COURSE OFFERED

Name of the	Polish	Epidemiologia kliniczna
course	English	Clinical epidemiology

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, health sciences
1.3. Type of education	Stationary
1.4. Level of education	Doctoral School
1.5. Person preparing the course	Dr hab. Paweł Macek, prof. UJK
description	
1.6. Contact	pawel.macek@ujk.edu.pl

2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

2.1. Type of course ³	Disciplinary subject
2.2. Language of the course	English

3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

3.1. Type of class	ses 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 me	thods	Informative lecture, conversational lecture					
3.6. Literature	basic	Zbigniew J. Brzeziński, Katarzyna Szamotulska Epidemiologia					
		kliniczna. PZWL, Warszawa 1997 r.					
supplementary		Peneloppe Webb, Chris Bain, Andrew Page Epidemiologia:					
		podręcznik dla studentów i praktyków. Wydawnictwo					
		Naukowe Scholar, Warszawa 2021 r.					

4. OBJECTIVES, SYLLABUS CONTENT AND INTENDEND LEARNING OUTCOMES

4.1. Course objectives (including the form of classes)

Lectures:

C1. Obtaining knowledge in planning and conducting clinical epidemiology studies.

Classes:

C1. Acquiring the ability to interpret the results of experimental epidemiology studies. Understand the role of experimental studies in medical and health sciences.

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.

- C2. Developing competences related to the evaluation of scientific works in which experimental epidemiology studies are used in terms of justifying the conclusions drawn from them.
- C3. Preparation for the practical use of epidemiological and demographic data in scientific research.

4.2. Syllabus content

Goals and objectives of clinical epidemiology, the role of experimental research in contemporary medicine and health sciences. Planning and conducting a clinical epidemiological study: defining the research problem and formulating research questions, data collection and analysis project. Interpretation of experimental epidemiology research results. Epidemiology of diseases based on available population data. Use of data from epidemiological databases in scientific research. Critical evaluation of scientific articles.

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	W01 has extensive knowledge of planning and conducting clinical epidemiology research, including the goals and tasks of clinical epidemiology and the role of experimental research in modern medicine and health sciences,							
W02	has advanced knowledge of development trends in clinical epidemiology research,	SD_W02						
W03	formulates important, current and unresolved problems in the field of medical sciences and health sciences, especially in the field of epidemiology, including in a foreign language,	SD_W07						
	in the area of SKILLS:							
U01	can define the purpose and subject of research, formulate research hypotheses in the field of clinical epidemiology	SD_U01						
U02	can use epidemiological and demographic data to identify, formulate and creatively solve complex problems or carry out research tasks	SD_U03						
U03	can practically use a foreign language in research activities	SD_U07						
	in the area of SOCIAL COMPETENCE:							
K01	can think in an entrepreneurial way and act actively	SD_K04						

6. METHODS OF ASSESSMENT OF THE INTENDED LEARNING OUTCOMES

SUBJECT		METHOD OF ASSESSMENT (+/-)																			
		I/wı exa		Kolokwiu m			Project			activity in class			Own work			Group work			Others		
LEARNING OUTCOMES		The type of			The type of			The type of			The type of			The type of			The type of			The type of	
	Cl	lasso	25	Cl	lasso	25	cl	asse	25	cl	asse	25	cl	asse	25	cl	asse	25	cl	asse	25
	L	С	S	L	С	S	L	С	S	L	С	S	L	С	S	L	С	S	L	С	S
W01	+																				

W02	+											
W03	+											
U01					+							
U02					+							
U03					+							
K01					+							

7. CRITERIA OF ASSESSMENT OF THE INTENDED LEARNING OUTCOMES

Form of classes	Grade	Criterrion of assessment
9	3,0	51-60% of exam
(L)	3,5	61-70% of exam
n a	4,0	71-80% of exam
Lecture	4,5	81-90% of exam
Ľ	5,0	91-100% of exam
7	3,0	51-60% of the project
(2)	3,5	61-70% of the project
ses	4,0	71-80% of the project
Classes (C)	4,5	81-90% of the project
S	5,0	91-100% of the project

Accepted for execution	

⁶ Niepotrzebne usunąć.

⁷ Niepotrzebne usunąć.