

Animal Sensory Systems, Neurobiology and Behaviour

School of Biosciences

College of Life and Environmental Sciences

Details

Code 22654

Level of study Second Year

Credit value 20

Semester 2

Module description

Neuroethology is the evolutionary and comparative approach to the study of animal behavior and its underlying mechanistic control by the nervous system. This interdisciplinary branch of neuroscience endeavors to understand how the central nervous system translates biologically relevant information into natural behavior. Neuroethology is a multidisciplinary field composed of neurobiology (the study of sensory systems and the nervous system) and ethology (the study of behavior in natural conditions). A central theme of the field of neuroethology, delineating it from other branches of neuroscience, is the focus on natural behaviour, i.e. those behaviours generated through means of natural selection.

Teaching and learning methods

lectures, tutorials, and practicals