

MATHEMATICS MAJOR [B.S.]
 DATA SCIENCE CONCENTRATION
 2019-2020 CATALOG



Name: _____

Student ID: _____

Class Year: _____

Email: _____

Advisor: _____

Phone: _____

Term Declared: _____

19 courses: 60-62 credits

Dept	Number	Credits	Course Title	Cr Earned	Term Completed	Grade	Quality Points
MATH	241	6	Calculus I				
MATH	242	4	Calculus II				
MATH	246	2	Laboratories for Mathematical Experimentation				
STAT	251	4	Statistical Methods				
MATH	255	4	Methods of Matrices and Linear Algebra				
MATH	310	4	A Transition to Advanced Mathematics				
MATH	316	4	Several-Variable Calculus				
One 300-level MATH course in algebra							
		2					
One 300-level MATH course in analysis							
		2					
Two 300-level courses in MATH, STAT, or CMPS							
		2					
		2					
CMPS	335	2	Data Mining Techniques				
CMPS	160	4	Introduction to Computer Science				
CMPS	217	4	Data Structures				
CMPS	245	4	Data Science and Visualization				
One course with laboratory from: BIOL, CHEM, or PHYS							
		4					
		2					
MATH	471	2	Mathematics Seminar				
MATH 472 or MATH 480 (2 and Short Term) or MATH 490 (2,2)							
MATH		2					
MATH							
				Total Credits		Total Points	
						Major GPA	

Additional courses taken in MATH

				Total Credits		Total Points	
						Major GPA	