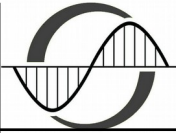




UNIVERSITÀ  
degli STUDI  
di CATANIA



DIPARTIMENTO DI FISICA E ASTRONOMIA

“ETTORE MAJORANA”

DOTTORATO DI RICERCA IN FISICA

CICLO XXXIX A.A. 2023/2024

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## TITLE

An introduction to python and its scientific use

2 CFU

### Teaching staff

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**Reception hours:** -

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### Program of the course:

Language basics (statements, functions, classes, ...)

Using numpy and scipy for scientific computation (linear algebra, signal processing, ...)

The plotting library matplotlib

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### Bibliography:

- "Progammare con Python: Guida Completa", M. Buttu,

LSWR editore

- Slides provided by the teacher