

# 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 Campus

University of Manchester

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

Chemistry

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