Choosing a Math Course

**Preparation:**

Completed Algebra II or Statistics in high school or did not take mathematics courses during senior year of high school.

Did well in Pre-Calculus or Calculus (in any form) during senior year of high school.

**Content:**

Diverse topics including introductory probability, statistics, methods for solving systems of linear equations, matrix algebra, and interest computations for financial applications.

Focuses on mathematics that is generated from the limit concept with a primary objective of understanding the derivative and the integral. Of particular importance is the idea of modeling the rate of change of a function over time or some other continuous measurement.

*In both courses the objective is to understand mathematical models that use these tools to explain behavior in financial or other contexts.*

**Uses:**

Provides a solid foundation for an introductory statistics course.

Provides a wider landscape of applications through the functions that are encountered therefore resulting in more applicability. A full year of calculus is needed for most graduate programs and for a more complete understanding of statistical applications.

**MATH 420:** Finite Mathematics

**MATH 424A:** Calculus for Social Sciences

*Even if you meet requirements of MATH 424A - Calculus for Social Sciences you may elect to take MATH 420 Finite Math instead.*