

# Introduction to probability

Students are encouraged to be familiar with the following issues prior to attending class sessions.

1. Counting and Sets
2. Probability: Definition and Terminology
3. Conditional Probability, Independence and Bayes' Theorem
4. Discrete Random Variables

## References:

1. Feller, William. *An introduction to probability theory and its applications*. Vol. 2. John Wiley & Sons, 2008 (available in our library).
2. Grinstead, Charles Miller, and James Laurie Snell. *Introduction to probability*. American Mathematical Soc., 2012
3. Bertsekas, Dimitri P., and John N. Tsitsiklis. *Introduction to probability*. Vol. 1. Belmont, MA: Athena Scientific, 2002.
4. Thomas, John B. *Introduction to probability*. Springer Science & Business Media, 2012.