Northern Kentucky University

MAJOR: **Mathematics** TRACK: **Statistics**

FIRST YEAR	Fall Semester		Spring Semester	
	MAT 129 Calculus I ¹	4	MAT 229 Calculus II	5
	MAT 129 Mathematical Sciences	1	STA 250 Probability & Statistics I	3
	Seminar	_		
	Gen Ed: Communication (Written	3	Gen Ed: Communication (Oral)	3
	1)		, ,	
	Gen Ed: Culture & Creativity	3	Elective/minor	3
	Elective/minor	3		
	TOTAL	14	TOTAL	14
SECOND YEAR	Fall Semester		Spring Semester	
	STA 314 Design & Analysis of Experiments	3	STA 341: Statistics II	3
	MAT/STA major elective	3	MAT/STA major elective	3
	WAT/31A Major elective	,	(300-level or above)	
	Gen Ed: Communication (Written	3	Gen Ed: Individual & Society	3
			,	
	Gen Ed: Scientific & Quantitative	3	Gen Ed: Scientific & Quantitative	4
	Inquiry (Natural Sciences without		Inquiry (Natural Sciences with	
	lab)		lab)	
	Elective/minor	4	Elective/minor	3
	TOTAL	16	TOTAL	16
THIRD YEAR	Fall Semester	16	Spring Semester	16
THIRD YEAR		3	Spring Semester STA major elective	3
THIRD YEAR	Fall Semester	3	Spring Semester	3
THIRD YEAR	Fall Semester STA 360 Statistical Computing MAT/STA major elective		Spring Semester STA major elective (300-level or higher) STA major elective	1
THIRD YEAR	Fall Semester STA 360 Statistical Computing	3	Spring Semester STA major elective (300-level or higher)	3
THIRD YEAR	Fall Semester STA 360 Statistical Computing MAT/STA major elective (300-level or higher) Gen Ed: Individual & Society	3 3	Spring Semester STA major elective (300-level or higher) STA major elective (300-level or higher) Gen Ed: Culture & Creativity	3 3
THIRD YEAR	Fall Semester STA 360 Statistical Computing MAT/STA major elective (300-level or higher)	3	Spring Semester STA major elective (300-level or higher) STA major elective (300-level or higher) Gen Ed: Culture & Creativity Elective/minor	3
THIRD YEAR	Fall Semester STA 360 Statistical Computing MAT/STA major elective (300-level or higher) Gen Ed: Individual & Society Gen Ed: Cultural Pluralism	3 3 3 3	Spring Semester STA major elective (300-level or higher) STA major elective (300-level or higher) Gen Ed: Culture & Creativity Elective/minor (300-level or higher)	3 3
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THIRD YEAR FOURTH YEAR	Fall Semester STA 360 Statistical Computing MAT/STA major elective (300-level or higher) Gen Ed: Individual & Society Gen Ed: Cultural Pluralism Elective/minor TOTAL Fall Semester	3 3 3 3 15	Spring Semester STA major elective (300-level or higher) STA major elective (300-level or higher) Gen Ed: Culture & Creativity Elective/minor (300-level or higher) Elective/minor (300-level or higher) TOTAL Spring Semester	3 3 3 3
	Fall Semester STA 360 Statistical Computing MAT/STA major elective (300-level or higher) Gen Ed: Individual & Society Gen Ed: Cultural Pluralism Elective/minor TOTAL Fall Semester STA major elective	3 3 3 3	Spring Semester STA major elective (300-level or higher) STA major elective (300-level or higher) Gen Ed: Culture & Creativity Elective/minor (300-level or higher) Elective/minor (300-level or higher) TOTAL Spring Semester MAT/STA major elective	3 3 3 3
	Fall Semester STA 360 Statistical Computing MAT/STA major elective (300-level or higher) Gen Ed: Individual & Society Gen Ed: Cultural Pluralism Elective/minor TOTAL Fall Semester STA major elective (300-level or higher)	3 3 3 3 15	Spring Semester STA major elective (300-level or higher) STA major elective (300-level or higher) Gen Ed: Culture & Creativity Elective/minor (300-level or higher) Elective/minor (300-level or higher) TOTAL Spring Semester MAT/STA major elective (300-level or higher)	3 3 3 3 15
