

COURSE DETAIL

INTRODUCTION TO DATABASE

Country

China

Host Institution

Fudan University

Program(s)

Fudan University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

130

UCEAP Course Suffix**UCEAP Official Title**

INTRODUCTION TO DATABASE

UCEAP Transcript Title

INTRO TO DATABASE

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

The course covers the basic principles, methods, and application of database technology. It examines existing database management systems and software development tools, and the core implementation technology of database management systems, database model design, and database application system development principles. Topics include basic concepts of database system, operation theory of relational model, SQL language, standardized design theory, database design, database storage structure, database query processing process, database management system implementation technology, database security, graph/sequence data management technology, NoSQL database, and cutting-edge paper reading.

Language(s) of Instruction

Chinese

Host Institution Course Number

COMP130010

Host Institution Course Title

INTRODUCTION TO DATABASE

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Wei WANG

Host Institution Degree

Host Institution Department

Computer Science and Technology

Course Last Reviewed

2021-2022

[Print](#)