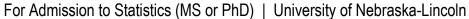
Prerequisite Coursework





Applicant Full Name	Applicant Email Address	 Date	

	Equivalent Course You Have Taken		
Course at UNL	Institution	Course Number and Title	Grade
MATH 106: Calculus I			
MATH 107: Calculus II			
MATH 208: Calculus III			
MATH 314: Matrix Algebra			
STAT 218: Intro to Statistics			

Course Descriptions (for reference)

MATH 106: Calculus I

Functions of one variable, limits, differentiation, exponential, trigonometric and inverse trigonometric functions, maximum-minimum, and basic integration theory (Riemann sums) with some applications.

MATH 107: Calculus II

Integration theory; techniques of integration; applications of definite integrals; series, Taylor series, vectors, cross and dot products, lines and planes, space curves.

MATH 208: Calculus III

Vectors and surfaces, parametric equations and motion, functions of several variables, partial differentiation, maximum-minimum, Lagrange multipliers, multiple integration, vector fields, path integrals, Green's Theorem, and applications.

MATH 314: Matrix Algebra

Fundamental concepts of linear algebra, including properties of matrix arithmetic, systems of linear equations, vector spaces, inner products, determinants, eigenvalues and eigenvectors, and diagonalization.

STAT 218: Intro to Statistics

The practical application of statistical thinking to contemporary issues; collection and organization of data; probability distributions; statistical inference; estimation; and hypothesis testing.