

# Probability Theory

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Last Updated: Wed, 04/01/2026

**Course prefix:** MATH

**Course number:** 3235

**Section:** L

**CRN**

88509

**Instructor first name:** Alex

**Instructor last name:** Blumenthal

**Semester:** Fall

**Academic year:** 2026

**Catalog description:**

This course is a mathematical introduction to probability theory, covering random variables, moments, multivariable distributions, law of large numbers, central limit theorem, and large deviations. Credit not awarded for both MATH 3235 and MATH 3215 or 3225 or 3670.

**Academic honesty/integrity statement:**

Students are expected to maintain the highest standards of academic integrity. All work submitted must be original and properly cited. Plagiarism, cheating, or any form of academic dishonesty will result in immediate consequences as outlined in the university's academic integrity policy.