 102 Computer Science Orientation
> CS 120 Introduction to Computer Programming
> CS/EET 122 Programming Fundamentals with C/C++
> CS 123 Computer Science I
> CS 220 Discrete Mathematics for Computer Science
> CS 234 Computer Science II
> CS 301 Programming Language Concepts
> CS 334 Web Application & Development
> CS 357 Data Structures
> CS 359 Database Design & Programming
> CS 440 Computer Networks
> CS 451 Design & Analysis of Algorithms
> CS 458 Mobile Application Development
> CS 460 Introduction to Applied Machine Learning
> CS 461 Operating Systems
> CS 472 Software Engineering

REQUIREMENTS in other areas (20-21 hours)
> BCIS 301 Information Systems for Managers
> EET 340 Introduction to Computer Organization / Architecture
> ENGL 305 Report Writing
> MATH 1510 Calculus I
> MATH 1520 Calculus II

Choose one of the following:
> MATH 1350 Introduction to Statistics
> STAT 313 Statistical Methods II
> STAT 403 Probability & Mathematical Statistics
> STAT 400 Data Science

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