

Quantitative Sciences Major Checklist: Data Science

Name: _____

ID#: _____

Total credits toward QSS: _____

QTM Core

Course Number	Course Title	Taken?	Credits
MATH 111	Calculus I		3
QTM 110	Introduction to Scientific Methods		3
MATH 210	Advanced Calculus for Data Sciences		4
MATH 221	Linear Algebra		4
QTM 150	Intro to Statistical Computing I		2
QTM 151	Intro to Statistical Computing II		2
QTM 210	Probability & Statistics		4
QTM 220	Regression Analysis		4
Total credits taken			

Track Core

Topic A: Machine Learning		Topic B: Causal Inference		Topic C: Statistical Theory		Topic D: Mathematical Modeling	
QTM 347		QTM 345		QTM 365		2 of the following: QTM 315, 325, 490 (Social choice Theory)	
QTM 447		QTM 445		QTM 465			

QTM Electives

Course Number	Course Title	Taken?	Credits
QTM			
QTM			
QTM			
QTM			
QTM			
Total credits taken			

Experiential Learning

Course Number	Course Title	Taken?	Credits
QTM			
QTM			
Total credits taken			