

<b>Study program:</b> Doctoral Academic Studies in Biomedical Sciences		
<b>Course title:</b> HAEMATOLOGY AND ONCOLOGY		
<b>Teacher:</b> Ivanka Z. Perčić, Ivana M. Urošević, Ivana D. Milošević, Karmen M. Stankov, Jovanka L. Kolarović, Lazar S. Popović, Bojan M. Zarić, Jasna D. Trifunović, Nataša M. Prvulović Bunović, Jasmina N. Grujić, Svetlana I. Vojvodić		
<b>Course status:</b> elective		
<b>ECTS Credits:</b> 20		
<b>Condition:</b> -		
<b>The aim of course:</b> The study program "Haematology and oncology" aims to educate students about the current scientific knowledge in haematology and other medical disciplines closely connected to haematology, and involved in the etiopathogenesis, diagnosis, and treatment of haematologic diseases. This course aims to train students to understand and critically analyze studies presenting the current knowledge in haematology, and to assist students conduct their research that will be the bases of their Ph.D. thesis.		
<b>Expected outcome of the course:</b> Students will be acquainted with the current scientific knowledge in haematology, pathophysiology, pathology, and pharmacology. They will be educated to understand and critically analyze studies presenting the current knowledge, and ready to conduct research as a bases of their Ph.D. thesis.		
<b>Course description</b> <i>Theoretical education</i>		
<ol style="list-style-type: none"> <li>1. Inflammation and haematopoiesis</li> <li>2. Modern diagnostics in haematology</li> <li>3. Targeted therapy in haematology</li> <li>4. Minimal residual disease in haematology</li> <li>5. Immune therapy in haematology</li> <li>6. Prognostic models in haematology</li> <li>7. Transplantation</li> <li>8. Transfusion</li> <li>9. Haematologic diseases in the elderly</li> <li>10. Anemias</li> <li>11. Hemostatic disturbances in adults</li> <li>12. Hemostatic disturbances in children</li> <li>13. Immune therapy in oncology</li> <li>14. Targeted therapy in oncology</li> <li>15. Modern diagnostics and treatment of breast cancer</li> </ol>		
<b>Literature</b> <i>Compulsory</i>		
<ol style="list-style-type: none"> <li>1. Kaushansky K, Lichtman MA, Prchal JT, Levi MM, Press OW, Burns LJ, Caligiuri MA. Williams Hematology 9th ed. New York McGraw-Hill Education; 2016.</li> <li>2. Jameson JL, Fauci A, Kasper D, Hauser S, Longo D, Loscalzo J. Harrison's Principles of Internal Medicine. 20th ed. New York: McGraw-Hill; 2018.</li> </ol>		
<i>Additional</i> (recommended by the mentor)		
<b>Number of active classes</b>	<b>Theory:</b> 60	<b>Practice:</b> 45
<b>Teaching methods:</b> Mentoring, lectures, consultations, debates, discussions and essays		
<b>Student activity assessment</b> (maximally 100 points)		
lectures: 30		
essay: 15		
written exam: 55		