

SAMPLE 4-YEAR PLAN: STATISTICS B.S.

Northern Kentucky University

This is **one way** a student can complete this program in four years if the student requires no remedial courses.

MAJOR: Statistics

| FIRST YEAR | Fall Semester | | Spring Semester | |
|---|--|--|------------------------|---|
| | MAT 129 Calculus I ¹ | 4 | MAT 229 Calculus II | 5 |
| MAT 194 Mathematical Sciences Seminar | 1 | STA 250 Probability and Statistics I | 3 | |
| Gen Ed: Communication; Written I | 3 | Gen Ed: Communication; Oral | 3 | |
| Gen Ed | 3 | Elective/minor | 3 | |
| Elective/minor | 3 | | | |
| TOTAL | 14 | TOTAL | 14 | |
| SECOND YEAR | Fall Semester | | Spring Semester | |
| | STA 314 Design and Analysis of Experiments | 3 | STA 341 Statistics II | 3 |
| MAT/STA major elective | 3 | MAT/STA major elective | 3 | |
| Gen Ed: Communication; Written II | 3 | Gen Ed: Scientific and Quantitative Inquiry; Natural Sciences with lab | 4 | |
| Gen Ed: Scientific and Quantitative Inquiry; Natural Sciences without lab | 3 | Gen Ed | 3 | |
| Elective/minor | 3 | Elective/minor | 3 | |
| TOTAL | 15 | TOTAL | 16 | |
| THIRD YEAR | Fall Semester | | Spring Semester | |
| | STA 360 Statistical Computing | 3 | MAT/STA major elective | 3 |
| MAT/STA major elective | 3 | MAT/STA major elective | 3 | |
| Gen Ed | 3 | Gen Ed | 3 | |
| Elective / minor | 4 | Elective / minor | 3 | |
| Elective / minor 300 level or above | 3 | Elective / minor 300 level or higher | 3 | |
| TOTAL | 16 | TOTAL | 15 | |
| FOURTH YEAR | Fall Semester | | Spring Semester | |
| | MAT/STA major elective | 3 | MAT/STA major elective | 3 |
| MAT/STA major elective | 3 | Gen Ed | 3 | |
| Gen Ed | 3 | Elective / minor | 3 | |
| Elective / minor 300 level or above | 3 | Elective / minor | 3 | |
| Elective / minor 300 level or above | 3 | Elective / minor 300 level or higher | 3 | |
| | | STA 489 Comprehensive Examination | 0 | |
| TOTAL | 15 | TOTAL | 15 | |
| GRAND TOTAL OF CREDITS | | | 120 | |

Notes: This plan is ONE way in which you can complete your degree program in four years; it is not the only way. It assumes that you have a mathematical background sufficient to begin with calculus as evidenced by a mathematics ACT score of 25 or greater, or a mathematics SAT score of 570 or greater. It also assumes that you are not a transfer student, and you are beginning in the fall.

¹MAT 129 satisfies the mathematics general education requirement.