

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

Host Institution Campus

University of Edinburgh

Host Institution Faculty

Host Institution Degree

Host Institution Department

Informatics

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