COURSE DETAIL

ADVANCED DATABASE SYSTEMS
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 146
UCEAP Course Suffix
UCEAP Official Title ADVANCED DATABASE SYSTEMS
UCEAP Transcript Title ADV DATABASE SYSTEM
UCEAP Quarter Units 8.00
UCEAP Semester Units 5.30

Course Description

Database management systems are at the core of computer applications that need to store, manipulate, and query data. This course takes a deep dive into how modern database systems function internally, from studying their high-level design to understanding the underlying data structures and algorithms used for efficient data processing. The course covers a range of data management techniques from both commercial systems and cutting-edge research literature, enabling students to apply these techniques to other fields of computer science. This is the undergraduate version of INFR11199

Language(s) of Instruction
English

Host Institution Course Number
INFR11217

Host Institution Course Title
ADVANCED DATABASE SYSTEMS (UG)

Host Institution Course Details
http://www.drps.ed.ac.uk/22_23_Archive_at_01-09-2022/dpt/cxinfr11217.htm

Host Institution Campus
University of Edinburgh

Host Institution Faculty

Host Institution Degree

Host Institution Department
Informatics

Course Last Reviewed

2022-2023

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