SYLLABUS

1. Course title:

Biopsychology II

2. Code:

3. Cycle of study:

1

4. ECTS credits:

4

5. Type of course:

(●) Mandatory ( ) Elective

6. Prerequisites:

Passed final exam in the Biopsychology I course

7. Class restrictions:

First year students of the Psychology department

8. Duration / semester:

1 2

9. Weekly contact hours:

9.1. Lectures:	2
9.2. Seminars:	0
9.3. Laboratory/Practice classes:	1

10. Faculty:

Faculty of Humanities and Social Sciences

11. Department/study program:

Psychology

12. Lecturer:

13. Lecturer's e-mail:

14. Web site:

www.ff.untz.ba

15. Course aims:

Understanding of the biological fundamentals of psychological processes and behavior, as well as introduction to nervous system functioning in the context of biological and psychological processes. Understanding the biological fundamentals on mechanisms which connect the endocrine system with manifest outcomes, understanding the biological fundamentals of waking and sleeping, learning, memory, language, as well as disorders of these processes.

16. Learning outcomes:

Successful students, who have continuously executed their obligation during the course, will bi able to fully understand the biological foundations of psychological processes and behavior.

17. Course content:

Endocrine system: The role of endocrine system in the organism.
Eating regulation. Set – point assumption and positive incentive theory.
Sleeping, waking and circadian rhythms: Biological rhythms. Neural mechanisms of cyclic sleeping – waking changes. Sleep phases and their characteristics. Theories of sleep. Sleep disorders.
Language – neurophysiological fundamentals of understanding and language production, speech disorders. Attention: selective attention, change blindness. Learning, memory, amnesia – neuroplasticity.
Emotions: Pheripheral physiological correlates of emotions.
Biopsychology of stress and illness

18. Learning methods:

Course content is realized through following:
-Lectures
- Practice classes
In the realization of lectures and practice classes the following teaching methods are used: oral presentation, dialogue method, demonstration and illustration, writing and reading.
The following instruction forms will be used: frontal, group, pair and individual assignments.
The following learning forms will be used: experience, organizational and self-regulated learning.

19. Assessment methods:

Knowledge assessment will be carried through:

-Written parts of the exam (two times during the semester)
-Written/oral exam

Written exams will be conducted during the semester (in the middle of and at the end of the semester). Questions in the written exam part can be in the form of essay and objective tests. Achievement on the written exams is a part of the student's performance assessment. during the semester
Knowledge assessment is carried out in the final, retake and final retake exam in the written and oral form. The final exam can be taken by students who have finished and verified their semester and finished all pre-exam tasks during the semester (written exam parts and other pre-exam activities).

20. Assessment components:

- lectures attendance 5 points
- practice class attendance 5 points
- individual class activities 20 points
- written exam parts 20 (10+10) points

Maximum amount of points before the final exam 50 points

- final exam 50 points.

Maximum amount of points: 100. The final grade is formed in respect to the following scale:
54-62 points grade six (6)
63-72 points grade seven (7)
73-82 points grade eight (8)
83-92 points grade nine (9)
93-100 points grade ten (10)

21. Required reading list:

Pinel, J.P (2002). Biološka psihologija. Naklada Slap, Jastrebarsko.
Tadinac, M. i Hromatko, I. (2006). Uvod u biološke osnove doživljavanja i ponašanja. FF Press, Zagreb.
Breedlove, S.M., Rosenzweig, M.R., Watson, N.V. (2007). Biological psychology: an introduction to behavioral, cognitive and clinical neuroscience. Sinauer Associates Inc, Sunderland

22. Web sources:

www.biopsychology.com

23. Applicable starting from the academic year:

2022/2023

24. Adopted in the Faculty/Academy session:

(max. 10 char.)