

Department of Mathematics, Computer Science, and Statistics

Mathematics Major and Statistics Major

A double major in mathematics and statistics requires 18 units, an SYE, and a computing course. An SYE in statistics would count toward the 18 units. An SYE in mathematics count toward the 18 units. A computing course in statistics would count toward the 18 units.

The requirements for both majors must be met and can only count **MATH 135, MATH 136, MATH 205, and MATH 217** towards meeting the requirements for both.

Requirement Checklist:

- Math 135 - Calculus 1
- Math 136 - Calculus 2
- Math 205 - Calculus 3
- Math 217 - Linear Algebra

Math 280 - Bridge to Higher Math

Math 305/306 - Analysis

Math 315/316 - Algebra

MATH 200+

MATH 200+

MATH 300+

MATH 300+

Y/N SYE

STAT 113 - Applied Stats

STAT 213 - Applied Regression

STAT 325 - Probability

STAT 326 - Math Stats

STAT 200+

STAT 300+

STAT 300+

Y/N Computing

Note: CS 140 may count as a MATH 200+; CS 219 may count as a STAT 200+; MATH 350 and MATH 305 may count as a STAT 300+, but only 1 non-STAT class may count as an elective

Fall 20 ____	Spring 20 ____	Fall 20 ____	Spring 20 ____

Students are encouraged to complete MATH 280 before the end of their sophomore year because this course is a prerequisite for many courses at the 300 level.

Students considering graduate work in mathematics are strongly encouraged to take all of MATH 305, 306, 315, and 316.