

# Prerequisite Coursework

For Admission to Agricultural Economics (MS) | University of Nebraska-Lincoln



Applicant Full Name

Applicant Email Address

Date

Course at UNL	Equivalent Course You Have Taken		
	Institution	Course Number and Title	Grade
MATH 106: Calculus I or MATH 104: Calculus for Managerial and Social Sciences			
STAT 218: Introduction to Statistics			
ECON 311: Intermediate Macroeconomics			
ECON 312: Intermediate Microeconomics			

## 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 104: Calculus for Managerial and Social Sciences**

Rudiments of differential and integral calculus with applications to problems from business, economics, and social sciences.

### **STAT 218 Introduction to Statistics**

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

### **ECON 311: Intermediate Macroeconomics**

Extensions and elaboration of theories of aggregate production, consumption, savings and investment, and international trade and finance. Detailed analyses of aggregate demand and supply and applications to inflation and unemployment. Various models of a market economy's performance, and analyses of monetary and fiscal policies for macroeconomic stabilization and growth.

### **ECON 312: Intermediate Microeconomics**

Extension and elaboration of the economic theories of the behavior of producers, consumers, and markets. Applications include analyses of taxation, rationing and other government policies, price discrimination, cartels, unions, and international markets.