

Study Programme : BSc in Biology				
Degree level: Bachelor degree				
Course Title: Human Biology				
Professor: Tatjana Pavlica PhD				
Required Course				
Number of ECTS: 5				
Prerequisites: Comparative anatomy and systematics of chordates				
Course Objective: Students acquire knowledge of human traits and their manifestation in individuals, families and populations. Methodology of human organism research and variability of modern man.				
Course Outcome: At the end of the course students are competent for conducting investigations of biophysical traits of man and human populations.				
Course Content: <i>Theoretical part:</i> The concept of human biology. Anthropology and human genetics as disciplines in human biology. Methods in anthropology. Methods in Human genetics. Unique body structure of humans and other living systems. Preonogenetical and ontogenetical development. Growth, development, acceleration and secular trend. Body structure and organization of human body. Phylogenetic development of humans. Variability of human populations. <i>Practical part:</i> Basic elements of human body structure. Reproduction. Human chromosomes. Quantitative, qualitative and physiological characteristics of humans. Indicators of growth, development, maturation and body proportions. Stature – sex structure of populations.				
Reading List: Mader S. : Human biology, seventh edition, Mc Graw Hill higher Education, 2002. Božić Krstić V., Savić M., Rakić R., Pavlica T. : Praktikum iz biologije, Univ. u Novom Sadu, Medicinski fakultet, 2000. Harrison G.A., Tanner J.M., Pilbeam D.R., Baker P.T.: Human Biology, An introduction to human evolution, variation, growth, and adaptability, Oxford University Press, 1988. Tegako L.I.: Osnovi sovremennoi Antropologii, Minsk Universitetskoe, 1989. Knußman P.: Vergleichende Biologie des Menschen: Lehrbuch d. Anthropologie u.Humangenetik, Fischer, Stuttgart, New York. 1980.				
Total hours:				
Lectures: 2	Practicals: 2	Other:	Student research work:	
Methods of instruction: Lectures and practicals				
Assessment (maximum number of points 100)				
Requirements	points	Final exam	70	
Active participation in lectures	3	Practical exam		
Active participation in practicals	2	Oral exam		
Test(s) or	9	Test		
Pre-exam testing	16			