

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

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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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