COURSE INFORMATION FORM	
Faculty / Institute	Faculty of Science and Literature
Department	Psychology
Course Code	PSİ 322
Course title	Biological Psychology
Instructional Language	English
Programs that can take the course	Psychology
Course Type	Must
Course Level	Undergraduate
ECTS Credit	6
Prerequisites	PSİ 104 - Introduction to Psychology II
Course Content	This course will cover how to explain the physiological, genetic, and developmental mechanisms of human behavior and non-human animals' behavior using the principles of biology, especially neurobiology. The nervous system, neurotransmitters and brain circuits that underlie normal and abnormal behaviors will be taught.
The Aim of the Course	The aim of this course is to provide basic information about the nervous system, to develop an understanding of the structure of the brain and to introduce research methods used in this field.
Course Outcomes	Students understand the biological backgrounds of behavior and gain knowledge of the basic theories and research on the functioning of the nervous system. They also learn research methods and tools used in this field.
Textbook and / or References	Mesulam, M. (2000). *Principles of behavioral and cognitive neurology* (2nd ed.). Oxford University Press Kalat, J. (2012). *Biological Psychology* (11th ed.). Cengage Learning.

Evaluation Criteria	Percentage
Attendance	-
Lab	-
Application	-
Field Study	-
Homework	-
Presentations	-
Projects	-
Seminar	-
Midterm Exams	20%

Quiz	50%
Final	30%
Total	100%

Course Plan	Subjects to Be Discussed
1. Week	Anatomy of the nervous system
2. Week	Anatomy of the nervous system
3. Week	Neurons and synapses
4. Week	Receptors, neurotransmitters, neuromodulators
5. Week	Development of the nervous system
6. Week	Vision and chemical senses.
7. Week	Internal regulation and sleep.
8. Week	Biology of learning and memory
9. Week	Basal ganglia: Attention and action selection
10. Week	Biology of emotional
11. Week	Heritability of individual differences in cognition, and personality
12. Week	-