

Subject name Propedeutics of Oncology		ECTS Code																	
Name of unit teaching the subject THE ZBIGNIEW RELIGA FACULTY OF MEDICAL SCIENCES IN ZABRZE, THE UNIVERSITY OF TECHNOLOGY IN KATOWICE																			
Studies																			
Field of study	degree	mode	major																
medical	Uniform Master's	Stationary/non-stationary																	
Surname of instructor (instructors)																			
Type of class, method of implementation and specified number of hours		Amount of ECTS points																	
A.Type of class <ul style="list-style-type: none"> • lecture, • exercise classes, • clinical exercise classes • seminars, • design classes • laboratories, • lectureship, • diploma seminar, • professional internship.* * mark where applicable		Description of awarding ECTS points: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="padding: 5px;">Activity</th> <th style="padding: 5px;">Student workload</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Participation in lectures</td> <td style="padding: 5px;">- hours</td> </tr> <tr> <td style="padding: 5px;">Participation in practical classes</td> <td style="padding: 5px;">20 hours</td> </tr> <tr> <td style="padding: 5px;">Preparation for practical classes and colloquiums</td> <td style="padding: 5px;">5 hours</td> </tr> <tr> <td style="padding: 5px;">Examination preparation</td> <td style="padding: 5px;">5 hours</td> </tr> <tr> <td style="padding: 5px;">Consultations</td> <td style="padding: 5px;">5 hours</td> </tr> <tr> <td style="padding: 5px;">Total number of hours</td> <td style="padding: 5px;">35 hours / 30</td> </tr> <tr> <td style="padding: 5px;">Amount of ECTS points per module</td> <td style="padding: 5px;">1ETCS</td> </tr> </tbody> </table>		Activity	Student workload	Participation in lectures	- hours	Participation in practical classes	20 hours	Preparation for practical classes and colloquiums	5 hours	Examination preparation	5 hours	Consultations	5 hours	Total number of hours	35 hours / 30	Amount of ECTS points per module	1ETCS
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B.Method of implementation <ul style="list-style-type: none"> • classes in a didactic room • on-line classes/<i>blended learning</i> • classes outside the didactic room 																			
C. Amount of hours in accordance with the approved curriculum 20h																			
Didactic cycle Semester 06																			
Subject status <ul style="list-style-type: none"> • mandatory / facultative 		Language of instruction Polish																	
Didactic methods Demonstration of clinical cases Demonstrations with the use of a computer Case analysis Didactic discussion		Forms and methods of passing and general grading criteria or examination requirements <hr style="border-top: 1px dashed black;"/> A. Method of passing <ul style="list-style-type: none"> • examination • passing with a grade* * mark where applicable <hr style="border-top: 1px dashed black;"/> B. Forms of passing: Written and oral test Practical oral assessment Constant evaluation in classes Written examination - final																	

C. Basic grading criteria

Are individually specified, correspond to the educational effects

Definition of preparatory subjects and initial requirements

Basic knowledge of biology of cancers and carcinogenic factors

Subject aim

- teaching methods of taking case history from a cancer patient, the presence of carcinogenic factors, influence of the environment and professional risks
- becoming familiar with the survival rate of cancer patients
- becoming familiar with principles of early detection of cancers and tumor markers and selected laboratory factors in oncology

Curriculum

Classes include the following topics :

- Incidence of cancers
- Carcinogenic factors
- Most common cancer symptoms
- Survival rate of cancer patients and prophylactic activities
- Screening in oncology
- Tumor markers
- Cancer care in Poland and abroad
- Becoming familiar with clinical cases with various cancers
- Taking case history with the aim of diagnosing and evaluating the stage of the disease
- Imaging examinations used in the diagnosis of cancers
- Planning oncological treatment
- Principles of cancer chemotherapy and hormonal therapy
- Laboratory examinations used in cancer diagnosis
- Side effects and adverse symptoms of drugs used in treating cancers
- Targeted anti-cancer therapy

Literature

„Onkologia” – podręcznik dla studentów i lekarzy” edited by Radziśław Kordek – 2007

„Onkologia Kliniczna” edited by Maciej Krzakowski - 2006

Educational effects:

Effect no	Description of an educational effect	Reference to field of study related effects
Knowledge:		
W1	Knows the environmental and epidemiologic conditions of the most common cancers	E.W23
W2	Knows the basis of early detection of cancers and the principles of screening in oncology	E.W24

W3	Knows the possibilities of contemporary cancer therapy taking into account multimodal therapy, the perspectives of cellular and gene therapy as well as their harmful effects	E.W25			
W4	Knows the principles of treating pain, including cancer and chronic pain	E.W29			
W5	Knows the principles of associated therapies in oncology, algorithms of diagnostic and medicinal treatment in the most commonly occurring cancers	E.W26			
W6	Knows the principles of diagnosis and therapeutic treatment in the most common problems of palliative care, including: 1) symptomatic treatment of the most common somatic symptoms, 2) behavior in cancer cachexia and in the prevention and treatment of bedsores, 3) the most common medical emergencies in palliative care	E.W26			
W7	Knows the principle of palliative treatment of a patient in a terminal condition	E.W27			
Abilities:					
U1	Conducts a medical interview with an adult patient	E.U1			
U2	Conducts a full and targeted physical examination of an adult patient	E.U3			
U3	Evaluates and describes the somatic and mental condition of the patient	E.U13			
U4	Plans diagnostic, therapeutic and prophylactic treatment	E.U16			
U5	Suggests an individual approach to the therapeutic guidelines in force as well as other treatment methods in face of an unsuccessful or contradictive standard therapy	E.U18			
U6	Evaluates the general condition and the state of awareness and consciousness of the patient	E.U7			
U7	Qualifies a patient for home-based or hospital treatment	E.U20			
U8	Diagnoses conditions, in which the continuation of life, functional condition or preferences of patient limit the treatment in accordance with the guidelines defined for a specific disease	E.U21			
Social competencies:					
K1	Can establish a deep, full of respect contact with the patient				
K2	Puts the good of patient above everything else				
K3	Protects patient confidentiality and patient rights				
K4	Is aware of his own limitations and the need for constant learning				
Methods used in the verification of educational effects					
Educational effect	Type of grade				
	colloquiums	Solving problems during exercise classes	Solving problems in groups	Oral examination	Written examination
W1	X	X	X	X	X
W2	X	X	X	X	X
W3	X	X		X	X
W4	X	X	X	X	X
W5	X	X	X	X	X
W6	X	X	X	X	X
W7	X	X	X	X	X
U1		X	X	X	
U2		X	X	X	
U3		X	X	X	

U4		X	X	X	
U5		X	X	X	
U6		X	X	X	
U7		X	X	X	
U8		X	X	X	
K1		X	X	X	
K2		X	X	X	
K3		X	X	X	
K4		X	X	X	

Criteria of evaluating educational effects			
Educational effect	For a grade of 3	For a grade of 4	For a grade of 5
W01-W07	Has mastered the knowledge regarding the topic to a sufficient degree	Has mastered the knowledge regarding the topic to a good degree	Has mastered the knowledge regarding the topic to an excellent degree
U01-U8	Has mastered the knowledge regarding the topic to a sufficient degree	Has mastered the knowledge regarding the topic to a good degree	Has mastered the knowledge regarding the topic to an excellent degree