

DESCRIPTION OF THE COURSE OF STUDY

Course code	0915.4.DI2.B/C.DwO	
Name of the course in	Polish	Dietoterapia w onkologii
	English	Diet therapy in oncology

1. LOCATION OF THE COURSE OF STUDY WITHIN THE SYSTEM OF STUDIES

1.1. Field of study	Dietetics
1.2. Mode of study	Full-time
1.3. Level of study	Master's Degree
1.4. Profile of study*	Practical
1.5. Person/s preparing the course description	Dr Anna Tokarska
1.6. Contact	annato@onkol.kielce.pl

2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

2.1. Language of instruction	English
2.2. Prerequisites*	Anatomy, physiology, clinical disease, basics of human nutrition, basics of general dietetics.

3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

3.1. Form of classes	Lecture classes/Practical classes	
3.2. Place of classes	Collegium Medicum UJK	
3.3. Form of assessment	Exam/Graded credit	
3.4. Teaching methods	Lecture: informative lectures with a multimedia presentation Practical classes: multimedia presentation, discussion, demonstration, training, individual student project	
3.5. Bibliography	Required reading	<ol style="list-style-type: none"> Voss A.C., Williams V. Oncology Nutrition for Clinical Practice. Eurospan, 2021. Katz D. Nutrition in Clinical Practice. Wolters Kluwer Health, 2022. Szawłowski A., Gromadzka-Ostrowska J., i wsp. Żywnienie w chorobach nowotworowych. PZWL, Warszawa, 2020. Grzymisławski M. Dietetyka kliniczna. PZWL, 2019. Jarosz M. Dietetyka – Żywność żywienie w prewencji i leczeniu. IŻŻ, Warszawa, 2017.
	Further reading	<ol style="list-style-type: none"> Ciborowska H., Rudnicka A. Dietetyka. Żywnienie zdrowego i chorego człowieka. PZWL, Warszawa, 2019

4. OBJECTIVES, SYLLABUS CONTENT AND INTENDED LEARNING OUTCOMES

4.1. Course objectives (including form of classes)

Lectures:

- C1. Effect of nutrition on the prevention and development of malignancies.
C2. Dietary treatment in selected cancer diseases.

Practical classes:

- C1. Planning nutritional plans in cancer prevention.
C2. Planning nutritional plans in selected cancer diseases.

4.2. Detailed syllabus (including form of classes)

Lectures

- Principles of nutrition treatment in cancer patients.
- Epidemiology of cancer.
- Cancer initiation, promotion, progression and metastasis.
- Influence of nutrients on the activity of the immune system.
- Nutritional prophylaxis of cancer.
- Principles of dietary therapy in neoplastic diseases.
- Cancer cachexia.
- Pathophysiology of cachexia.
- Treatment of cachexia.

Classes

1. Planning nutritional plans including food ingredients in cancer prevention.
2. Planning nutritional plans in radiotherapy, chemotherapy, hormone therapy taking into account comorbidities.
3. Recognition of clinical signs of malnutrition.
4. Analysis of diets with energy and protein malnutrition.
5. Planning dietary nutrition for people after cancer.

4.3 Intended learning outcomes

Code	A student, who passed the course	Relation to learning outcomes
within the scope of KNOWLEDGE:		
W01	Has knowledge of food selection and dietary nutrition planning in the process of cancer prevention, during cancer treatment, cancer cachexia and after disease.	DI2P_W06 DI2P_W07 DI2P_W08
within the scope of ABILITIES:		
U01	Is able to plan a menu in cancer prevention for cancer patients.	DI2P_U02 DI2P_U03 DI2P_U04
within the scope of SOCIAL COMPETENCE:		
K01	Demonstrates the willingness to cooperate with other representatives of the medical profession and health administration employees in order to ensure proper dietary nutrition of patients with malignant tumors.	DI2P_K02 DI2P_K04

4.4. Methods of assessment of the intended learning outcomes

Teaching outcomes (code)	Method of assessment (+/-)												
	Test			Effort in class			Self-study						
	Form of classes			Form of classes			Form of classes						
	L	C	...	L	C	...	L	C	...				
W01	+	+			+			+					
U01	+	+			+			+					
K01					+			+					

4.5. Criteria of assessment of the intended learning outcomes

Form of classes	Grade	Criterion of assessment
Lecture (L)	3	Test results: 61-68%
	3,5	Test results: 69-76%
	4	Test results: 77-84%
	4,5	Test results: 85-92%
	5	Test results: 93-100%
Classes (C)	3	Obtaining 61-68% of the maximum number of points in the colloquium, active participation in classes and own work.
	3,5	Obtaining 69-76% of the maximum number of points in the colloquium, active participation in classes and own work.
	4	Obtaining 77-84% of the maximum number of points in the colloquium, active participation in classes and own work.
	4,5	Obtaining 85-92% of the maximum number of points in the colloquium, active participation in classes and own work.
	5	Obtaining 93-100% of the maximum number of points in the colloquium, active participation in classes and own work.

5. BALANCE OF ECTS CREDITS – STUDENT'S WORK INPUT

Category	Student's workload	
	Full-time studies	Extramural studies
<i>NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER /CONTACT HOURS/</i>	30	20
<i>Participation in lectures</i>	15	10
<i>Participation in classes</i>	15	10
<i>INDEPENDENT WORK OF THE STUDENT/NON-CONTACT HOURS/</i>	20	30
<i>Preparation for the lecture</i>	10	15

<i>Preparation for the classes</i>	10	15
TOTAL NUMBER OF HOURS	50	50
ECTS credits for the course of study	2	2

Accepted for execution (date and legible signatures of the teachers running the course in the given academic year)

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