

MAT 351: Introduction to Probability and Statistics

Description: A calculus-based course with topics to include basic probability, discrete and continuous random variables, discrete and continuous probability distributions, mathematical expectations, laws of large numbers, central limit theorem, sampling and estimating theory, tests of hypotheses and significance, curve fitting, regression and correlation, analysis of variance, and nonparametric tests.

Credits: Credits 4

Prerequisites:

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A grade of "C" or better in MAT 225. MAT 200 is recommended.

Semester Offered:

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Offered at departmental discretion.