



UCL

Auditory Cognitive Neuroscience

Term 1

Module Lead: Dr Emma Holmes (emma.holmes@ucl.ac.uk)

Module Description:

One of the main ways that people communicate with one another is through speech, which relies on the impressive capacities of the auditory system. This module aims to provide you with a solid foundation in how speech and other sounds are processed along the human auditory pathway. It covers responses related to acoustic properties of sounds (e.g., pitch) and those related to higher-level cognitive factors (e.g., attention) that are critical for perceiving speech in everyday environments (e.g., when background noise is present). It also discusses sources of individual differences among people. The theoretical content is accompanied by lab sessions that provide practical experience analysing real neuroscientific datasets and interpreting the results.

Assessments:

Coursework: 100% (3000 words) Coursework