

Southern Illinois University Edwardsville
BACHELOR OF ARTS - MATHEMATICAL STUDIES: STATISTICS

This guide provides only a suggested course of study and should be used in consultation with an adviser and the SIUE Undergraduate Catalog available online at www.siu.edu/registrar/.

YEAR	FALL	SPRING
1	MATH 150 Calculus I CS 140 Introduction to Computing I ENG 101 English Composition I Foreign Language 101	5 MATH 152 Calculus II 4 ENG 102 English Composition II 3 Foreign Language 102 (IC) 4 PHYS 151 University Physics I (Intro NSM) 1 PHYS 151L University Physics Lab I <hr style="width: 20%; margin-left: auto; margin-right: 0;"/> 16
2	MATH 223 Logic & Reasoning MATH 250 Calculus III Intro Fine Arts & Humanities Intro Social Sciences Intro GENERAL EDUCATION	3 MATH 321 Linear Algebra 4 MATH 350 Introduction to Analysis 3 Intro GENERAL EDUCATION 3 Dist Fine Arts & Humanities 3 Intergroup Relations (IGR)* 2 ELECTIVE <hr style="width: 20%; margin-left: auto; margin-right: 0;"/> 16
3	STAT 480a Intro to Math Statistics Interdisciplinary Studies (IS) Dist Natural Sciences Minor/Supporting Course** ELECTIVE	3 STAT 480b Intro to Math Statistics 3 STAT ELECTIVE+ 3 Minor/Supporting Courses** 3 Minor/Supporting Courses** 3 Dist Social Sciences <hr style="width: 20%; margin-left: auto; margin-right: 0;"/> 15
4	MATH 498 Senior Seminar STAT ELECTIVE+ STAT ELECTIVE+ STAT ELECTIVE+ Minor/Supporting Course**	2 MATH 499 Senior Project 3 STAT 482 Regression Analysis 3 Minor/Supporting Courses** 3 Minor/Supporting Courses** 3 ELECTIVE <hr style="width: 20%; margin-left: auto; margin-right: 0;"/> 14

* Course taken to fulfill this requirement may also satisfy another General Education requirement. Refer to the SIUE Undergraduate Catalog for a list of approved courses.

** Supporting Courses: Either a minor or nine additional hours of mathematics, statistics, or operations research and nine hours of supporting courses approved by the adviser.

+ Choose from STAT 478, 481, 483, 484, 485, 486, 487, 488; OR 440, 441, 442; or MATH 465, 466.

Declaring a Statistics Major: To declare a major in Statistics, it is necessary to have:

1. Completed all Academic Development courses required by the University.
2. Completed any required courses to address high school deficiencies.
3. Satisfied one of the following:
 - a. Completed Math 120 & 125 or mathematics courses having these courses as prerequisites (or equivalent courses at another accredited institution of higher education), have a GPA of 2.0 or higher in all University mathematics courses, and have a GPA of 2.0 or higher in all University courses taken.
 - b. Completed in high school, seven semesters of University preparatory mathematics courses including a course in trigonometry, and have no grade lower than a C in those courses.

For further information, contact the Mathematics and Statistics Department, SL 1314, 650-2382