Mathematics and Statistics Double Major Checklist

Name:
Year:

Was Mathematics Declared before May 12, 2017?   Yes   No

Math Background Courses:  Must take or place out of each.

Math 111 _____    Math 121 _____
Math 211 _____    Math 271 or 272 _____
Math Background Courses: _____/4

Statistics Courses:  Must take or place out of each.

Stat 111 or 135 _____    Stat 230 _____
Stat 360 _____    Stat 370 _____
Stat 495 _____ (pre-reqs 230, 370, computing req)  Statistics Courses: _____/5

Mathematics Courses:  Must take or place out of each.

Math 350 _____    Math 355 _____
Math Courses: _____/2

Elective Courses for Statistics:

Four additional courses are required to complete the statistics major.

(Computing Requirement) Two courses in Computer Science at the level of 111 or higher
COSC 111 _____    COSC 112 _____    COSC _____    COSC _____

(Depth Requirement) Two Statistics electives 200+ _____ _____
OR other approved statistics electives (if not Amherst courses) _____ _____
Total Statistics Elective Courses: _____/4

Elective Courses for Mathematics:

Four additional electives are required to complete both majors, as one course listed above, not in the background or mathematics courses sections, may be applied to the mathematics major (total 5 electives are required). By default, we count this course as Stat/Math 360: Probability.

Course being applied to mathematics major: __Stat/Math 360__

Two electives in mathematics are required, numbered 135 or higher. For majors declared after May 12, 2017, at least one of these electives must be numbered 200 or higher.

Math ______    Math ______
Two additional electives are required which can be electives in math or courses from the approved list below.

Math _____  Math _____

Approved List:
Computer Science:  Physics (any >= 116 except 227) Philosophy  Economics
COSC 201/211 ____  Astronomy (any >= 226)  PHIL 350 ____  ECON 300 ____
COSC 301/311 ____  ASTR or PHYS ____  ECON 301 ____
COSC 401 ____  ASTR or PHYS ____  ECON 361 ____
(Note that a COSC course cannot be used here if it is used for Statistics above)  ECON 420 ____

Total Mathematics Elective Courses: ______/4

Overall Progression: ______/19

Placement:
List the courses you placed out of:

For the statistics major:
Statistics majors may place out of up to three courses without having to replace those courses. Students placing out of more than 3 courses must replace each course beyond the third placed out of with additional courses approved by the Department to complete the major.

For the mathematics major:
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.

Mathematics Honors Qualifying Status:  Qualified  Not Qualified
(qualifying for honors satisfies the comprehensive evaluation in mathematics)

Mathematics Comprehensive Evaluation Status:  Completed  Not Completed

Statistics Honors Qualifying Status:  Qualified  Not Qualified
(qualifying for honors does not satisfy the comprehensive evaluation in statistics)

Statistics Comprehensive Evaluation Status:  Completed  Not Completed

Mathematics Honors Program Checklist:
Math 345 ____
Math 400-489 ____  (Note: these count as math electives above).