

M378K: Topics for In-Term One

☐ Definition of probability.

☐ Basic properties of probability.

☐ Conditional probability and its properties.

☐ Independence.

☐ Bayes' theorem.

☐ Cumulative distribution function.

☐ Discrete distributions with emphasis on Bernoulli, binomial, and Poisson.

☐ Continuous distributions with emphasis on uniform, normal and exponential.

☐ Expectation.

☐ Variance.

☐ Random vectors.
