

# Pre-Fall 2019 Quantitative Sciences Major Checklist: Informatics

**Name:** \_\_\_\_\_ **ID #:** \_\_\_\_\_

**Academic Advisor:** \_\_\_\_\_ **Date:** \_\_\_\_\_

## Core Courses

*Required for all QSS majors in the Informatics track declared prior to Fall 2019*

Course number & title			Semester & Year	Grade	Credits
MATH	111	Calculus I		X	
QTM	110	Introduction to Scientific Methods			
QTM	120	Math for Quantitative Sciences			
QTM	150†	Intro to Statistical Computing I			
QTM	151†	Intro to Statistical Computing II			
QTM	210	Probability & Statistics			
QTM	220	Regression Analysis			
CS	153	Computing for Bioinformatics			
CS	170	Intro to Computer Science I			
CS	171	Intro to Computer Science II			
CS	224	Discrete Structures			
CS	323	Data Structures & Algorithms			
CS	370	Computer Science Practicum			
CS	377	Database Systems			
CS	425*	Artificial Intelligence			

\*Previously CS 325. The numbering for this course changes to CS 425, effective Spring 2018

† Required for students who declare QSS Fall 2017 and after; highly recommended for students who declared prior to Fall 2017

## Elective Courses

*QTM electives include 300- and 400-level lecture and seminar style classes*

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

