

Statistics Major Requirements Fall 2009

Core Courses

_____	MAT 129	<i>Calculus I</i>	OR	_____	MAT 128	<i>Calculus A</i>
_____	MAT 229	<i>Calculus II</i>		_____	MAT 227	<i>Calculus B</i>
_____				_____	MAT 228	<i>Calculus C</i>
_____	MAT 194	<i>Mathematical Sciences Seminar</i>				
_____	STA 250	<i>Probability and Statistics I</i>				
_____	STA 314	<i>Design and Analysis of Experiments I</i>				
_____	STA 341	<i>Statistics II</i>				
_____	STA 360	<i>Statistical Computing</i>				

Electives: 18 Hours in 300-level or higher courses in STA or MAT (with advisor approval)

9 Hours in STA *	_____	STA
	_____	STA
	_____	STA

9 Additional Hours **	_____	STA / MAT
	_____	STA / MAT
	_____	STA / MAT

*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 315 Design and Analysis of Experiments II
- STA 317 Introduction to Time Series Analysis
- STA 340 Probability II
- STA 370 Introduction to Statistical Consulting
- STA 419 Applied Multivariate Analysis
- STA 450 Introduction to Actuarial Science
- STA 470 Supervised Statistics Consulting

** **A full listing of all MAT courses can be found at <http://math.nku.edu/programs/coursedescriptions.php>**

The Double Major in Mathematics and Statistics

A double major in mathematics and statistics requires a minimum of 58 credit hours of courses which satisfy either major while meeting the requirements for both majors.

The Minor in Mathematical Sciences

Students wishing to obtain a minor in mathematical sciences must take 21 semester hours of mathematics and statistics courses numbered 110 or higher as well as CSC270 . A GPA of at least 2.00 in all courses applied to the minor is required.