COURSE DETAIL

ECOLOGICAL AND ENVIRONMENTAL ANALYSIS
Country United Kingdom - Scotland
Host Institution University of Edinburgh
Program(s) University of Edinburgh
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Environmental Studies Earth & Space Sciences
UCEAP Course Number 109
UCEAP Course Suffix
UCEAP Official Title ECOLOGICAL AND ENVIRONMENTAL ANALYSIS
UCEAP Transcript Title ECOL&ENVIRO ANALYS
UCEAP Quarter Units 8.00
UCEAP Semester Units 5.30

Course Description

To understand the way that ecological and environmental systems function, we often look for associations and seek evidence of causality, or the pattern of interaction between components. We may ultimately seek to establish the nature of these relationships that we can make predictions for other systems or of future change. Reaching robust conclusions requires collection of sound data and proper statistical interpretation. This course equips students with an integrated knowledge of data collection and data analysis, for use in dissertation projects and careers beyond. This course considers the formulation of research questions and four broad themes: survey and sampling; relationships between variables; design, analysis, and interpretation of controlled experiments; and dynamic data and the principles of simulation modelling.

Language(s) of Instruction
English

Host Institution Course Number
ECSC08008

Host Institution Course Title
ECOLOGICAL AND ENVIRONMENTAL ANALYSIS

Host Institution Course Details
https://www.ed.ac.uk/global/study-abroad/course/index.php?submitted=yes&showadv...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Ecological Science

Course Last Reviewed

2021-2022

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