# COURSE DETAIL

## LARGE-SCALE DATA ENGINEERING

**Country**
Germany

**Host Institution**
Technical University Berlin

**Program(s)**
Technical University Berlin

**UCEAP Course Level**
Upper Division

**UCEAP Subject Area(s)**
Computer Science

**UCEAP Course Number**
148

**UCEAP Course Suffix**

**UCEAP Official Title**
LARGE-SCALE DATA ENGINEERING

**UCEAP Transcript Title**
LG-SCALE DATA ENGIN

**UCEAP Quarter Units**
5.50

**UCEAP Semester Units**
3.70

**Course Description**

In this course and through the DAMS Lab group (FG Big Data Engineering), students learn how to conduct research in areas of data engineering, data management, and machine learning systems. Students review scientific literature in these areas as well as how to design, implement, and evaluate prototypes. The lab group offers this project on large-scale data engineering. The course includes tasks in a wide range of components of data management and machine learning systems. Students will have the opportunity to make meaningful contributions to free open-source projects.

**Language(s) of Instruction**
English

**Host Institution Course Number**
41183

**Host Institution Course Title**
PROJEKT LARGE-SCALE DATA ENGINEERING

**Host Institution Course Details**
[https://moseskonto.tu-berlin.de/moses/modultransfersystem/bolognamodule/beschre...](https://moseskonto.tu-berlin.de/moses/modultransfersystem/bolognamodule/beschre...)

**Host Institution Campus**

**Host Institution Faculty**

**Host Institution Degree**

**Host Institution Department**
Institut für Softwaretechnik und Theoretische Informatik

**Course Last Reviewed**
2024-2025

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