



Study program: Doctoral Academic Studies of Biomedical Sciences		
Name of the subject: MODERN EPIDEMIOLOGY, SURVEILLANCE AND PREVENTION OF COMMUNICABLE DISEASES		
Teacher(s): Vladimir J. Petrović, Gorana S. Dragovac, Miodjub M. Ristić		
Status of the subject: elective		
Number of ECTS points: 20		
Condition: -		
Goal of the subject The goal of the doctoral program of this subject is to educate students about importance of modern epidemiology, surveillance and prevention of communicable disease.		
Outcome of the subject Introduction and implementation of knowledge on Epidemiology of food borne, water borne, air borne diseases, as well as vector borne, vaccine preventable and sexually transmitted communicable diseases Application of epidemiologic methods in investigation and research in the area of communicable diseases, outbreak investigation and expert analysis on data obtained through epidemiologic surveillance, evaluation of efficacy of preventive measures and control of communicable diseases.		
Content of the subject <i>Theoretical lectures</i> 1. Epidemiologic surveillance on communicable diseases - 2 hours 2. Application of epidemiologic methods in communicable diseases research – 2 hours 3. Epidemiological characteristics of certain groups of communicable diseases– 20 hours 4. Prevention and control programs of communicable diseases - 2 hours 5. International Health Regulations – 4 hours <i>Practical lectures</i> Content of practical lectures will be adapted to the doctoral thesis of each doctoral candidate. Each candidate will perform evaluation of specific problem encompassed by his/her thesis in the form of seminar paper.		
Recommended literature <i>Compulsory</i> 1. Gordis L. Epidemiology. 5 th ed. Baltimore: Elsevier Saunders; 2013 2. Rothman KJ, Greenland S, Lash TL. Modern Epidemiology. 3 rd ed. Philadelphia: Lippincott, Williams & Wilkins; 2008. 3. Nelson KE, Williams CM, Graham NMH. Infectious disease epidemiology. Gaithersburg: Aspen publishers; 2001. 4. Chin J. Control of communicable disease manual. 17 th edition, Washington: American Public Association, 2000. <i>Additional</i> 1. Suggested relevant websites 2. Lecture notes and slides		
Number of active classes	Theory: 60	Practice: 45
Methods of delivering lectures Lectures, exercises, seminar		
Evaluation of knowledge (maximum number of points 100)		
lectures activity: 20 seminar: 30 written exam: 50		