

COURSE DETAIL

COGNITIVE NEUROSCIENCE OF MUSIC AND LANGUAGE

Country

Denmark

Host Institution

Aarhus University

Program(s)

Aarhus University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Psychology

UCEAP Course Number

108

UCEAP Course Suffix**UCEAP Official Title**

COGNITIVE NEUROSCIENCE OF MUSIC AND LANGUAGE

UCEAP Transcript Title

COG NEUROSCI/MUSIC

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

Music and language are culturally ubiquitous forms of auditory-motor communication that share many structural features but also differ along several key dimensions. This course addresses the extent to which human processing and production of music and language relies on shared versus distinct mechanisms, at the levels of brain and behavior. Specifically, it reviews basic structural similarities and differences between music and language, and introduces state-of-the-art research providing insight into how these structures are processed at the levels of brain and behavior. The course discusses basic cognitive neuroscience literature on music and language perception and production and provides opportunities to critically evaluate and engage with scientific literature. Moreover, students develop testable hypotheses regarding mechanisms of music and language processing, and generate practical experimental designs to test their hypotheses.

Language(s) of Instruction

English

Host Institution Course Number

147231U001

Host Institution Course Title

COGNITIVE NEUROSCIENCE OF MUSIC AND LANGUAGE

Host Institution Course Details

<https://kursuskatalog.au.dk/en/course/127767/Cognitive-neuroscience-of-music-an...>

Host Institution Campus

Aarhus

Host Institution Faculty

Arts

Host Institution Degree

Bachelor

Host Institution Department

School of Communication and Culture

Course Last Reviewed

2024-2025

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