

# COURSE DETAIL

## PROBABILITY

**Country**

Canada

**Host Institution**

McGill University

**Program(s)**

McGill University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Mathematics

**UCEAP Course Number**

114

**UCEAP Course Suffix****UCEAP Official Title**

PROBABILITY

**UCEAP Transcript Title**

PROBABILITY

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

**Course Description**

This course offers a study of sample space, events, conditional probability, independence of events, and Bayes' Theorem; basic combinatorial probability, random variables, and discrete and continuous univariate and multivariate distribution; independence of random variables; and inequalities, weak law of large numbers, and central limit theorem.

**Language(s) of Instruction**

English

**Host Institution Course Number**

MATH 323

**Host Institution Course Title**

PROBABILITY

**Host Institution Course Details****Host Institution Campus**

Science

**Host Institution Faculty****Host Institution Degree****Host Institution Department**

Mathematics and Statistics

**Course Last Reviewed**

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