COURSE DETAIL

STOCHASTIC MODELING
Country United Kingdom - Scotland
Host Institution University of Edinburgh
Program(s) University of Edinburgh
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mathematics
UCEAP Course Number 118
UCEAP Course Suffix
UCEAP Official Title STOCHASTIC MODELING
UCEAP Transcript Title STOCHASTIC MODELING
UCEAP Quarter Units 4.00
UCEAP Semester Units 2.70

Course Description

This is an advanced probability course dealing with discrete and continuous time Markov chains. The course covers the fundamental theory, and provides many examples. Markov chains has countless applications in many fields raging from finance, operation research and optimization to biology, chemistry, and physics.

Language(s) of Instruction
English

Host Institution Course Number
MATH10007

Host Institution Course Title
STOCHASTIC MODELING

Host Institution Course Details
http://www.drps.ed.ac.uk/22-23/dpt/cxmath10007.htm

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mathematics

Course Last Reviewed
2025-2026

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