

COURSE DETAIL

BIOMEDICAL SCIENCES 3: OBTAINING, ANALYZING AND EVALUATING DATA

Country

United Kingdom - Scotland

Host Institution

University of Edinburgh

Program(s)

University of Edinburgh

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

106

UCEAP Course Suffix**UCEAP Official Title**

BIOMEDICAL SCIENCES 3: OBTAINING, ANALYZING AND EVALUATING DATA

UCEAP Transcript Title

BIOMED SCIENCE 3

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

This 20-credit single-semester course for visiting students comprises the first semester of a two-semester 40-credit Biomedical Sciences 3 (BMS3) course. Visiting students should be aware that a significant component of BMS3: Obtaining, Analyzing, and Evaluating Data involves statistical data analysis using R programming language building on material from BMS2. The course provides students with a secure grounding in the core skills of understanding scientifically valid experiments, collecting, analyzing, and interpreting data, communicating results, and in being able to critically evaluate primary research papers. Teaching is through a combination of lectures, a practical (wet lab), workshops (dry lab), and tutorials.

Language(s) of Instruction

English

Host Institution Course Number

BIME09009

Host Institution Course Title

BIOMEDICAL SCIENCES 3: OBTAINING, ANALYSING AND EVALUATING DATA

Host Institution Campus

Edinburgh

Host Institution Faculty

Host Institution Degree

Host Institution Department

Biomedical Sciences

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