

Subject name 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																	
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Surname of instructor (instructors)																	
Type of class, method of implementation and specified number of hours 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 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 	Amount of ECTS points Description of awarding ECTS points: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Activity</th> <th style="width: 30%;">Student workload</th> </tr> </thead> <tbody> <tr> <td>Participation in lectures</td> <td style="text-align: center;">15 hours</td> </tr> <tr> <td>Participation in practical classes</td> <td style="text-align: center;">50 hours</td> </tr> <tr> <td>Preparation for practical classes and colloquiums</td> <td style="text-align: center;">15 hours</td> </tr> <tr> <td>Examination preparation</td> <td style="text-align: center;">10 hours</td> </tr> <tr> <td>Consultations</td> <td style="text-align: center;">10 hours</td> </tr> <tr> <td>Total number of hours</td> <td style="text-align: center;">100 hours / 30</td> </tr> <tr> <td>Amount of ECTS points per module</td> <td style="text-align: center;">3ETCS</td> </tr> </tbody> </table>	Activity	Student workload	Participation in lectures	15 hours	Participation in practical classes	50 hours	Preparation for practical classes and colloquiums	15 hours	Examination preparation	10 hours	Consultations	10 hours	Total number of hours	100 hours / 30	Amount of ECTS points per module	3ETCS
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C. Amount of hours in accordance with the approved curriculum Lecture – 15h Clinical exercise classes – 50h																	
Didactic cycle Semester 07																	
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 test 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

It is required to pass Propedeutics of Oncology as well as be familiar with

- basics of the creation of cancers and carcinogenic factors
- principles of chemotherapy and radiotherapy in cancers
- basics of behavior, diagnosis and treatment of the most common cancers
- the incidence of malignant tumors, carcinogenic factors
- the detectability of cancers, selected laboratory indicators and cancer markers
- the healthcare system as far as care over cancer patients in Poland

Subject aim

The aim of the subject is to become familiar with

- principles of behavior as far as diagnostic and medicinal methods in clinical oncology
- principles of chemotherapy and radiotherapy in cancers
- behavior, diagnosis and treatment of the most common cancers
- principles of early detection of cancers, selected laboratory indicators and cancer markers

Curriculum

Classes include the following topics connected with the diagnosis and treatment of the most commonly occurring cancers:

- lung cancer
- upper digestive tract and pancreas cancer
- breast cancer
- intestinal cancer
- prostate and kidney cancer
- ovarian and endometrial cancer
- head and neck cancer

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	E.W26

	cancers	
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.W27
W7	Knows the principle of palliative treatment of a patient in a terminal condition	E.W28
W8	Knows the causes, symptoms, principles of diagnosis and therapeutic treatment regarding the most common internal diseases of adults and their complications	E.W7
W9	Knows the environmental and epidemiologic conditions of the most common diseases	E.W1

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 contradictory 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
U9	Evaluates the general condition and the state of awareness and state of consciousness of the patient	E.U7
U10	Interprets the results of laboratory examinations and identifies the reasons for deviations from the norm	E.U24
U11	Suggest a rehabilitation program for the most common diseases	E.U23
U12	Can keep the patient's medical documentation	E.U38

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-W9	X	X	X	X	X
U1		X	X	X	
U2		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	
U9		X	X	X	
U10		X	X	X	
U11		X	X	X	
U12		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-U12	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