

Mathematics Major Checklist

Name: _____

Year: _____

Was Mathematics Declared before May 12, 2017? Yes No

Core Courses:

Must take or place out of each. (Note: students placing out of Math 271/272, 350, or 355 must take an **additional** math elective for each of those courses they place out of.)

Calculus

Math 111 _____

Math 121 _____

Math 211 _____

Linear Algebra

Math 271 or 272 _____

Algebra and Analysis

Math 350 _____

Math 355 _____

Total Core: _____/6**Elective Courses:** (Total: FIVE electives; may be more due to placing out of advanced courses.)

Mathematics electives must be numbered 135 or higher. For majors declared after May 12, 2017, at least two of these electives must be numbered 200 or higher.

(Minimum) Three Electives in Mathematics: Math _____ Math _____ Math _____**Electives Taken Due to Placing out of Linear Algebra, Algebra or Analysis:**

Math _____ Math _____ Math _____

Two Additional Courses: Electives in Mathematics OR From Approved List:

Math _____ Math _____ (Cross-listed statistics courses (135/360/370) count as math electives.)

Approved List:

Computer Science

COSC 201/211 _____

COSC 301/311 _____

COSC 401 _____

Philosophy

PHIL 350 _____

Physics (any \geq 116 except 227)

PHYS _____

PHYS _____

Astronomy (any \geq 226)

ASTR _____

ASTR _____

Economics

ECON 300 _____

ECON 301 _____

ECON 361 _____

ECON 420 _____

Statistics (any \geq 200)

STAT _____

STAT _____

Total Electives: _____/5**Comprehensive Evaluation Status:** Completed Not Completed**Honors Qualifying Status:** Qualified Not Qualified

Note that qualifying for honors satisfies the comprehensive evaluation.

Honors Program Checklist:

Math 345 _____ Math 400-489 _____ (Note these count as electives above).

Course Planning - Please use the semester outline below to help plan your progress through the major, in conjunction with your advisor. It is helpful to take notes about major events such as if you plan to study away, write a thesis (in Mathematics or another major), etc. to craft a path that will work well for you.

Year	Fall Semester	Spring Semester
1		
2		
3		
4		

Double Majors: Double majors in mathematics and statistics must complete a total of 20 courses (or 19, if statistics was declared prior to May 3, 2019). Math 111, Math 121, Math 271-or-272 (if required for their statistics major), and at most one other course (usually Math/Stat 360) can be counted towards both majors. Aside from this permitted overlap, statistics courses or computer science courses counted towards the statistics major may not also be counted towards the mathematics major. Double majors should fill out both major checklists and are encouraged to consult with faculty in the Department to verify that they have satisfied all requirements.