DESCRIPTION OF THE COURSE OF STUDY

Course code		0915.7.DI1.B/C23.DP								
Name of the course in	Polish	Dietetyka pediatryczna								
	English	Pediatric Dietetics								

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	Bachelor's Degree
1.4. Profile of study*	Practical
1.5. Person/s preparing the course description	Dr Kamila Sobaś
1.6. Contact	kamila.sobas@ujk.edu.pl

2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

2.1. Language of instruction	English
2.2. Prerequisites*	Anatomy and physiology, basics of human nutri-
	tion, food technology

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 assessr	nent	Exam/Graded credit							
3.4. Teaching metho	ods	Lecture: informative lectures with a multimedia presentation, conversational lectures							
		Practical classes: demonstration, instruction, individual student pro-							
		ject concluded with a report							
3.5. Bibliography	Required reading	 Behavioral Health Nutrition Dietetic Practice Group. Academy of Nutrition and Dietetics Pocket Guide to Children with Special Health Care and Nutritional Needs. Eurospan, 2021. Katz D. Nutrition in Clinical Practice. Wolters Kluwer Health, 2022. Krawczyński M. Żywienie dzieci w zdrowiu i chorobie. Help MED, Kraków, 2015. Woś H., Starzewska-Kwak A. Żywienie dzieci. PZWL, Warszawa, 2012. Jarosz M., Rychlik E., Stoś K., Charzewska J. Normy żywienia dla populacji Polski i ich zastosowanie. NPZ - PZH, Warszawa, 2020. 							
	Further reading	 Grzymisławski M., Gawęcki J. Żywienie człowieka zdrowego i chorego. PWN, Warszawa, 2021, wyd. 2. Chojnacki J., Klupinska G. Dietetyka kliniczna. ELSEVIER, URBAN &PARTNER, 2014. http://www.eufic.org/en/healthy-living/article/child-and-adolescent-nutrition Jarosz M. Dietetyka Żywność żywienie w prewencji i leczeniu. IŻŻ, Warszawa, 2017. 							

4. OBJECTIVES, SYLLABUS CONTENT AND INTENDED LEARNING OUTCOMES

4.1. Course objectives (including form of classes)

Lectures:

- C1. Principles and fundamentals of pediatric dietetics.
- C2. Etiology, functional disorders of the body affecting digestion, absorption and metabolism of nutrients.
- C3. Diet therapy of childhood diseases.

Practical classes:

- C1. Planning nutrition plans with the determination of nutritional value for sick children in selected diseases.
- C2. Principles of preparing diets for patients after surgical procedures and diets with special sanitary regime.

C3. Specific calculations in the evaluation of diet and nutrition.

4.2. Detailed syllabus (including form of classes)

Lectures

- 1. Principles of nutrition of children with gastrointestinal diseases.
- 2. Food allergy in children.
- 3. Celiac disease.
- 4. Inflammatory bowel disease.
- 5. Phenylketonuria.
- 6. Galactosemia.
- 7. Deficiencies in the activity of selected digestive enzymes.
- 8. Cystic fibrosis.
- 9. Dietary management in metabolic diseases of childhood.
- 10. Obesity in children, determinants, diagnosis, dietary management.
- 11. Problems of children nutrition in neurological diseases.

Classes

- 1. Methods of assessing the nutritional status of adults and older adults.
- 2. Methodology for planning therapeutic diets in phenylketonuria, galactosemia and visceral disease.
- 3. Elimination diets in pediatrics.
- 4. Nutrition in liver and kidney diseases.
- 5. Nutrition in diseases of the central nervous system.
- 6. Ketogenic diet.
- 7. Principles of nutrition in diabetes.
- 8. Parent and child nutrition education in diabetes management.
- **9.** Comprehensive management of psychogenic eating disorders.
- 10. Dietary management in protein-energy malnutrition.
- 11. Basics of insulin therapy.
- 12. Principles of enteral and parenteral treatment in children.

4.3 Intended learning outcomes

Code	A student, who passed the course	Relation to learning outcomes								
	within the scope of KNOWLEDGE:									
W01	Knows the principles and physiological foundations of pediatric dietetics.	DI1P_W05								
W02	Learned about the influence of diseases on the state of functional disorders influencing the metabolic factors in the child's organism.	DI1P_W06								
W03	Knows the rules of nutrition of sick children in particular disease entities and is able to implement appropriate diet therapy.	DI1P_W07								
	within the scope of ABILITIES :									
U01	Can make correct calculations for energy and nutrients and plan a menu for a sick child.	DI1P_U05 DI1P_U10								
U02	Can monitor the effects of dietary interventions in patients and assess their quality and effectiveness in cooperation with the team in order to ensure continuity of patient care.	DI1P_U04 DI1P_U06 DI1P_U09								
U03	Is able to compile dietary meals for patients requiring specialized nutrition.	DI1P_U03								
	within the scope of SOCIAL COMPETENCE :									
K01	Continues education throughout his professional life in order to constantly update his knowledge and professional skills based on, among others. o interpretation of the results of research on the nutrition of sick children.	DI1P_K05								
K02	Respects the patient's rights, including the right to information about the disease and the proposed dietary treatment, as well as its possible consequences and limitations.	DI1P_K03								

4.4. Methods of assessment of the intended learning outcomes																		
	Method of assessment (+/-)																	
Teaching outcomes (code)		Exam	l	Test			Project			Effort in class			Group work					
	Form of clas- ses			Form of clas- ses			Form of clas- ses			Form of clas- ses			Form of clas- ses					
	L	С		L	С		L	С		L	C		L	С				
W01	+																	
W02	+																	

W03	+		+			+							
U01	+		+		+		+		+				
U02			+		+				+				
U03			+		+				+				
K01					+				+				
K02					+				+				

4.5. Crit	4.5. Criteria of assessment of the intended learning outcomes							
Form of classes	Grade	Criterion of assessment						
(3	Test results: 61-68%						
1) e	3,5	Test results: 69-76%						
ure	4	Test results: 77-84%						
Lecture (L)	4,5	Test results: 85-92%						
I	5	Test results: 93-100%						
	3	61-68% Mastering the content of the curriculum at the basic level, chaotic answers, necessary leading questions.						
Classes (C)	3,5	69-76% Mastering the content of the curriculum at the basic level, systematized answers, requires the help of a teacher.						
ses	4	77-84% Mastering the content of the curriculum at the basic level, systematic and independent answers.						
Clas	4,5	85-92% The scope of the presented knowledge goes beyond the basic level based on the supplementary literature provided.						
	5	93-100% The scope of the presented knowledge and skills goes beyond the basic level based on self-acquired scientific sources of information.						

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

	Student	's workload
Category	Full-time studies	Extramural studies
NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER /CONTACT HOURS/	50	30
Participation in lectures	25	15
Participation in classes	25	15
INDEPENDENT WORK OF THE STUDENT/NON-CONTACT HOURS/	50	70
Preparation for the lecture	25	35
Preparation for the classes	25	35
TOTAL NUMBER OF HOURS	100	100
ECTS credits for the course of study	4	4

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