Eastern New Mexico University
College of Liberal Arts and Sciences
2017-2019 Catalog
Degree Plan Checklist

Date:		Major:	Industrial Mathematics and Statistics
Name:		Minor:	(Optional)
ID#:		Degree:	

BACHELOR'S DEGREE REQUIREMENTS	Course	Credits	Semester	Grade
Mathematics Composite Course Requirements (59 hours)				
CS 120 Introduction to Computer Programming	**CS 120**	**3**		
CS 123 Programming Fundamentals	CS 123	4		
CS 220 Discrete Mathematics for Computer Science	CS 220	3		
CS 234 Intermediate Programming	CS 234	4		
CS 357 Data Structures	CS 357	3		
ENG 305 Report Writing	ENG 305	3		
MATH 124 Calculus I	MATH 124	4		
MATH 132 Calculus II	MATH 132	4		
MATH 202 Calculus III	MATH 202	4		
MATH 340 Foundations of Higher Mathematics	MATH 340	3		
MATH 351 Ordinary Differential Equations	MATH 351	4		
MATH 352 Introduction to Linear Algebra	MATH 352	4		
MATH 418 Decision Theory and Prescriptive Analytics	MATH 418	3		
STAT 213 Statistical Methods I	STAT 213	4		
STAT 313 Statistical Methods II	STAT 313	3		
STAT 403 Probability and Mathematical Statistics	STAT 403	3		
STAT 400 Data Science	STAT 400	3		
STAT 417 Operations Research	STAT 417	3		
Minor not required				

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

All course requirements in the emphasis 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. Developmental and vocational/technical hours are not eligible for degree credit. Must complete 40 hours of upper division courses.