

COURSE OFFERED

Name of the course	Polish	Holistyka i personalizacja we współczesnej medycynie
	English	Holistic approaches and personalisation in medicine

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

1.1. Section ¹	Medical and health sciences
1.2. Discipline ²	Medical sciences
1.3. Type of education	Stationary
1.4. Level of education	Doctoral School
1.5. Person preparing the course description	MD.PhD Elzbieta Jasińska
1.6. Contact	elzbieta.jasinska @ujk.edu.pl

2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

2.1. Type of course ³	specialised subjects in the discipline
2.2. Language of the course	English

3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

3.1. Type of classes ⁴	Classes, lectures
3.2. The number of hours ⁵	15 h classes, 15 h lectures
3.3. Location of classes	Classes in the UJK teaching room
3.4. Type of assessment	Classes – final assessment with grade, lecture – exam
3.5. Didactic methods	Informative lecture, conversational lecture, Oral and multimedia presentations, analysis of clinical cases and research, and discussion
3.6. Literature	basic 1. Interna Szczeklika, 2025 2. E. Krajewska-Kulak, Holistyczny wymiar współczesnej medycyny, Cykl monografii, 2015 3. Lloyd Minor, Matthew Rees Discovering Precision Health: Predict, Prevent, and Cure to Advance Health and Well?Being. 2020 DOI:10.1002/9781119672715; 4. Jassem J, Kordek R, Onkologia. Podręcznik dla studentów i lekarzy. Wyd. 6, Via Medica, 20224, 5. Fronczak A. Medycyna personalizowana. Mity, fakty, rekomendacje. Łódź 2016
	supplementary 1. Podolak-Dawidziak M, Wróbel T, Sobas M. Wprowadzenie do hematologii, UM Wrocław, 2021; 2. Topol E. Medycyna głęboka. ITEM Publishing, Warszawa, 2021

¹ Section of Humanities; Social Sciences, Section of Exact and Natural Sciences, Section of Medical and Health Sciences, Section of Arts.

² History, Linguistics, Literary Studies, Medical Sciences, Health Sciences, Political and Administrative Sciences, Legal Sciences, Security Sciences, Pedagogy, Communication and Media Studies, Management and Quality Studies, Biological Sciences, Chemical Sciences, Physical Sciences, Earth and related Environmental Sciences, Visual Arts and Artwork Conservation, Musical Arts.

³ General courses, domain specific subjects in the section, disciplinary subjects in the sections, specialized subjects in the discipline.

⁴ Classes, lecture, seminar.

⁵ Consistent with the education program at the Doctoral School Jan Kochanowski University in Kielce.

4. OBJECTIVES, SYLLABUS CONTENT AND INTENDEND LEARNING OUTCOMES

4.1. Course objectives (including the form of classes) Lecture C1. Expand knowledge and practical skills in personalized medicine and their application in disease prevention and health optimization. C2. Raise awareness of improving therapeutic effectiveness and safety of treatment methods. Classes C1 Develop the ability to use modern tools for precisely tailoring therapy in daily medical practice. C2. Develop competencies in holistic patient care.		
4.2. Syllabus content Lecture <i>Personalization and holistic medicine – definitions from a historical and contemporary perspective.</i> <i>An epidemiological review of lifestyle diseases in Poland and globally, analyzing etiological factors.</i> <i>The structure of disease incidence, trends in morbidity and mortality rates in Poland, Europe, and globally..</i> <i>The role of prevention and education in maintaining health.</i> <i>Integration of holistic medicine and personalized medicine as a new standard in medical science.</i> <i>The role of molecular and biochemical markers in individual therapy selection and determining prognostic factors, with reference to the latest scientific achievements and therapies in clinical trials..</i> Classes <i>Risk factors for lifestyle diseases, including genetic predispositions</i> <i>Principles and procedures for prevention, diagnosis, and treatment.</i> <i>Analysis of the effectiveness and risk of various treatment approaches.</i> <i>Modern therapies in Poland.</i> <i>The use of artificial intelligence to analyze trends in biomarkers and monitor parameters in real time.</i>		

5. SUBJECT LEARNING OUTCOMES

Learning outcomes	A doctoral student who has passed the subject:	Reference to the learning outcomes of Doctoral School (according to the training program at the Doctoral School)
in the area of KNOWLEDGE:		
W01	has extensive knowledge of the latest scientific advances in holistic medicine and personalized therapies, including mechanisms of action, epidemiological data, and clinical case studies	SD_W01
W02	has advanced knowledge of development trends in a holistic approach to health and disease as well as personalized medicine	SD_W02
W03	formulates important, current and unresolved problems in personalized medicine in a holistic approach to human biology	SD_W07

in the area of SKILLS :		
U01	is able to use knowledge from various disciplines to identify, formulate and creatively solve complex problems or carry out research tasks in the field of personalized and holistic medicine	SD_U03
U02	is able to evaluate the practical aspect of scientific research results and transfer the results of scientific activities to the economic and social sphere, indicating their use in holistic and personalized medicine	SD_U04
U03	is able to use English-language scientific literature and prepare his/her own studies of scientific materials in a foreign language	SD_U07
in the area of SOCIAL COMPETENCE :		
K01	is ready to recognize the importance of knowledge in solving cognitive and practical problems in a holistic approach to the patient and developing personalized medicine	SD_K02

6. METHODS OF ASSESSMENT OF THE INTENDED LEARNING OUTCOMES

SUBJECT LEARNING OUTCOMES	METHOD OF ASSESSMENT (+/-)																				
	Oral/written exam			Kolokwium			Project			activity in class			Own work			Group work			Others		
	The type of classes			The type of classes			The type of classes			The type of classes			The type of classes			The type of classes			The type of classes		
	L	C	S	L	C	S	L	C	S	L	C	S	L	C	S	L	C	S	L	C	S
W01	+									+			+								
W02	+									+			+								
W03	+									+			+								
U01	+									+			+								
U02	+									+			+								
U03	+									+			+								
K01	+									+			+								

7. CRITERIA OF ASSESSMENT OF THE INTENDED LEARNING OUTCOMES

Form of classes	Grade	Criterion of assessment
Lecture (L) ⁶	3,0	51-60% of exam
	3,5	61-70% of exam
	4,0	71-80% of exam
	4,5	81-90% of exam
	5,0	91-100% of exam
Classes (C) ⁷	3,0	Achieving a positive result of 51-60% of self-presentation
	3,5	Achieving a positive result of 61-70% of self-presentation
	4,0	Achieving a positive result of 71-80% of self-presentation
	4,5	Achieving a positive result of 81-90% of self-presentation
	5,0	Achieving a positive result of 91-100% of self-presentation

⁶ Niepotrzebne usunąć.

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Accepted for execution

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