

Study Programme : BSc in Ecology			
Degree level: Bachelor degree			
Course Title: Human ecology			
Professor: Rada Rakić PhD			
Required: Required Course			
Number of ECTS: 7			
Prerequisites:			
Course Objective: The objective of the course is to educate students about the influence of biotic and abiotic factors on human traits formation and demographic structure.			
Course Outcome: At the end of the course students are capable of assessing the influence of environment upon the growth, development and health condition of individuals and human populations.			
Course Content:			
<i>Theoretical part:</i> The concept of Human ecology and its relationship with other sciences. The position of man in the biosphere. Environmental aspects of the origin and evolution of man. Effects of biotic and abiotic factors on growth, development and human behavior. Diseases of modern man. Demographic research and demographic methods. Structure of human populations. Migrations. The spatial distribution of population. Population policy and population trends. Population growth and the social determinants of human movement. Models of human populations, prospects and forecasts trends.			
<i>Practical part:</i> Determination of human traits. Phenotypic features and body proportions in different human populations. Analysis of demographic data. Indicators of fertility, mortality and morbidity. The rate of growth of human populations. Migration.			
Reading List:			
1. Алексеева, Т.И (1977): Географическа среда и биология человека. Издательство, Москва.			
2. Алексеева, Т.И (1988): Адаптация человека в различных экологических нишах земли. Издательство, Москва.			
3. Breznik, D. (1980): Demografija. Analiza, metodi i modeli. Naučna knjiga, Beograd.			
4. Vlahović, P. (1966): Čovek u prostoru i vremenu: antropologija. Vuk Karadžić, Beograd.			
5. Campbell, B. (1985): Human ecology. ALDINE Publishing Company, New York.			
6. Harrison, G.A., Tanner, J.M., Pilbeam D.R., Baker P.T. (1988): Human Biology, An introduction to human evolution, variation, growth, and adaptability. Oxford University Press, Oxford .			
Total hours:			
Lectures: 3	Practicals: 2	Other:	Student research work:
Methods of instruction:			
Assessment (maximum number of points 100)			
Requirements	points	Final exam	70
Active participation in lectures	2	Practical exam	
Active participation in practicals	3	Oral exam	
Test(s) or	9		
Pre-exam testing	16		