



MSC COGNITIVE SCIENCE PROGRAMME

EÖTVÖS LORÁND UNIVERSITY
Faculty of Education and Psychology
Institute of Psychology



The Institute of Psychology of the Faculty of Education and Psychology, Eötvös Loránd University is situated in the heart of Budapest and is one of the main institutions of Hungarian psychological education and research.

The number of our lecturers exceeds 100 and we maintain good professional relations with more than 50 organizations which offer internship possibilities to our students. We lay special emphasis on research and development projects, where international cooperation and the collaboration of our students are both priorities.

**STUDY
PERIOD**
4 semesters

ADMISSION OFFICE cogsci@ppk.elte.hu

FOR THE COMPLETE SET OF PROGRAMME REQUIREMENTS VISIT WEBSITE
<http://www.ppk.elte.hu/en>

Cognitive Science is an interdisciplinary Masters Programme involving different scientific fields of natural sciences, technological sciences, and humanities as well. The focus of investigations is on the phenomena of cognition – perception, attention, memory, reasoning, thinking, and behaviour – from an interdisciplinary perspective. The programme offers a timely approach to answer the deep philosophical question of what is human cognition – ‘Who we are, and what kind of capabilities make us human’, with the help of modern scientific methods, like model building and sophisticated monitoring techniques.

AIM

AREAS OF COMPETENCIES PROVIDED IN OUR TRAINING

Graduates of the programme can

- pursue an academic career (Ph.D. program) in cognitive science or in one of the related disciplines
- work in applied research such as the IT-sector (interaction design, usability, knowledge management, etc.), education, and biomedical and clinical research, economy.
- work in highly interdisciplinary area, bringing experience in mediating between disciplines.

RESEARCH GROUPS AND WORKSHOPS

- Social Minds Research Group
- Family Dog Project
- Comparative Behavioural Research Group
- Cognitive Neuroscience I. and Space Research Group
- Research Workshop on Speech perception, Reading development, and Number Concept

TEACHERS

PROGRAMME LEADER

- **Ildikó Király**
PhD, dr. habil
Cognitive development, social cognition
- **István Czigler**
PhD, DSc, dr. habil
Sensory memory, attention, aging, human psychophysiology
- **Ferenc Honbolygó**
PhD
Cognitive neuroscience of auditory and speech perception
- **György Kampis**
CSc, DSc, dr. habil
Computational science, cognitive science, complex systems
- **Ádám Miklósi**
CSc, DSc, dr. habil
Ethological perspective of dog-human relationship, etho-robotics
- **Katalin Egyed**
PhD
Cognitive development, social cognition, social development
- **Márk Molnár**
PhD, DSc, dr. habil
Psychophysiology, electroencephalogram research (EEG)
- **Anett Ragó**
PhD
Semantic memory, knowledge organisation, developmental electrophysiology
- **Gábor Kutrovátz**
PhD
History of philosophy of science, epistemology, the boundaries of science

- **Attila Krajcsi**
PhD
Numerical cognition, data analysis
- **Ádám Takács**
PhD
ADHD, developmental neuropsychology
- **Judit Szalai**
PhD
Psychology of philosophy
- **Zoltán Nádasdy**
PhD
Neural coding, neural correlates of visual perception, visual informatics
- **József Topál**
CSc, DSc
Parallels between the social and cognitive skills of infants and dogs
- **Zsófia Zvolenszky**
PhD, dr. habil
Philosophy of language, formal semantics, metaphysics
- **László Gulyás**
PhD
Agent-based modelling and multi-agent systems
- **Zoltán Jakab**
PhD
Philosophy of mind, colour vision, conceptual development
- **Péter Bodor**
Ph.D., dr.habil
Sociology of knowledge