

COURSE DETAIL

DISCRETE MATHEMATICS AND PROBABILITY

Country

United Kingdom - Scotland

Host Institution

University of Edinburgh

Program(s)

University of Edinburgh

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

124

UCEAP Course Suffix**UCEAP Official Title**

DISCRETE MATHEMATICS AND PROBABILITY

UCEAP Transcript Title

DISCRETE MATH&PROB

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

The first part of this course covers fundamental topics in discrete mathematics that underlie many areas of computer science and presents standard mathematical reasoning and proof techniques such as proof by induction. The second part of this course covers discrete and continuous probability theory, including standard definitions and commonly used distributions and their applications.

Language(s) of Instruction

English

Host Institution Course Number

INFR08031

Host Institution Course Title

DISCRETE MATHEMATICS AND PROBABILITY

Host Institution Campus

Edinburgh

Host Institution Faculty

Host Institution Degree

Host Institution Department

INFORMATICS

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