

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 Campus

Host Institution Faculty

Science

Host Institution Degree

Bachelor

Host Institution Department

Computer Science

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