## CORE COURSES:

- □ MAT 129 Calculus I  
- □ MAT 129 Calculus II  
- □ MAT 229 Calculus II  
- □ MAT 227 Calculus B  
- □ MAT 228 Calculus C  
- □ MAT 194 Mathematical Sciences Seminar  
- □ STA 250 Probability and Statistics I  
- □ STA 314 Design and Analysis of Experiments  
- □ STA 341 Statistics II  
- □ STA 360 Statistical Computing  
- □ STA 489 Comprehensive Exam

### ELECTIVES:

#### 18 Hours of 300-level or above courses in STA or MAT (with advisor approval)

- □ 9 Hours in STA Courses ¹
- □ 9 Additional Hours in MAT/STA Courses ² (may include MAT 234)

A grade of "C-" or better is required in each course applied to the major. At least 9 semester hours towards the major must be taken at NKU.

---

### Course listing (please refer to our website math.nku.edu for the most current courses available.)

- STA 312 Elementary Survey Sampling
- STA 314 Design and Analysis of Experiments
- STA 316 Regression Analysis
- STA 317 Introduction to Time Series Analysis
- STA 340 Probability II
- STA 370 Introduction to Statistical Consulting
- STA 419 Applied Multivariate Statistics
- STA 450 Introduction to Actuarial Science
- STA 470 Supervised Statistics Consulting

---

### The Double Major in Mathematics and Statistics:

A double major in mathematics and statistics consists of satisfying the degree requirements of both majors with a minimum of 58 credit hours of courses applicable to either major.