

Applied Mathematics & Statistics (AMS) Major Checklist

Name: _____

ID#: _____

Total Credits: _____

AMS Core

Course ID	Course Title	Taken?	Credits
MATH 111	Calculus I		
MATH 112	Calculus II		
MATH 211	Multivariate Calculus		
MATH 212	Differential Equations		
MATH 221 / 321	Linear Algebra <u>or</u> Abstract Vector Spaces		
MATH 250	Foundations of Mathematics		
MATH 315	Numerical Analysis		
MATH 361	Mathematical Statistics I		
MATH 362	Mathematical Statistics II		
CS / MATH 170	Intro to Computer Science <u>or</u> Intro to Scientific Computing		
DATASCI 110	Introduction to Scientific Methods		
DATASCI 150	Intro to Statistical Computing I		
DATASCI 151	Intro to Statistical Computing II		
DATASCI 220	Regression Analysis		

MATH Electives

Course ID	Course Title	Taken?	Credits
CS/MATH			
MATH			
MATH			

DATASCI Electives

Course ID	Course Title	Taken?	Credits
DATASCI			
DATASCI			
DATASCI			

All QTM versions of these courses are equivalent to DATASCI versions