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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