Nebraska Wesleyan University

MATH 3300 Mathematical Statistics I

Catalog

2026-2027

Course Description

An introduction to basic probability and statistics concepts with an emphasis on applications. Topics include descriptive statistics, probability, Bayes' Theorem, discrete and continuous probability distributions, joint probability distributions, estimation and hypothesis testing.
Prerequisite(s): Grade of "C" or better in MATH 1610 Calculus II.
(Normally offered fall of even-numbered years.)

Course Hours

3 hours

Departments

1. Mathematics and Computer Science