Module card

I. GENERAL INFORMATION		
THE WITELON STATE UNIVERSITY OF APPLIED SCIENCES IN LEGNICA DEPARTMENT of health sciences and physical culture		
Field	Nursing	
Module title	Physiology	
Language of lecture	english	
ECTS points	4 points	
Preliminary conditions:	Basic knowledge of biology at the secondary school level	
II. Education aims		
To provide students with knowledge about the functioning of individual human systems. To get acquainted with the methods of basic physiological parameters examination.		
III. Education outcomes		
Students will know and understand the neurohormonal regulation of physiological and electrophysiological processes occurring in the body; The student knows and understands the participation of body systems and organs in maintaining homeostasis; The student knows and understands the physiology of individual systems and organs of the body; Students will know and understand the basics of the operation of control systems (homeostasis) and the role of positive and negative feedback;		
	V. EDUCATIONAL METHODS	
Assessment method: credit for evaluation, written colloquia, final exam		
Student workload: 100 hours		
V. MODULE TYPE AND CONTENTS		
Lecture and exercise:		
system. Hormones. Thermoregulation. Skele Haematopoiesis. Functions of red blood cells, v Bioelectrical and mechanical function of the he Bioelectrical activity of the cell. Resting and act	n. Homeostasis. Neurohormonal regulation of vital functions. Autonomic nervous etal, smooth and cardiac muscle function.Blood composition and functions. white blood cells and platelets. Coagulation and fibrinolysis art. Systemic and pulmonary circulation. Coronary circulation. ion potentials. Transmission of information between cells. system. Interpretation of morphological, biochemical and coagulolog blood test	

Physiology of the excretory system. Water balance. Methods of estimating glomerular filtration rate.Physiology of the nervous system. Reflexes. Study of reflexes in man.Physiology of the sensory organs. Study of teleceptive, exteroceptive, proprioceptive sensation

VII. ECTS POINT BALANCE SHEET - STUDENT'S WORKLOAD

Category	Student's workload
Contact hours	31
Participation in lectures	20
Participation in classes, workshops	10
Exam	1
Independent student's work	69
Preparation for the lecture	10
Preparation for the classes, workshops	12
Preparation for the test	12
Preparation for the exam	15
Preparing the project	20
Preparing multimedia presentation	
Total number of hours	100
ECTS points: 4	
VIII. Recommended literature	
1.	
2. 3.	