

COURSE DETAIL

DATA ANALYTICS FOR ENVIRONMENTAL MANAGEMENT

Country

United Kingdom - England

Host Institution

University of Manchester

Program(s)

University of Manchester

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Statistics Environmental Studies

UCEAP Course Number

86

UCEAP Course Suffix**UCEAP Official Title**

DATA ANALYTICS FOR ENVIRONMENTAL MANAGEMENT

UCEAP Transcript Title

DATA ANALYTICS/ENV

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

Environmental management professionals frequently require the ability to understand and work with quantitative data. This course unit starts by introducing the practical and ethical implications of working with quantitative data. Following this, content provides grounding in different data sources, exploring varied data types and the processes required before any visualization or analysis can occur. The course then explores different analytical methods that can be used to facilitate interpretation and presentation of outputs related to environmental management professions, including inferential statistics and the foundations of basic computer coding.

Language(s) of Instruction

English

Host Institution Course Number

PLAN26011

Host Institution Course Title

DATA ANALYTICS FOR ENVIRONMENTAL MANAGEMENT

Host Institution Course Details

<https://www.manchester.ac.uk/study/undergraduate/courses/2023/12385/bsc-environ...>

Host Institution Campus

University of Manchester

Host Institution Faculty

Host Institution Degree

Host Institution Department

Chemistry

Course Last Reviewed

2023-2024

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