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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