Quantitative Sciences Major Checklist: Informatics

Name: **ID #:**

Academic Advisor: **Date:**

Core Courses

*Required for all QSS majors in the Informatics track declared **Fall 2019 through Summer 2022***

Course number & title			Semester & Year	Grade	Credits
MATH	111†	Calculus I		X	3
QTM	110	Introduction to Scientific Methods			3
MATH	210	Advanced Calculus for Data Sciences			4
MATH	221†	Linear Algebra		X	X
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	153ǀ	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

† MATH 111 and MATH 221 are prerequisites to the QSS major and do not count towards major GPA
ǀ CS 153 is no longer offered; any CS elective of 300+ level that is not used for another category may be used to satisfy this requirement
‡ CS 224 previously titled Discrete Structures, effective Fall 2019
§ Previously CS 323, effective Fall 2019
* Previously CS 425, effective Fall 2019

Elective Courses

QTM electives include 300- and 400-level lecture and seminar style classes of 3+ credit hours
QTM 398R, 495A, 495B, 496R, 497R, 498R and 499R do not satisfy the QTM elective requirement

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