

COURSE DETAIL

RANDOM PROCESSES

Country

United Kingdom - England

Host Institution

University of London, Queen Mary

Program(s)

University of London, Queen Mary

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Statistics Mathematics

UCEAP Course Number

128

UCEAP Course Suffix**UCEAP Official Title**

RANDOM PROCESSES

UCEAP Transcript Title

RANDOM PROCESSES

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This advanced course in probability introduces various probability models used in physical sciences, life sciences, and economics. It serves as an introduction to stochastic modeling and stochastic processes. The course covers discrete time processes including Markov chains, random walks, continuous time processes (such as Poisson processes), birth-death processes, and queuing systems.

Language(s) of Instruction

English

Host Institution Course Number

MTH 6141

Host Institution Course Title

RANDOM PROCESSES

Host Institution Campus

Queen Mary University of London

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

Math

[Print](#)