



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

Date:	Major:	Industrial Mathematics and Statistics
Name:	Minor:	Optional
ID#:	Degree:	Bachelor of Arts or 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. 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 Math (62 hours)	Course	Credits	Semester	Grade
CS 120 Intro to Computer Programming OR		3		
CS 123 Computer Science I		4		
CS 220 Discrete Mathematics for Computer Science		3		
CS 234 Computer Science II		4		
CS 357 Data Structures		3		
ENGL 305 Report Writing		3		
MATH 1510 Calculus I		4		
MATH 1520 Calculus II		4		
MATH 2530 Calculus III		4		
MATH 340 Foundations of Higher Mathematics		3		
MATH 351 Ordinary Differential Equations		4		
MATH 352 Intro to Linear Algebra		4		
MATH 418 Decision Theory and Prescriptive Analytics		3		
MATH 1350 Intro to Statistics		4		
STAT 313 Statistical Methods II		3		
STAT 403 Probability and Mathematical Statistics		3		
STAT 417 Operations Research		3		
STAT 400 Data Science		3		

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