

# 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 Course Details**

### **Host Institution Campus**

Edinburgh

### **Host Institution Faculty**

### **Host Institution Degree**

### **Host Institution Department**

Biomedical Sciences

### **Course Last Reviewed**

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