

COURSE DETAIL

INTRODUCTION TO PROBABILITY

Country

United Kingdom - England

Host Institution

University of London, Queen Mary

Program(s)

University of London, Queen Mary

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Mathematics

UCEAP Course Number

65

UCEAP Course Suffix**UCEAP Official Title**

INTRODUCTION TO PROBABILITY

UCEAP Transcript Title

INTRO PROBABILITY

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course is an introduction to probability, covering events and random variables. It introduces the basic concepts of probability theory and develops them to the stage where one can begin to use probabilistic ideas in statistical inference, modeling, and the study of stochastic processes. Topics include the axioms of probability, conditional probability, independence, random variables, expectation, and variance. Joint distributions are covered briefly.

Language(s) of Instruction

English

Host Institution Course Number

MTH4107/MTH4207

Host Institution Course Title

INTRODUCTION TO PROBABILITY

Host Institution Campus

Queen Mary University of London

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

Mathematical Sciences

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