	Fall Semester STA 360 Statistical Computing MAT/STA major elective (300-level or higher) Gen Ed: Individual & Society Gen Ed: Cultural Pluralism Elective/minor TOTAL Fall Semester STA major elective	3 3 3 3 15	Spring Semester STA major elective (300-level or higher) STA major elective (300-level or higher) Gen Ed: Culture & Creativity Elective/minor (300-level or higher) Elective/minor (300-level or higher) TOTAL Spring Semester MAT/STA major elective (300-level or higher) STA 489 Comprehensive	3 3 3 3 15
	Fall Semester STA 360 Statistical Computing MAT/STA major elective (300-level or higher) Gen Ed: Individual & Society Gen Ed: Cultural Pluralism Elective/minor TOTAL Fall Semester STA major elective (300-level or higher) Gen Ed: Global Viewpoints	3 3 3 3 15	Spring Semester STA major elective (300-level or higher) STA major elective (300-level or higher) Gen Ed: Culture & Creativity Elective/minor (300-level or higher) Elective/minor (300-level or higher) TOTAL Spring Semester MAT/STA major elective (300-level or higher) STA 489 Comprehensive Examination	3 3 3 3 15
	Fall Semester STA 360 Statistical Computing MAT/STA major elective (300-level or higher) Gen Ed: Individual & Society Gen Ed: Cultural Pluralism Elective/minor TOTAL Fall Semester STA major elective (300-level or higher) Gen Ed: Global Viewpoints Elective/minor	3 3 3 3 15 3	Spring Semester STA major elective (300-level or higher) STA major elective (300-level or higher) Gen Ed: Culture & Creativity Elective/minor (300-level or higher) Elective/minor (300-level or higher) TOTAL Spring Semester MAT/STA major elective (300-level or higher) STA 489 Comprehensive Examination Elective/minor	3 3 3 3 15
	Fall Semester STA 360 Statistical Computing MAT/STA major elective (300-level or higher) Gen Ed: Individual & Society Gen Ed: Cultural Pluralism Elective/minor TOTAL Fall Semester STA major elective (300-level or higher) Gen Ed: Global Viewpoints Elective/minor Elective/minor	3 3 3 3 15	Spring Semester STA major elective (300-level or higher) STA major elective (300-level or higher) Gen Ed: Culture & Creativity Elective/minor (300-level or higher) Elective/minor (300-level or higher) TOTAL Spring Semester MAT/STA major elective (300-level or higher) STA 489 Comprehensive Examination Elective/minor Elective/minor	3 3 3 3 15
	Fall Semester STA 360 Statistical Computing MAT/STA major elective (300-level or higher) Gen Ed: Individual & Society Gen Ed: Cultural Pluralism Elective/minor TOTAL Fall Semester STA major elective (300-level or higher) Gen Ed: Global Viewpoints Elective/minor	3 3 3 3 15 3	Spring Semester STA major elective (300-level or higher) STA major elective (300-level or higher) Gen Ed: Culture & Creativity Elective/minor (300-level or higher) Elective/minor (300-level or higher) TOTAL Spring Semester MAT/STA major elective (300-level or higher) STA 489 Comprehensive Examination Elective/minor	3 3 3 3 15

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	(300-level or higher)		(300-level or higher)		
			Elective/minor	0	
			(300-level or higher)		
	TOTAL	15	TOTAL	15	
GRAND TOTAL OF CREDITS					

Note: This plan is ONE way in which you can complete your degree program in 4 years; it is not the only way. It assumes that you have a mathematical background sufficient to begin with calculus as evidenced by a math ACT score of at least 27 or a math SAT score of at least 650. It also assumes that you are not a transfer student, and you are beginning in the fall.

¹MAT 129 satisfies the Scientific & Quantitative Literacy Mathematics & Statistics general education requirement.

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