

# Online Course Catalogue



EÖTVÖS LORÁND  
UNIVERSITY | BUDAPEST

## Course Title

## Study Field

## University

**The Non-Verbal Brain**

**Arts and Humanities**

**Eötvös Loránd University**

CHARM  
priority field

Transversal  
Skills

Course code

Faculty or department

Faculty of Education and  
Psychology, Institute of  
Psychology, Affective  
Psychology Department

Study Level:  
BA/BSc

Number of credit points:

4.0

Name of instructor(s):

Renáta Cserjési, Michelle  
Fitos, Raissa Negrao, Soma  
Zsebi, Kinga Pete, Zsuzsanna  
Geréb

## Short description of the course

The "Non-Verbal Brain" course is an immersive journey into the realm of non-verbal cognition, delving deep into various aspects of human experience beyond language. Participants will explore the intricacies of the non-verbal mind, examining topics ranging from internal and external imagery to sensory modalities, cognition, and the profound impact of non-verbal processing on human psychology.

## Full description of the course

[https://docs.google.com/document/d/12qhLI0Bri40Z3u10lh7AvR9t2OF9wpOQh\\_jfT96N-jA/edit?usp=sharing](https://docs.google.com/document/d/12qhLI0Bri40Z3u10lh7AvR9t2OF9wpOQh_jfT96N-jA/edit?usp=sharing)

## Learning outcomes

At the end of the course, students will be able to: describe the mechanisms through which visual imagery is formed and processed, and how such imagery is useful in a therapeutic context enumerate and briefly describe components of implicit cognition discuss various altered states of consciousness, how these are created in the brain/mind, their connections to

psychopathology, and their therapeutic potential describe the developmental stages preceding verbal communication (amodal perception) List and briefly describe the 4 Es of embodied cognition List methods of neuromodulation and their clinical applications Describe interruptions in non-verbal processing and their impact on mental health Discuss how movement affects mental health and cognition Enumerate different sensory modalities and their effects on cognition and emotion Discuss neuroaesthetics and the effect that perception of art has on the brain/mind Discuss the effect of tactile experiences and sensorimotor integration on cognitive functions

## Additional information

Course requirements

**Not official pre-requirement. However it is advised to students interested in the fields of psychology, neuroscience, psychotherapy, education, and art, or anyone who is curious about the intricacies of the non-verbal mind**

Language of instruction **English**

Start date of course: **2/26/2024**

End date of course: **5/20/2024**

Contact hours per week for the student: **1.5 hours per week**

Time zone

**CET (Spain, France, Germany, Netherlands, Hungary, Norway)**

Mode of delivery:

**fully online (all students participating online), at specific time (= synchronous)**

Planned educational activities and teaching methods

**lectures, videos, readings, and group discussion boards**

Learning Management System

**Canvas and Teams**

Assessment methods

**written exam**

certification

**Transcript of records**

Specific regular  
weekly teaching day/  
time

**On Tuesdays at 14h**

Course literature (compulsory or recommended):

**Bundy, A. C., & Lane, S. J. (2019). Sensory integration: Theory and practice. F.A. Davis Company. Damasio, A. (2005). Descartes' error: Emotion, reason, and the human brain. Penguin Damasio, A. R. (2012). Self comes to mind: Constructing the conscious brain. Arrow. Gazzaniga, M., Ivry, R., & Mangun, G.(2018). Cognitive neuroscience: Fifth international student edition. W.W. Norton & Company. Kolb, B., & Whishaw, I. Q. (2021). Fundamentals of human neuropsychology. Worth. Maurette, P. (2018). The forgotten sense: Meditations on touch. University of Chicago Press. Zeki, S. (1999). Inner vision: An exploration of art and the brain. Oxford University Press, USA.**

Number of places available for CHARM students

**30**

Contact mail address for further information about  
this course

**[emind.elte@gmail.com](mailto:emind.elte@gmail.com)**