

# 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 Campus

## Host Institution Faculty

Wei WANG

## Host Institution Degree

## Host Institution Department

Computer Science and Technology

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