

# COURSE DETAIL

## ALGORITHMS AND DATA STRUCTURES

**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**

141

**UCEAP Course Suffix****UCEAP Official Title**

ALGORITHMS AND DATA STRUCTURES

**UCEAP Transcript Title**

ALGORTM&DATA STRUCT

**UCEAP Quarter Units**

8.00

**UCEAP Semester Units**

5.30

## Course Description

The course provides general techniques for the design of efficient algorithms and, in parallel, develop appropriate mathematical tools for analyzing their performance. In this, it broadens and deepens the study of algorithms and data structures initiated in INF2. The focus is on algorithms, more than data structures.

### Language(s) of Instruction

English

### Host Institution Course Number

INFR10052

### Host Institution Course Title

ALGORITHMS AND DATA STRUCTURES

### Host Institution Campus

University of Edinburgh

### Host Institution Faculty

School of Informatics

### Host Institution Degree

### Host Institution Department

College of Science and Engineering

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