



## PREREQUISITES FOR THE MAJOR

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| <input type="checkbox"/> ONE COURSE FROM STATISTICS 10 – 14<br>(ECON 41 OR AP SCORE OF 4+ ARE ALSO ACCEPTED) | <input type="checkbox"/> STATISTICS 20 |
| <input type="checkbox"/> MATH 31A  | <input type="checkbox"/> MATH 32A      |
| <input type="checkbox"/> MATH 31B  | <input type="checkbox"/> MATH 32B      |
|  | <input type="checkbox"/> MATH 33A      |

## MAJOR REQUIREMENTS

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| <input type="checkbox"/> STATS 100A (MATH 170A ACCEPTED)                 | INTRODUCTION TO PROBABILITY                       |
| <input type="checkbox"/> STATS 100B                                      | INTRODUCTION TO MATHEMATICAL STATISTICS           |
| <input type="checkbox"/> STATS 100C                                      | LINEAR MODELS                                     |
| <input type="checkbox"/> STATS 101A                                      | INTRODUCTION TO DATA ANALYSIS REGRESSION          |
| <input type="checkbox"/> STATS 101B                                      | INTRODUCTION TO DESIGN AND ANALYSIS OF EXPERIMENT |
| <input type="checkbox"/> STATS 101C                                      | INTRODUCTION TO REGRESSION AND DATA MINING        |
| <input type="checkbox"/> STATS 102A                                      | INTRODUCTION TO COMPUTATIONAL STATISTICS WITH R   |
| <input type="checkbox"/> STATS 102B                                      | INTRODUCTION TO COMPUTATION AND OPTIMIZATION      |
| <input type="checkbox"/> STATS 102C                                      | INTRODUCTION TO MONTE CARLO METHODS               |
| <input type="checkbox"/> STATS 130 (REQUISITE FOR STATS 140SL AND 141SL) | GETTING UP TO SPEED WITH SPSS, STATA, SAS, AND R  |
| <input type="checkbox"/> STATS 140SL                                     | PRACTICE OF STATISTICAL CONSULTING PART 1         |
| <input type="checkbox"/> STATS 141SL                                     | PRACTICE OF STATISTICAL CONSULTING PART 2         |
| <input type="checkbox"/> STATS UPPER DIVISION ELECTIVE: _____            |   |

**\* Elective Courses Allowed:**

Stats 116 – 199

Math 131A, 131B, 151A, 151B, 170B, 171, 172B

\* Double Majors must take 2 Upper Division classes before applying for the Major

\* All Upper Division courses are 4 units

\* 4 units of Statistics 199 may be applied as an elective

\* Total of 52 Upper Division units for the Major

\* All courses must be taken for a letter grade and students must maintain a 2.5 GPA

\* 101 and 102 series courses ending in A are only offered in the Fall, B in the Winter, and C in the Spring

A MAXIMUM OF 5 COURSES CAN BE OVERLAPPED WITH OTHER MAJOR OR MINOR PROGRAMS