

Quantitative Sciences Major Checklist: Informatics

Name:

ID #:

Academic Advisor:

Date:

Core Courses

Required for all QSS majors in the Informatics track declared Fall 2022 or later

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	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
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

† MATH 111 and MATH 221 are prerequisites to the QSS major and do not count towards major GPA

‡ 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 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