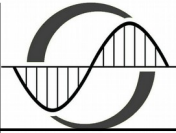




UNIVERSITÀ
degli STUDI
di CATANIA



DIPARTIMENTO DI FISICA E ASTRONOMIA
“ETTORE MAJORANA”

DOTTORATO DI RICERCA IN FISICA
CICLO XLI A.A. 2025/2026

TITLE

An introduction to python and its scientific use

2 CFU

Teaching staff

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Reception hours: (meet upon request)

Program of the course:

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

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

The plotting library matplotlib

Bibliography:

- "Progammare con Python: Guida Completa", M. Buttu, LSWR editore
- Slides provided by the teacher