

STATISTICS MAJOR CHECKLIST

Academic Year 2018- 2019

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"/>	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 Analysis
- 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. (MAT 234 Linear Algebra applies toward the 18 hours of electives.)

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.