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 *or* 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 *or* Intro to Scientific Computing	☐	
DATASCI 110	Introduction to Scientific Methods	☐	
DATASCI 160	Programming Fundamentals	☐	
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