

Quantitative Sciences Major Checklist: Informatics

Name: _____ **ID #:** _____

Academic Advisor: _____ **Date:** _____

Core Courses

Required for all QSS majors in the Informatics track declared Fall 2019 or later

Course number & title			Semester & Year	Grade	Credits
MATH	111†	Calculus I		X	3
MATH	221†	Linear Algebra		X	X
QTM	110	Introduction to Scientific Methods			3
MATH	210	Advanced Calculus for Data Sciences			4
QTM	150	Intro to Statistical Computing I			1
QTM	151	Intro to Statistical Computing II			1
QTM	210	Probability & Statistics			4
QTM	220	Regression Analysis			4
CS	153	Computing for Bioinformatics			3
CS	170	Intro to Computer Science I			4
CS	171	Intro to Computer Science II			3
CS	224‡	Foundations of Computer Science			3
CS	253§	Data Structures & Algorithms			3
CS	370	Computer Science Practicum			3
CS	377	Database Systems			3
CS	325*	Artificial Intelligence			3

*Previously CS 425. The numbering for this course changes to CS 325, effective Fall 2019

† MATH 111 and MATH 221 do not count towards major GPA; MATH 111 counts towards 50 cr. requirement; MATH 221 does not count towards 50 cr. requirement

‡ CS 224 previously titled Discrete Structures

§ Previously CS 323

Elective Courses

QTM electives include 300- and 400-level lecture and seminar style classes; QTM 398R, 496R, and 499R are not considered upper-level electives

Course number & title			Semester & Year	Grade	Credits
QTM					
QTM					
QTM					

Expected Graduation:
Semester & Year

Total credit hours completed:
*124 academic credit hours + 2 PE + HLTH100
needed for graduation*

Credits toward QSS:
50 needed to earn degree

