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| Name of the subject: MEDICAL ZOOLOGY | | |
| Teacher(s): Dr.Olivera Bjelić Čabrilo, Dr. Dušan Lalošević | | |
| Status of the subject: elective | | |
| Number of ECTS points: 15 | | |
| Condition: none | | |
| Goal of the subject Students will understand the significance of animal and human cohabitation, and the risks it carries for human health. | | |
| Outcome of the subject Postulates of laboratory work dealing with biological materials, identification of animal agents that cause or spread human diseases. | | |
| Content of the subject <i>Theoretical lectures</i> Significance of medical zoology, medical geography and tropical medicine. Theory of natural endemic areas of diseases. Vogralik's chain. Venomous animals and their pathological significance. First aid in cases of injury by a venomous animal. Protozoa of medical significance. Biohelminths. Geohelminths. Arthropod vectors of infective and parasitic diseases of humans. Urban ecology. <i>Practical lectures</i> Identification of animal agent species. Preparation of helminth microscopic slides for species identification. Studies of anthroponotic helminth species in animals living in man-made ecosystems. Rearing of laboratory animals and their application in diagnosing infective diseases. | | |
| Recommended literature 1. Peters W. Atlas of Tropical Medicine and Parasitology. 6 th ed. Mosby Publ, 2006. 2. Nabarro L. et al. Peters' Atlas of Tropical Medicine and Parasitology, 7th Ed., Elsevier, 2018. 3. Boyd JF. The Pathology of Human Viral Infections and Associated Conditions, University of Glasgow Press, Glasgow, 2004. 4. Palmer SR et al. Oxford Textbook of Zoonoses.Oxford University Press, 2011. 5. Milutinović M i sar. Krpelji (Acari: Ixodidae, Argasidae) Srbije. Sprska akademija nauka i umetnosti ; knj. 670. Odeljenje hemijskih i bioloških nauka ; knj. 7, 2012. 6. Lalošević D, Lalošević V. Toksokarijaza – Larva migrans kod čoveka i životinja. Zadužbina Andrejević (posebna izdanja), Beograd, 2008, ISBN 978-86-7244-702-6 7. Lalošević V. Parazitološki praktikum. Novi Sad: Poljoprivredni fakultet, 2008. 8. Lalošević V, Ćirković M, Lalošević D, Mihajlović-Ukropina M, Rajković D. Parazitologija.Novi Sad: Poljoprivredni fakultet, 2005. All available scientific papers relating to the course subject, in line with the student's interest. | | |
| Number of active classes | Theory: 5 | Practice: 5 |
| Methods of delivering lectures Lectures, practical and theoretical work in the lab. * research papers on selected and/or given topics | | |
| Evaluation of knowledge (maximum number of points 100) Colloquium 20 Oral exam 50 Research paper 30 | | |