

## COURSE DETAIL

### PYTHON PROGRAMMING FOR DATA SCIENCE

**Country**

Denmark

**Host Institution**

University of Copenhagen

**Program(s)**

University of Copenhagen

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Computer Science

**UCEAP Course Number**

60

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

PYTHON PROGRAMMING FOR DATA SCIENCE

**UCEAP Transcript Title**

PYTHON/DATA SCIENCE

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This course is an introduction to programming in Python, with focus on data processing and analysis. It includes basic programming concepts such as data types, conditionals, loops, functions, object oriented programming, pattern matching (regular expressions), and computational complexity. In addition, it also provides technical skills relevant to the data science pipeline such as the ability to log on to an external server, and to navigate a Unix shell. This is an introductory programming course: no prior programming experience is required.

## Language(s) of Instruction

English

## Host Institution Course Number

NDAB24000U

## Host Institution Course Title

PYTHON PROGRAMMING FOR DATA SCIENCE

## Host Institution Course Details

<https://kurser.ku.dk/course/ndab24000u/2024-2025>

## Host Institution Campus

## Host Institution Faculty

Science

## Host Institution Degree

Bachelor

## Host Institution Department

Computer Science

## Course Last Reviewed

2024-2025

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