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
University of Edinburgh

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mathematics

Course Last Reviewed
2022-2023

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