BASIC DISCIPLINES

- Functional anatomy of the CNS;
- Physiology of cognitive processes;
- The development of neurocognitive functions in childhood;
- Neurodiagnostic;
- Neurorehabilitation;
- Experimental methods in neuroscience;
- Statistical methods in psychology;
- Computational neuroscience;
- An introduction to neuroeconomics and behavioral economics.

PROGRAM INFORMATION

Form of education: full-time
Duration of study: 2 years
Preliminary examination: computer assessment
Number of students:
3 students without payment, acceptance of documents until August 4, 2020
10 students with payment for program, acceptance of documents until October 26, 2020
Cost of program: from 143,000 rubles for Russians and from 195,000 rubles for foreigners
Dormitory space is provided.

PARTNERS

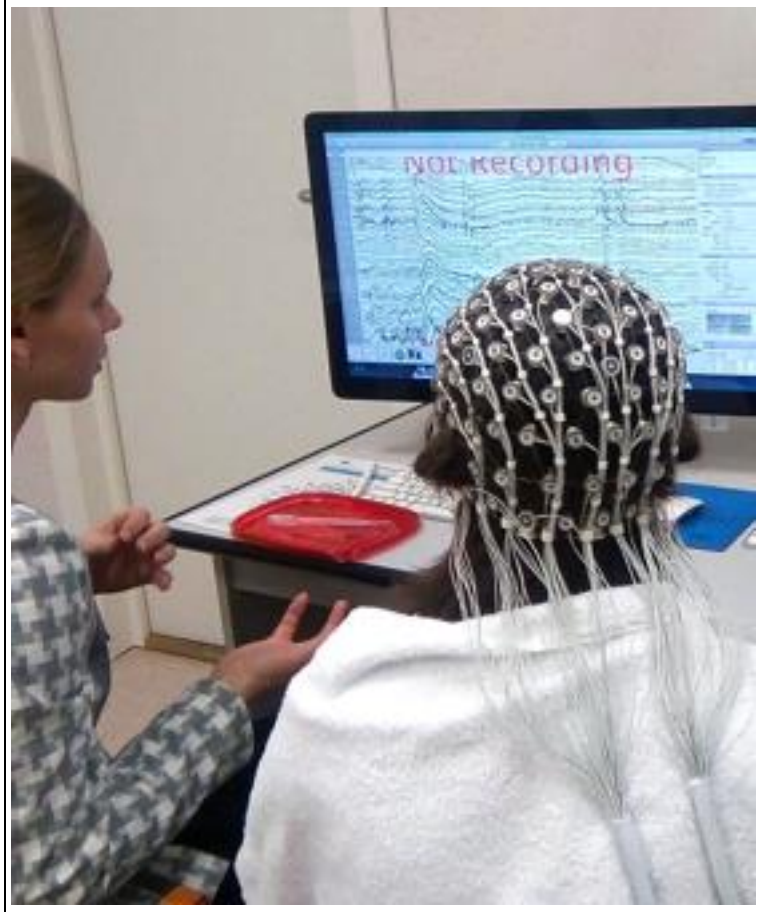
Birkbeck UNIVERSITY OF LONDON · UMC Utrecht · UC San Diego · Eberhard Karls Universität Tübingen · НЕЙРОНЕТ · Uppsala Universitet · Сириус Образовательный центр · Лаборатория

Contact us:

Academic supervisor
KISELEV SERGEY YURYEVICH
E-mail: s.j.kiselev@urfu.ru
Тел.: +7-922-216-78-23

Program coordinator
KLIMENSKIKH MARINA VLADIMIROVNA
E-mail: marina.klimenskikh@urfu.ru
Тел.: +7-909-001-07-07

More about the program:



PSYCHOLOGY
MASTER PROGRAM
«COGNITIVE NEUROSCIENCE»

ABOUT THE PROGRAM

The MA program "Cognitive Neuroscience" aims to educate **highly qualified specialists** in the field of brain study. It has been attracting students and researchers from all over the world for 5 years. The program will suit beginners and professionals with the aim of improving their skills, mastering practical knowledge in the fields of cognitive neuroscience, neuropsychological assessment and rehabilitation, as well as learning about state-of-the art and innovative methods in brain and cognitive research.

WHERE GRADUATES WORK

Successful mastering of this master program will allow graduates to perform professional activities as

- researchers in research centers,
- teachers in educational institutions,
- practitioners in neurorehabilitation and correctional-educational centers.

«A typical neuron makes about ten thousand connections to neighboring neurons. Given the billions of neurons, this means there are as many connections in a single cubic centimeter of brain tissue as there are stars in the Milky Way galaxy.»
David Eagleman, neuroscientist

RESEARCH OPPURTUNITIES

The Laboratory of Brain and Neurocognitive development

- Longitudinal interdisciplinary studies of preschool and primary school children in the framework of typical and atypical development (autism, ADHD);
- Study of the influence of environmental factors on the neurocognitive development of children;
- Cross-cultural studies of the influence of parent-child interaction on the development of the psyche and behavior of children (with the participation of research centers in China, Vietnam, Brazil).

The Laboratory of neurotechnology

- Study of the bounds of human cognitive abilities in the framework of the phenomenon of cognitive overload;
- Research and identification of EEG markers of high productivity working memory;
- Development of computer methods for neuropsychological diagnostics (using virtual and augmented reality);
- Hybrid simulation of the response by EEG and oculomotor markers of the attention state during audio-visual stimulation.

Ural NeuroNet Center (UNNC)
Consolidates more than 15 research centers and laboratories in universities in the Urals region.

GRADUATES' REVIEWS

Ammar Basheer, Sri Lanka
«The course is presented by experts in their respective fields and the laboratory is equipped with cutting edge technology for students to use for their research».

Li Zijun, China
«There are magnificent lessons about neuroscience, cognitive development, communication, emotion, decision-making in our program. It is also the great opportunity for me to know about developmental psychology deeper and to work with infants».

Majdoleen Azaim, Palestine
«The program covers such topics like memory, motivation and decision-making, how people are influenced by the attitudes and actions of others, treatment of mental human development. We also have amazing professional lecturers with high degrees. Thank you for this amazing program».