

TITLES	EXPLANATIONS
<b>Title of Course</b>	General Biology
<b>Code of Course</b>	PSK 106
<b>Type of Course</b>	Compulsory
<b>Level of Course</b>	Undergraduate
<b>Year of Study</b>	1
<b>Semester/Trimester</b>	2
<b>Number of ECTS</b>	5
<b>Name of Lecturer(s)</b>	Assistant Professor Aslihan Örs Gevrekci
<b>Course Learning Outcomes</b>	At the end of this course students are able to; LO1. Learn about the basic building blocks of human biology. LO2. Develop basic skills to analyze the biological foundations of behavior. LO3. Follow the general methods of biology-based research, the ethical principles and stages of application. LO4. Decipher the effects of different biological systems (nervous system, muscular system, endocrine system, immune system, etc.) on human emotions and behavior.
<b>Mode of Delivery</b>	The style of teaching is face-to-face interaction.
<b>Prerequisites and Co-requisites</b>	There is no prerequisite or co-requisite for this course.
<b>Recommended Optional Programme Component</b>	None
<b>Course Contents</b>	1. Getting Acquainted, the Nature and Methods of Biological Science 2. Chemistry of Life 3. The Structure of the Cell 4. Genetic Material, Gene, Cell Cycle 5. Heredity, Mendel Genetics 6. Human Genetics, Cancer 7. Evolution 8. Tissue, Organ, Biological Systems 9. Biological Systems (continued) 10. Nervous System : Neuron, Neural Interactions 11. Neuroanatomy of the Brain 12. Development of the Nervous System 13. Motor System and Movement 14. General Evaluation
<b>Recommended or Required Reading</b>	(Primary Textbook) Barnes, J. (2013). <i>Essential Biological Psychology</i> . SAGE (Suggested Reference) Mader, S.S. ve Windelspecht, M. (2011). <i>Human biology</i> . Boston: McGraw Hil. * The primary textbook for this course is renewed every year.
<b>Planned Learning Activities and Teaching Methods</b>	This course is conducted through discussions on the material presented in class and over the compulsory reading material. With this aim in mind, (a) regular lectures supported by visual presentations and (b) class discussions are used. These class discussions are designed in such a way to help students see the effect of biological parameters on human behavior.
<b>Assessment Methods and Criteria</b>	1 Midterm, 5 Quizzes, 1 Final Exam
<b>Language of Instruction</b>	Turkish
<b>Practicum</b>	None

<b>Program Outcomes</b>	<b>Course Learning Outcomes</b>			
	LO1	LO2	LO3	LO4
Analyze problems with the scientific method and appropriate scientific tools.				X
Think critically and creatively, ask questions, make comments using the knowledge and skills they have acquired.		X		X
Develop a positive attitude toward life-long education.	X	X		X
Use the library, scientific databases, internet and other sources effectively.				
Have the skills to find out, analyze, evaluate, decide about, and apply the alternative solutions to problems.		X		X
Be open-minded to use knowledge stemming from different disciplines and/or areas of psychology.	X	X	X	X
Develop a positive attitude toward critical thinking.				
Have advanced theoretical and applied knowledge of psychology supported by contemporary course material.				
Have the necessary knowledge and skills to analyze and synthesize the main areas of psychology.		X		
Be competent in English and Turkish.				
Use effective methods to present, share and discuss scientific information.				
Be able to write scientific papers by using international manuals such as APA.				
Show courage and use the necessary skills to propose solutions to the problems of the world they live in.				
Show courage and have necessary skills to propose solutions to the problems of their own life.				
Have a positive attitude to statistics and be able to use common statistical software packages.				
Be able to plan and conduct research independently.				
Apply qualitative and/or quantitative methods depending on the nature and the scope of a given problem.			X	
Know the research methods and statistical procedures used in behavioral sciences.				
Use tools such as questionnaires, inventories, scales, and tests.				
Apply psychological knowledge to other problem areas for community welfare.			X	
Use theoretical and applied knowledge in accordance with ethical standards.				