

## Fin 642: Applied Probability Modeling

### FINANCE

Concepts of probability modeling for applications. Fundamentals of statistical experiments, events, probability laws, conditional probability, random variables, expectation and conditional expectation, introduction to and applications of Markov chains, papers from literature.

3 Credits

### Prerequisites

- [Math 264: Unified Calculus & Analytic Geometry IV](#) \$target.descriptions.MinimumGrade\$
- [Math 353: Elementary Differential Equations](#) \$target.descriptions.MinimumGrade\$

### Instruction Type(s)

- Lecture: Lecture for Fin 642

### Subject Areas

- [Investments and Securities](#)

### Related Areas

- [Banking and Financial Support Services](#)
- [Finance, General](#)
- [Financial Planning and Services](#)
- [Insurance and Risk Management](#)

