SUBJECT DATASHEET

Introduction to Cognitive Science

BMETE47MN24

I. SUBJECT DESCRIPTION

1. SUBJECT DATA

Subject name
Introduction to Cognitive Science

ID (subject code)	BMETE47MN24

Type of subject
contact lessons

Course types and lessons

Type	*Lessons*
Lecture	2
Practice	0
Laboratory	0

Type of assessment
mid - term grade

Number of credits
2

Subject Coordinator

Name	*Position*	*Contact details*
Dr. Pajkossy Péter	assistant professor	pajkossy.peter@ttk.bme.hu

Educational organisational unit for the subject
External department

Subject website
http://cogsci.bme.hu/~ktkuser/KURZUSOK/BMETE47MN24/

Language of the subject
magyar, angol - HU, EN

Curricular role of the subject, recommended number of terms
Programme: **Psychology Master's Programme - Cognitive psychology specialisation from 2020/21/Term 1**
Subject Role: **Compulsory**
Recommended semester: **1**

Direct prerequisites

Strong	None
Weak	None
Parallel	None
Exclusion	None

Validity of the Subject Description
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2. OBJECTIVES AND LEARNING OUTCOMES

Objectives

The aim of the course is to provide an introduction to the various fields of cognitive science, through the current research of the lecturers of the Department of Cognitive Science, and to acquaint the students with the research carried out in the department.

Academic results

Knowledge

1. The student knows and adequately uses the most important concepts used in cognitive science, knows the most important models and theories of the topic.

Skills

1. Can understand the most important explanatory theories and models of cognitive processes and func-tions.
2. Ability to communicate in a professionally adequate manner, orally and in writing, about the most important, current results of cognitive research.

Attitude

1. Open to expanding knowledge related to his/her field.
2. Open and motivated to apply the acquired knowledge.
3. Collaborates with the instructor and fellow students to expand knowledge.

Independence and responsibility

1. Expect and utilize new knowledge.
2. Actively participates in the process of acquiring knowledge.
3. Solves tasks (individually and / or in groups) responsibly and independently.
4. Use a systems approach in your thinking.

Teaching methodology

Lectures.

Materials supporting learning

- Csépe Valéria, Győri Miklós, Ragó Anett (szerk) (2008): Általános pszichológia 1-2-3. Osiris, Budapest.

II. SUBJECT REQUIREMENTS

TESTING AND ASSESSMENT OF LEARNING PERFORMANCE

General Rules

The learning outcomes set out in point 2.2 are assessed on the basis of an individual project task.

Performance assessment methods

Individual / project task. Students choose a topic that interests them from the knowledge they have heard in the lectures. We expect a thorough literature search on this topic, which students should summarize in a minimum 5-page paper.

Percentage of performance assessments, conducted during the study period, within the rating

- **Individual project task**: 100%

Percentage of exam elements within the rating

Conditions for obtaining a signature, validity of the signature

Issuing grades

Excellent	> 95
Very good	86–95
Good	75–85
Satisfactory	65–74
Pass	50–64
Fail	< 50

Retake and late completion

We use the regulations in accordance with the TVSZ.

Coursework required for the completion of the subject

22

13

25

60

Approval and validity of subject requirements

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III. COURSE CURRICULUM

THEMATIC UNITS AND FURTHER DETAILS

Topics covered during the term

To achieve the learning outcomes set out in section 2.2, the course consists of the following thematic blocks. In the descriptions of the courses announced in each semester, these topics are scheduled according to the calendar and other features.

1 What do our eyes show? Pupil size, information processing, behavior organization.
2 Adaptation and after-effects in the visual system.
3 Execution of intentions - prospective memory.
4 Neurocognitive processes of human face perception, face recognition disorders.
5 Development and different forms of skill learning
6 Novelty and surprise in cognitive neuroscience
7 A Continuity Approach to the Schizophrenia Spectrum.
8 Development of pragmatic knowledge in childhood
9 Everyday memory
10 Recalling and forgetting
11 -

Additional lecturers

Approval and validity of subject requirements

The subject data sheet I. and II. beyond Part III. shall be approved by the head of the Department of Cognitive Science indicated in point 1.8 in consultation with the specialist (s) of the relevant field (s).