COURSE DETAIL

INFORMATICS 2 - INTRODUCTION TO 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
149

UCEAP Course Suffix
Y

UCEAP Official Title
INFORMATICS 2 - INTRODUCTION TO ALGORITHMS AND DATA STRUCTURES

UCEAP Transcript Title
INTRO ALGORITH&DATA

UCEAP Quarter Units
8.00

UCEAP Semester Units

5.30

Course Description

This course provides a formal and practical introduction to the algorithms and data structures that underlie all areas of computation. It provides students with a toolbox of standard algorithms and data structures, as well as the skills to analyze both the theoretical complexity of algorithms and their practical behavior. Both written and programming exercises will be used, with examples from all areas of Informatics.

Language(s) of Instruction

English

Host Institution Course Number

INFR08026

Host Institution Course Title

INFORMATICS 2 - INTRODUCTION TO 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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