

Brain and Cognition Research in the 21st Century

Course title: **Brain and Cognition Research in the 21st Century**

Course number: **27-613-01**

Lecturer: **Dr. Vadim Axelrod**

Hours: 2 h/w

Semester: 2

Course goals

The course will provide students with theoretical knowledge on advanced topics in brain and cognition research (Cognitive Neuroscience)

Course content:

The course is comprised of a series of frontal lectures on the following topics:

- History of Cognitive Neuroscience
- Review of human research methodologies
- Main principles and mechanisms of the brain function (e.g. localization)
- External (sensory) information processing will be discussed on an example of face processing
- Internal and spontaneous information processing

Course requirements

Prerequisites: none

Requirements:

Active participation in the classes

Submitting a written course work

Final grade:

50% - active participation in the classes

50% - written course work

Bibliography:

No required reading material

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