# 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 Campus**

**Host Institution Faculty**
School of Informatics

**Host Institution Degree**

**Host Institution Department**

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