COURSE DETAIL

DATA-DRIVEN CHEMISTRY
Country United Kingdom - Scotland
Host Institution University of Edinburgh
Program(s) University of Edinburgh
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Chemistry
UCEAP Course Number 114
UCEAP Course Suffix
UCEAP Official Title DATA-DRIVEN CHEMISTRY
UCEAP Transcript Title DATA-DRIVEN CHEM
UCEAP Quarter Units 8.00
UCEAP Semester Units 5.30

Course Description

This course provides an introduction to processing and analyzing chemistry-derived datasets using computer programming. The course comprises of an introduction to the Python scripting language and its applications within chemistry, including topics such as classifying data, performing statistical analyses, 3D visualization, and curve fitting. This workshop-based course is based around chemically-relevant problems.

Language(s) of Instruction
English

Host Institution Course Number
CHEM08031

Host Institution Course Title
DATA-DRIVEN CHEMISTRY

Host Institution Course Details
http://www.drps.ed.ac.uk/24-25/dpt/cxchem08031.htm

Host Institution Campus

Host Institution Faculty
School of Chemistry

Host Institution Degree

Host Institution Department

Course Last Reviewed
2024-2025

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