SUBJECT DATASHEET

Laboratory work I.

BMETE47MN31

I. SUBJECT DESCRIPTION

1. SUBJECT DATA

Subject name
Laboratory work I.

ID (subject code)	BMETE47MN31

Type of subject
contact lessons

Course types and lessons

Type	*Lessons*
Lecture	0
Practice	6
Laboratory	0

Type of assessment
mid term grade

Number of credits
7

Subject Coordinator

Name	*Position*	*Contact details*
Dr. Szőllősi Ágnes	assistant professor	szollosi.agnes@ttk.bme.hu

Educational organisational unit for the subject
External department

Subject website
http://cogsci.bme.hu/~ktkuser/KURZUSOK/BMETE47MN31/

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: **2**

Direct prerequisites

Strong	None
Weak	None
Parallel	None
Exclusion	None

Validity of the Subject Description
-

2. OBJECTIVES AND LEARNING OUTCOMES

Objectives

Aim of the course: The aim of the exercise is to provide a skill-level introduction to the currently used human experimental psychological paradigms, methods, and related software. At the beginning of the semester, stu-dents learn programming (in block form) to run experiments. The course is then organized around three major topics: (1) behavioral block: psycholinguistics and memory; (2) electrophysiology; (3) eye movement registration.

Academic results

Knowledge

1. The student knows the most important paradigms and methods used in experimental psychology.
2. Is aware of the most important principles and concepts of the research methodology of experimental psychology.

Skills

1. The student is able to use tools common in experimental psychology.
2. Is able to communicate in a professionally adequate way, orally and in writing about the most important paradigms and methods of experimental psychology.

Attitude

1. Open to expanding knowledge related to your field.
2. Open and motivated to apply the acquired knowledge.
3. Collaborates with the lecturer 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 individual and group tasks responsibly and independently.
4. Use a systems approach in his/her thinking.

Teaching methodology

Practice.

Materials supporting learning

- Pléh Csaba és Lukács Ágnes (2014) (szerk.) Pszicholingvisztika. 1-2. Magyar pszicholingvisztikai kézikönyv. Budapest: Akadémiai.
- Harley, T. (2001): The psychology of language. Psychology Press.
- Baddeley, A., Eysenck, M. W., & Anderson, M. C. (2009). Memory. Taylor & Francis Ltd. (fordította: Racs-mány M. 2010, Akadémiai Kiadó. Magyar cím: Emlékezet)
- Holmqvist, Kenneth; Nyström, Marcus; Andersson, Richard; Dewhurst, Richard; Jarodzka, Halszka; van de Weijer, Joost (2011) Eye tracking. Oxford University Press.

II. SUBJECT REQUIREMENTS

TESTING AND ASSESSMENT OF LEARNING PERFORMANCE

General Rules

Evaluation of the learning outcomes formulated in point 2.2 on an exam (programming), based on project tasks.

Performance assessment methods

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

- **1st project work: preparation of research plan**: 33%
- **2nd project work: preparation of research paper on an empirical work**: 34%
- **total**: 67%

Percentage of exam elements within the rating

- **Exam**: 33%

Conditions for obtaining a signature, validity of the signature

Issuing grades

Excellent	> 95
Very good	>, = 90
Good	>, = 80
Satisfactory	>, = 70
Pass	>, = 60
Fail	

Retake and late completion

We use the regulations in accordance with the TVSZ. The exam can be replaced during the exam period.

Coursework required for the completion of the subject

70

70

60

10

210

Approval and validity of subject requirements

-

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 Programming

2 Language

3 Memory

4 Electrophysiology

5 Eye movement tracking

6 Project task (empirical work)

Additional lecturers

Dr. Babarczy Anna

Dr. Lukács Ágnes

Dr. Pajkossy Péter

Dr. Zimmer Márta

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).