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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  | **Faculty of Medicine** |
| **GENERAL INFORMATION** |
| Study program  | **INTEGRATED ACADEMIC STUDIES OF MEDICINE** |
| Study Module (if applicable) |  |
| Course title | Internal medicine |
| Level of study | ☐Bachelor x Master’s ☐ Doctoral |
| Type of course | x Obligatory ☐ Elective |
| Semester  |  x Autumn xSpring |
| Year of study  | IV |
| Number of ECTS allocated |  |
| Name of lecturer/lecturers | Deljanin-Ilić Ž. Marina, MD, PhD, ProfessorPavlović S. Milan, MD, PhD, Associate ProfessorTodorović N. Lazar, MD, PhD, Associate ProfessorTasić C. Ivan, MD, PhD, Associate ProfessorKoraćević P. Goran, MD, PhD, Associate ProfessorApostolović R. Svetlana, MD, PhD, Associate ProfessorPerišić D. Zoran, MD, PhD, Associate ProfessorLazović V. Marko, MD, PhD, Assistant ProfessorĐorđević B. Dragan, MD, PhD, Assistant ProfessorĆirić-Zdravković V. Snežana, MD, PhD, Assistant ProfessorStoičkov B. Viktor, MD, PhD, Assistant ProfessorPetrović B. Dejan, MD, MSc, Teaching AssistantNagorni V. Aleksandar, MD, PhD, ProfessorBjelaković B. Goran, MD, PhD, ProfessorRadovanović-Dinić S. Biljana, MD, PhD, Associate ProfessorBenedeto-Stojanov A. Danijela, MD, PhD, Associate ProfessorBrzački M. Vesna, MD, PhD, Assistant ProfessorPejčić A. Tatjana, MD, PhD, ProfessorStanković J. Ivana, MD, PhD, ProfessorRistić M. Lidija, MD, PhD, ProfessorRančić H. Milan, MD, PhD, ProfessorRadović M. Milan, MD, PhD, Assistant ProfessorĆirić M. Zorica, MD, PhD, Assistant ProfessorStojanović S. Sonja, MD, PhD, Assistant ProfessorŽivković G. Valentina, MD, PhD, Assistant ProfessorMitić P. Branka, MD, PhD, Assistant ProfessorZorica M. Dimitrijević, MD, PhD, Assistant ProfessorKostić N. Emina, MD, MSc, Teaching AssistantMarijanović T. Goran, MD, PhD, Associate ProfessorMačukanović-Golubović Đ. Lana, MD, PhD, ProfessorVučić D. Miodrag, MD, PhD, Assistant ProfessorGovedarović N. Nenad, MD, PhD, Assistant ProfessorStamenković N. Bojana, MD, PhD, Assistant ProfessorAntić S. Slobodan, MD, PhD, ProfessorKocić D. Radivoj, MD, PhD, ProfessorDimić N. Dragan, MD, PhD, Associate ProfessorPešić M. Milica, MD, PhD, ProfessorVelojić-Golubović D. Milena, MD, PhD, Assistant ProfessorRadojković B. Danijela, MD, PhD, Assistant ProfessorRadenković P. Saša, MD, PhD, Assistant Professor |
| Teaching mode |  ☐Lectures ☐Group tutorials ☐ Individual tutorials ☐Laboratory work ☐ Project work ☐ Seminar ☐Distance learning ☐ Blended learning ☐ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| *Course purpose:**Internal medicine studies prevention and treatment of internal organ diseases (diseases of the heart, blood and blood vessels, digestive organs, lungs, etc.). Students should acquire the knowledge about:** *causes of internal organ diseases;*
* *pathogenic processes leading to disease development;*
* *clinical manifestations of diseases;*
* *current diagnostic methods enabling precise and timely diagnosis;*
* *current principles of prevention and treatment of internal organ diseases*

*Course outcome: (knowledge, skills, attitudes)**The knowledge acquired during the course will help future doctors of medicine to resolve emerging medical problems aided by:** *deep understanding of the causes and mechanisms of internal diseases;*
* *recognition of the symptoms and signs of internal diseases and rational use of the available diagnostic methods, enabling precise and timely diagnosis;*
* *Implementation of the principles of prevention and adequate treatment of internal diseases, resolving health problems of individual patients.*
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| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| **Theoretical teaching****Cardiology. Etiology of cardiovascular diseases. Pathogenesis. Clinical presentation of cardiac diseases. Diagnostic methods and algorithms for timely and precise detection of cardiovascular diseases. Modern principles of prevention and therapy of cardiovascular diseases. Gastroenterology: etiology and pathogenesis of the diseases of digestive tract. Methods of early detection and diagnosis of these diseases. Principles of prevention and treatment. Pulmology. Etiology of pulmonary diseases. Pathogenesis. Clinical presentation of pulmonary diseases. Diagnostic methods and algorithms for timely and precise detection of pulmonary diseases. Modern principles of prevention and therapy of pulmonary diseases. Nephrology. Etiology and pathogenesis of renal diseases. Algorithms for timely detection and diagnosis and therapeutic principles. Endocrinology: etiology and pathogenesis of endocrine diseases. Methods of early detection and diagnosis of these diseases. Principles of prevention and treatment. Hematology. Etiology and pathogenesis of the diseases of the blood. Algorithms for timely detection and diagnosis and therapeutic principles. Rheumatology: Etiology and pathogenesis of rheumatic diseases. Methods of early detection and diagnosis of these diseases. Principles of prevention and treatment. Clinical immunology: immunopathogenic mechanisms of immune-related diseases. Balneoclimatology: human diseases and significance of climatic factors.****Practical teaching****Practical medical work with the patient with the disease discussed at theoretical classes. Discussion, complete clinical examination, formulation and implementation of diagnostic and therapeutic plan. Analysis of laboratory findings and results of diagnostic procedures. Observation of diagnostic procedures and analysis of therapeutical procedures.**  |
| **LANGUAGE OF INSTRUCTION** |
| xSerbian (complete course) x English (complete course) ☐ Other \_\_\_\_\_\_\_\_\_\_\_\_\_ (complete course)xSerbian with English mentoring Serbian with other mentoring \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **ASSESSMENT METHODS AND CRITERIA** |
| **Pre exam duties** | **Points (max.)** | **Final exam** | **points (max.)** |
| **Activity during lectures** | **10** | **Practical examination** | **10** |
| **Practical teaching** | **20** | **Oral examination** | **40** |
| **Seminar papers**  | **5**  | **OVERALL SUM** | **100** |
| **Tests** | **15** |  |  |
| **\*Final examination mark is formed in accordance with the Institutional documents** |