



Study program: Doctoral Academic Studies in Biomedical Sciences		
Name of the subject: ADDICTION DISEASES		
Teacher(s): Aleksandra S. Dickov		
Status of the subject: elective		
Number of points: 20		
Condition:-		
Goal of the subject: Introduction to the latest knowledge in the field of etiology, classification and treatment of addiction		
Outcome of the subject: Comprehensive knowledge in the field of addiction, comorbid psychiatric disorders, addiction comorbid with other medical diseases, and modern research methodologies in the field of addiction, recognition, treatment and prevention of addiction in the community; setting problems, goals and research methodologies		
Content of the subject <i>Theoretical lectures:</i> <ol style="list-style-type: none"> 1. Course description; modern definitions of addiction, epidemiology of addiction 2. Modern classifications of addiction - categorical vs dimensional 3. Etiology of addiction - integrative approach (biological basis) 4. Etiology of addiction - integrative approach (psychosocial aspects) 5. Neuroimaging methods in addiction diseases 6. Contemporary aspects of research methodology in addiction diseases 7. Contemporary aspects of cognitive disorders in addiction diseases 8. Disorders at the neurohumoral level in addiction diseases 9. Disorders at the neurophysiological level in addiction diseases 10. Behavioral disorders in addiction diseases 11. Current events related to disorders caused by harmful use of drugs 12. Prevention in addiction diseases 13. Current events in forensic psychiatry in addiction diseases 14. Integrative, modern concepts of addiction treatment (biological treatments) 15. Psychotherapy in addiction diseases <i>Practical lectures:</i> Seminars <ol style="list-style-type: none"> 1. Addiction diseases and hepatitis 2. Addiction diseases and endocrinological consequences 3. Addiction diseases and HIV infection and AIDS 4. Psychiatric-psychological aspects of addiction 5. Addiction diseases in pregnancy 6. Addiction diseases in adolescents 7. Addiction diseases and mental retardation 		
Recommended literature. <ol style="list-style-type: none"> 1. Principles of Drug Addiction Treatment: A Research-Based Guide By National Institute on Drug Abuse United States. Health and Human Services. National Institute on Drug Abuse., 2009 (2nd edition) 2. Substance Abuse: A Global View By Andrew Cherry; Mary E. Dillon; Douglas Rugh Greenwood Press, 2002 3. Understanding Addiction By Elizabeth Connell Henderson University Press of Mississippi, 2000 <i>Additional</i> It will be delivered later		
Number of active classes	Theory: 60	Practice: 45
Methods of delivering lectures: theoretical, audio-visual aids, interactive teaching, workshops		

Evaluation of knowledge (maximum number of points 100)

activity during the lecture: 25

seminary work: 10

SRS: 15

oral exam: 50