

## Math 677: Advanced Stochastic Processes

Special topics in the mathematical theory of stochastic processes. Separability, Martingales, stochastic integrals, the Wiener process, Gaussian processes, random walk, Ornstein-Uhlenbeck process, semi-group theory for diffusions.

3 Credits

## Instruction Type(s)

Lecture: Lecture for Math 677

## **Subject Areas**

- Mathematics, General
- Mathematical Statistics and Probability

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