COURSE DETAIL

STRUCTURAL AND FUNCTIONAL NEUROIMAGING
Country Italy
Host Institution University of Padua
Program(s) Psychology and Cognitive Science, Padua
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Psychology
UCEAP Course Number 162
UCEAP Course Suffix
UCEAP Official Title STRUCTURAL AND FUNCTIONAL NEUROIMAGING
UCEAP Transcript Title NEUROIMAGING
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description

This course offers a study of neuroimaging. The course explores topics including basic methodological notions for the use of neuroimaging techniques as a tool to explore structure and function of the brain; structural techniques such as computational morphometry, diffusion (DTI) and tractography; and functional techniques such as functional magnetic resonance (fMRI), basics of magnetic resonance spectroscopy, and positron emission tomography (PET). The course requires adequate knowledge of brain anatomy and recommends knowledge of the basic concepts of inferential statistics as prerequisites.

Language(s) of Instruction
English

Host Institution Course Number
PSP8082603

Host Institution Course Title
STRUCTURAL AND FUNCTIONAL NEUROIMAGING

Host Institution Course Details
https://en.didattica.unipd.it/off/2021/LM/PS/PS1091/000ZZ/PSP8082603/N0

Host Institution Campus

Host Institution Faculty
Psychology

Host Institution Degree
Second Cycle Degree in Neuroscience and Neuropsychological Rehabilitation

Host Institution Department

Course Last Reviewed
2021-2022

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