
		<b>UNIVERSITY OF EAST SARAJEVO</b> Faculty of Medicine					
		<b>Study program: Medicine</b>					
		Integrated academic studies		Year of study: V			
<b>Full course title</b>		CLINICAL ONCOLOGY					
<b>Department</b>		Department of Internal Medicine and Pediatrics, Faculty of Medicine in Foča					
<b>Course code</b>			<b>Course status</b>		<b>Semester</b>		<b>ECTS</b>
ME-02-1-052-10			compulsory		X		3
<b>Teacher/-s</b>		Prof Jelena Vladicic Masic, MD, PhD					
<b>Associate/-s</b>		Senior assist. Nikolina Dukic, MD, MSc					
<b>The number of teaching hours / teaching workload (per week)</b>			<b>Individual student workload (in hours per semester)</b>			<b>Coefficient of student workload <math>S_o</math><sup>1</sup></b>	
<b>L</b>	<b>E</b>	<b>SP</b>	<b>L</b>	<b>E</b>	<b>SP</b>	<b><math>S_o</math></b>	
1	2	0	1*15*1	2*15*1	0	1	
Total teaching workload (in hours, per semester) 1*15+ 2*15+ 0*15=45				Total student workload (in hours, per semester) 1*15*1+ 2*15*1+ 0*15*1=45			
Total subject workload (teaching+student): 45+45 = 90hours per semester							
<b>Learning outcomes</b>		The main aims of education in Clinical oncology are to provide students with knowledge of the origin and onset of a malignant cell, the way that malignant tumors spread, epidemiology and etiology of the above-mentioned, the possibilities of early detection of malignant tumors and premalignant lesions, diagnostics and histological confirmation of malignant tumors. It is necessary for students to get acquainted with teamwork ways of planning oncological treatment, types of treatment and recognition of complications occurring during treatment of patients with malignant tumors. Students will also learn basic principles of palliative care. They will develop critical thinking and knowledge of scientific research.					
<b>General competences</b>		They possess broad fundamentals of theoretical knowledge and practical skills, preparing them for any type of postgraduate education as well as for collaboration with other medical professionals. They have acquired a systemic thinking approach as well as a structured approach to medical problems during their education. They are acquainted with a specific diagnostic algorithm. They are capable of making appropriate therapeutic decisions. They are eager to dedicate themselves to the field of medicine and accept responsibility for the physical, mental and social well-being of their patients. They advocate for the patient's right to participate fully in medical treatment decisions, including the right to the refusal of care or participation in the process of education and scientific research. They are capable of expressing themselves and communicating in a manner that is both understandable and acceptable to the patient. They are prepared for accepting responsibility and appropriate medical decision-making. They are acquainted with health improvement and disease prevention and are eager to make medical professionals adopt more positive attitude towards it. They have adopted attitudes and gained understanding of their personal limitations in accordance with the previous education and experience. They are conscious of the necessity for continuous learning and improvement process to maintain a high level of medical competence.					
<b>Preconditions</b>		Precondition for taking the exam: all the fourth year exams passed					
<b>Teaching methods</b>		Lectures, exercises and seminar papers					
<b>Course content per week</b>		Lectures: 1. Carcinogenesis and Genetic Predisposition 2. Epidemiology and Etiology of Malignant Tumors 3. Early Detection of Malignant Tumors, Diagnosis, and Pathology of Carcinomas 4. Determining Disease Extent and Principles of Treatment 5. Basic Principles of Systemic Treatment 6. Tumors of the Respiratory System 7. Tumors of the Digestive System					

<sup>1</sup> Coefficient of student workload  $S_o$  is calculated as it follows:

a) for the study programs not going through the licensing process:  $S_o = (\text{total workload in semester for all of the subjects } 900 \text{ hrs} - \text{total teaching workload } L + \text{Ein semester for all of the subjects } 870 \text{ hrs}) / \text{total teaching workload } L + \text{Ein semester for all of the subjects } \text{ hrs} = \text{ hrs}$ . Consult form content and its explanation.

b) for the study programs going through the licensing process, it is necessary to use form content and its explanation.

	8. Tumors of the Female Reproductive System 9. Tumors of the Male Reproductive System 10. Skin Tumors 11. Breast Tumors 12. Tumors of the Head, Neck, and CNS 13. Emergency Conditions and Complications in Oncology Treatment 14. Paraneoplastic Syndrome 15. Personalized Therapy in Oncology Exercises: 1. Basic Principles of Early Tumor Detection and Prevention 2. Basic Principles of Early Tumor Detection and Prevention 3. Basic Principles of Internal Medicine Procedures in Oncology Diagnosis, Staging of Disease, and Treatment 4. Basic Principles of Internal Medicine Procedures in Oncology Diagnosis, Staging of Disease, and Treatment 5. Basic Principles of Internal Medicine Procedures in Oncology Diagnosis, Staging of Disease, and Treatment 6. Basic Principles of Internal Medicine Procedures in Oncology Diagnosis, Staging of Disease, and Treatment 7. Basic Principles of Internal Medicine Procedures in Oncology Diagnosis, Staging of Disease, and Treatment 8. Basic Principles of Surgical-Oncological Treatment 9. Basic Principles of Surgical-Oncological Treatment 10. Basic Principles of Surgical-Oncological Treatment 11. Basic Principles of Surgical-Oncological Treatment 12. Basic Principles of Surgical-Oncological Treatment 13. Palliative Care of Oncology Patients 14. Palliative Care of Oncology Patients 15. Oncological Rehabilitation		
	<b>Compulsory literature</b>		
	<b>Author/-s</b>	<b>Publication title, publisher</b>	<b>Year</b>
	<b>Additional literature</b>		
	<b>Author/-s</b>	<b>Publication title, publisher</b>	<b>Year</b>
	Семир Бешлија, Дамир Врбанец	Интернистичка медицинска онкологија	2014
	<b>Grading policy</b>		<b>Бодови</b>
	<b>Pre-exam activities</b>		<b>Проценат</b>
	lecture attendance		7.5
	exercise attendance		17.5
	seminar paper		10
	colloquium		15
	<b>Final exam</b>		
	solving a practical problem		20
	test		30
	<b>TOTAL</b>		<b>100</b>
			<b>100 %</b>
<b>Certification date</b>		June 17th 2024	

\* the number of necessary rows is added by using *insert mode*