

Physiological Psychology

E-314-LISA



Year	2
Semester	Spring
Type of course	Core
Prerequisites	Biology and Behaviour
Schedule	4 hours per week for 12 weeks; 6 ECTS
Lecturer	Brynja Björk Magnúsdóttir and Magnús Jóhannsson
Content	
This course examines the neural bases of motor control, consciousness, learning and memory, drugs and behaviour, and behaviour disorders (e.g., schizophrenia. The course will examine current research and theory in neuroanatomy and physiology, endocrinology, and evolutionary theory.	
Learning outcome - On completing the course, each student should be able to:	
<ul style="list-style-type: none"> • Describe the main neurological factors which lie behind motor control, sleep, the energy management of the body, emotions, communication, and the main neurological and mental disorders. • Explain the biological processes which will be discussed in the course, such as motor control and emotional control. • Make use of and transfer knowledge of basic physiological elements, from the course Biology and Behaviour, to understand and clarify the more complex biological processes which will be discussed in the course. • Use basic knowledge of biological processes to explain behaviour, select the processes which best describe specific behaviour, and provide reasoning for their selection. • Present an explanation of specific behaviour with reference to biological processes in a clear and informative manner. 	
Course assessment	
Assignment and in class exam and final exam. Grades are given on a 0 – 10 point scale. The minimum grade to pass the course is 5.0. The student needs to get a minimum grade of 5.0 in the final exam and a minimum average grade of 5.0 for all course assessment.	
Reading material	
Carlson, N. R. (2009). <i>Physiology of Behavior</i> (11. ed). Boston: Pearson/Allyn & Bacon.	
Teaching and learning activities	
Lectures, seminars and discussion.	
Language of instruction	Icelandic