

MATH 1610 SYLLABUS  
Brown University  
Instructor: Samuel S. Watson

**Email:** samuel.watson@brown.edu

**Office hours:** Thursdays 16:15–17:15 or by appointment

**Textbook:** Introduction to Probability by Grinstead & Snell (available for free at publication website)

**Course description:** Basic probability theory. Sample spaces; random variables; normal, Poisson, and related distributions; expectation; correlation; and limit theorems. Applications in various fields (biology, physics, gambling, etc.).

**Grading:** There will be a midterm, a final, short quizzes, and weekly homework. The lowest homework grade and the lowest quiz grade will be dropped. Your final grade will be weighted as follows:

Homework	30%
Midterm	20%
Quizzes	20%
Final	30%