COURSE DETAIL

BIOLOGY 2A: DATA EXPLORATION IN BIOLOGY
Country United Kingdom - Scotland
Host Institution University of Edinburgh
Program(s) University of Edinburgh
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Biological Sciences
UCEAP Course Number 129
UCEAP Course Suffix
UCEAP Official Title BIOLOGY 2A: DATA EXPLORATION IN BIOLOGY
UCEAP Transcript Title BIO 2A:DATA IN BIO
UCEAP Quarter Units 8.00
UCEAP Semester Units 5.30

Course Description

This course gives students the skills to work with biological datasets to present, summarize, and explore patterns in a wide range of datasets using python, pandas, and seaborn. For each course topic, student apply the concepts they have learned to complex research datasets. Student groups choose a dataset to work with at the start of the course. The course is taught in workshops, with short lectures introducing the topic, and group practice with examples and complex datasets using Jupyter notebooks.

Language(s) of Instruction
English

Host Institution Course Number
BILG08024

Host Institution Course Title
BIOLOGY 2A: DATA EXPLORATION IN BIOLOGY

Host Institution Course Details
http://www.drps.ed.ac.uk/24-25/dpt/cxbilg08024.htm

Host Institution Campus
Edinburgh

Host Institution Faculty
School of Biological Sciences

Host Institution Degree

Host Institution Department

Course Last Reviewed
2024-2025

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