UNICAM
Università di Camerino
1336

iSAS
international
nterdisciplinary
ntersectoral

School of Advanced Studies

Generata con AI

PhD course **Chemical and Pharmaceutical Sciences and Biotechnology**

Chemistry and AI:
2025

high-throughput and machine learning approaches for the discovery of functional species

April, 11 9-13 ChIP
AI-Powered Chemistry

April, 24 15-17 ChIP
Machine Learning and Data Science.
Mathematical Background

May, 9 14-17 ChIP
Introduction to Python.
Python and Libraries for ML

May, 15 14-18 ChIP
Unsupervised Learning (Part 1)
Supervised Learning

May, 16 14-18 ChIP
Unsupervised Learning (Part 2)
Introduction to Neural Network

May, 22 14-19 ChIP
Neural Network and Deep Learning

May, 23 14-19 ChIP
Bioinformatics applications.
Prediction of chemical-physical properties
of molecules

May, 30 15-19 ChIP
Quantitative structure activity relation ship
and Ligand-target interaction simulation

Total 30 h

Teachers Michele Loreti, Michela Quadrini, Diego Dal Ben
Responsible for the Activity Claudio Pettinari

Remote connection will be possible at the teachers' webex rooms

HR EXCELLENCE IN RESEARCH

SUSTAINABLE DEVELOPMENT GOALS