COURSE DETAIL

DATABASE TECHNOLOGY

Country
Sweden

Host Institution
Lund University

Program(s)
Lund University

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Engineering Computer Science

UCEAP Course Number
156

UCEAP Course Suffix

UCEAP Official Title
DATABASE TECHNOLOGY

UCEAP Transcript Title
DATABASE TECHNOLOGY

UCEAP Quarter Units
6.00

UCEAP Semester Units
4.00

Course Description

The course gives basic theoretical and practical knowledge about database systems and their organization. The emphasis is on relational databases. Topics include an introduction to database systems, basics of the relational model and the query language SQL, methods for data modelling and database design, E/R diagrams, and UML diagrams. Theory for the relational model: functional dependencies, normalization, relational algebra, stored procedures and triggers, and program and web interfaces to databases. Previous knowledge with programming and Java required.

Language(s) of Instruction
Swedish

Host Institution Course Number
EDAF75

Host Institution Course Title
DATABASE TECHNOLOGY

Host Institution Course Details
https://kurser.lth.se/kursplaner/21_22%20eng/EDAF75.html

Host Institution Campus

Host Institution Faculty
Faculty of Engineering

Host Institution Degree

Host Institution Department

Course Last Reviewed
2021-2022