

# COURSE DETAIL

## DATA SCIENCE

**Country**

Denmark

**Host Institution**

University of Copenhagen

**Program(s)**

University of Copenhagen

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Computer Science

**UCEAP Course Number**

100

**UCEAP Course Suffix****UCEAP Official Title**

DATA SCIENCE

**UCEAP Transcript Title**

DATA SCIENCE

**UCEAP Quarter Units**

12.00

**UCEAP Semester Units**

8.00

## Course Description

This course covers the components that go into a full data science pipeline from the collection, processing, and cleaning of data, to storing it efficiently in a database, to the implementation of efficient and modular models, to the exploration of data through interactive visualizations. Emphasis is on dealing with data from multiple sources, and on the design of a modular work flow. Finally, the course touches upon some of the fundamental challenges in data science, such as the presence of bias, and its potential impact on decision-making.

## Language(s) of Instruction

English

## Host Institution Course Number

NDAB18000U

## Host Institution Course Title

DATA SCIENCE

## Host Institution Course Details

## Host Institution Campus

Science

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Computer Science

## Course Last Reviewed

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