

UNIVERSITY OF BELGRADE
FACULTY OF MEDICINE
PhD STUDIES

NAME OF THE MODULE: COGNITIVE NEUROSCIENCE

REQUIREMENTS FOR THE ENROLMENT IN THIS STUDY PROGRAM

Specific requirements:

This Study Program can be enrolled by:

- A person with completed integrated academic studies of medicine who obtained 360 ECTS credits; OR
- A person with acquired a bachelor's and master's degree at the Faculty of Philosophy - Department of Psychology, who obtained at least 300 ECTS credits; OR
- A person with acquired a bachelor's and master's degree at the Faculty of Biology who obtained at least 300 ECTS credits

General requirements:

- A grade point average (GPA) of eight or above
- Ability to communicate in English and follow scientific literature
- Appropriate computer skills
- Letters of Recommendation that demonstrate competencies for engaging in scientific work are welcomed

ADVISORY BOARD

Professor Elka Stefanova MD, Ph.D
Professor Aleksandar Maliković MD, Ph.D
Professor Olivera Stanojlović MD, Ph.D
Professor Nataša Dragašević Mišković MD, Ph.D

LIST OF MANDATORY COURSES

1. Scientific Research Methodology
2. Informatics
3. Statistical Methods in Medical Research (basic course)
4. Research Ethics

5. Contemporary theoretical foundations of cognitive neuroscience
6. Cognitive neurophysiology
7. Neuroanatomy of cognition

LIST OF ELECTIVE COURSES

1. Behavioral physiology
2. EEG in cognitive neuroscience
3. Cognition and sleep
4. Introduction to the subsequent analysis of MR images of the central nervous system
5. Neuropharmacology of cognitive disorders
6. Prefrontal cortex
7. Visual system