COURSE DETAIL

SCIENTIFIC COMPUTING IN PYTHON (LEVEL 2)
Country United Kingdom - England
Host Institution University College London
Program(s) Summer at University College London
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 120
UCEAP Course Suffix S
UCEAP Official Title SCIENTIFIC COMPUTING IN PYTHON (LEVEL 2)
UCEAP Transcript Title SCI COMPUTNG/PYTHON
UCEAP Quarter Units 6.00
UCEAP Semester Units

4.00

Course Description

Python has rapidly become the standard in scientific computing. It is however much more than that, receiving much excitement about the application of Python to finance, medicine, mobile technology, online gaming, film industry. Its appeal continues to grow in both academia and industry. Much of the advances of medical technology has been due to Python. This is a an intensive Python programming course with numerous medical and health-based applications. Due to the transferability of these skills, students also study examples from investment banking and quantitative finance. The course assumes no prior knowledge of the Python programming language. However, an interest in biomedicine/health is essential.

Language(s) of Instruction
English

Host Institution Course Number
ISSU0069

Host Institution Course Title
SCIENTIFIC COMPUTING IN PYTHON (LEVEL 2)

Host Institution Course Details
https://www.ucl.ac.uk/prospective-students/summer-school/modules/scientific-com...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mathematics

Course Last Reviewed
2025-2026

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