

STATISTICS MAJOR CHECKLIST

Academic Year 2016 - 2017

CORE COURSES:	<input type="checkbox"/>	MAT 129 Calculus I	OR	<input type="checkbox"/>	MAT 128 Calculus A
	<input type="checkbox"/>	MAT 229 Calculus II		<input type="checkbox"/>	MAT 227 Calculus B
	<input type="checkbox"/>			<input type="checkbox"/>	MAT 228 Calculus C
	<input type="checkbox"/>	MAT 194 Mathematical Sciences Seminar			
	<input type="checkbox"/>	STA 250 Probability and Statistics I			
	<input type="checkbox"/>	STA 314 Design and Analysis of Experiments			
	<input type="checkbox"/>	STA 341 Statistics II			
	<input type="checkbox"/>	STA 360 Statistical Computing			
<input type="checkbox"/>	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	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<hr/> <hr/> <hr/>
	9 Additional Hours in MAT/STA Courses ² (may include MAT 234)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<hr/> <hr/> <hr/>
<i>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</i>			

¹ 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

² A full listing of all MAT courses can be found on our website math.nku.edu.

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.