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 Campus
Edinburgh

Host Institution Faculty
School of Biological Sciences

Host Institution Degree

Host Institution Department

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