



# UCL

## Introduction to EEG for Speech and Language Research

### Term 2

**Module Lead:** Prof Paul Iverson (p.iverson@ucl.ac.uk)

### **Module Description:**

The module will provide a practical introduction to the event-related potential (ERP) technique. The lectures cover basic aspects of the event-related potential technique to investigate sensory, motor and cognitive processes with respect to theoretical and methodological issues in designing, recording, analysing and interpreting EEG data. Advanced techniques on pre-processing and analysis of EEG data will also be introduced. The module is mainly aimed at but not restricted to students studying MSc Language Sciences. The module consists of 10 one-hour lectures typically followed by two-hour workshops focussing on practical exercises on the lecture topics.

### **Assessments:**

Coursework: 90% (3000 words) Coursework

Presentation: 10% (20 minutes) Oral examination