COURSE DETAIL

DATA ANALYSIS IN EARTH SCIENCES
Country United Kingdom - Scotland
Host Institution University of St Andrews
Program(s) University of St Andrews
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Earth & Space Sciences
UCEAP Course Number 136
UCEAP Course Suffix
UCEAP Official Title DATA ANALYSIS IN EARTH SCIENCES
UCEAP Transcript Title DATA ANLYS EARTHSCI
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course covers the principles behind, and practical application of, data handling, visualization, and analysis in Earth Sciences. Statistical training includes understanding data types, data presentation and basic descriptive statistics, probability, hypothesis testing using parametric and non-parametric statistics, correlation and regression, and an introduction to numerical methods and modelling.

Language(s) of Instruction
English

Host Institution Course Number
ES3002

Host Institution Course Title
DATA ANALYSIS IN EARTH SCIENCES

Host Institution Course Details
https://www.st-andrews.ac.uk/subjects/modules/catalogue/?meta_semester_sand=1&m...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Earth Sciences

Course Last Reviewed
2024-2025

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