

COURSE DETAIL

SOCIAL NEUROSCIENCE OF ANIMAL MODEL SYSTEMS

Country

United Kingdom - England

Host Institution

University College London

Program(s)

University College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

164

UCEAP Course Suffix**UCEAP Official Title**

SOCIAL NEUROSCIENCE OF ANIMAL MODEL SYSTEMS

UCEAP Transcript Title

SOC NEUROSCI/ANIMAL

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

The course provides an in-depth introduction to the neurobiology of social behavior with a focus on model systems. Following a refresher on the general principles of what it means to be social, why it is useful, and how social drives lead to specific behaviors, the topics covered include a description of different animal models used to examine social behavior from invertebrates up to mammals. Emphasis is placed on understanding the brain areas and circuits involved, including the effects that key players, such as specific genes, environmental situations, neurotransmitters, and peptides, have on the circuits underlying social behavior. Finally, the course gives an overview of both well-established and novel assays used to measure different social behaviors.

Language(s) of Instruction

English

Host Institution Course Number

BIOS0029

Host Institution Course Title

SOCIAL NEUROSCIENCE OF ANIMAL MODEL SYSTEMS

Host Institution Course Details

<https://www.ucl.ac.uk/module-catalogue/modules/social-neuroscience-of-animal-mo...>

Host Institution Campus

University College London

Host Institution Faculty

Host Institution Degree

Host Institution Department

Biosciences

Course Last Reviewed

2022-2023

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