

COURSE DETAIL

RANDOMIZED ALGORITHMS

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

171

UCEAP Course Suffix**UCEAP Official Title**

RANDOMIZED ALGORITHMS

UCEAP Transcript Title

RANDOMIZD ALGORTHMS

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

This course is about randomness as a resource in algorithms and computation. The course introduces basic mathematical models and techniques and applies them to the design and analysis of various randomized algorithms. Students also cover a variety of applications of probabilistic ideas and randomization in several areas of computer science.

Language(s) of Instruction

English

Host Institution Course Number

INFR11201

Host Institution Course Title

RANDOMIZED ALGORITHMS

Host Institution Course Details

<http://www.drps.ed.ac.uk/23-24/dpt/cxinfr11201.htm>

Host Institution Campus

Host Institution Faculty

School of Informatics

Host Institution Degree

Host Institution Department

Course Last Reviewed

2023-2024

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