

COURSE DETAIL

DATA ANALYSIS FOR LIFE AND EARTH SCIENCES

Country

Australia

Host Institution

University of New South Wales

Program(s)

University of New South Wales

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mathematics

UCEAP Course Number

141

UCEAP Course Suffix**UCEAP Official Title**

DATA ANALYSIS FOR LIFE AND EARTH SCIENCES

UCEAP Transcript Title

DATA ONLY: SCIENCES

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course examines core skills in the manipulation, statistical analysis, and communication of data. Using examples from the biological, earth, and environmental sciences and using the R programming language, students will examine the role of statistics in addressing scientific questions with different goals, including determining causes, describing variation, and predicting outcomes.

Language(s) of Instruction

English

Host Institution Course Number

BEES2041

Host Institution Course Title

DATA ANALYSIS FOR LIFE AND EARTH SCIENCES

Host Institution Course Details

[https://www.unsw.edu.au/course-outlines/course-
outline#year=2024&term=Term%201&...](https://www.unsw.edu.au/course-outlines/course-outline#year=2024&term=Term%201&...)

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2023-2024

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