



**University of
Zurich** ^{UZH}

Scientific Programming with Python



Many researchers are using and designing computer algorithms on a daily basis. Therefore they come across questions like

- How can I efficiently test if my code does what it should do?
- How can I improve the performance of my code?
- What are ways to improve the development of code in a collaborative environment?
- How can I efficiently handle my data and perform scientific analysis?
- How can I interface existing code in other languages with Python?

This course gives answers to those and other questions about software engineering tasks for scientists. A thorough knowledge of techniques in scientific programming helps to spend less time coding and more time doing actual research.

All lectures are accompanied by hands-on sessions to try out the discussed methods and techniques.

Location:

Campus Irchel

Date:

8 – 12 July 2024

www.physik.uzh.ch/~python



Deadline: 31 March 2024