COURSE OFFERED

Name of the course	Polish	**Epidemiologia kliniczna**
	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 description	Dr hab. Paweł Macek, prof. UJK
1.6. Contact	pawel.macek@ujk.edu.pl

2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

2.1. Type of course [3]	Specjalised 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
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.

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[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	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,	SD_W01
W02	knows and understands the research methodology of the clinical epidemiology, including statistical analysis of results	SD_W03
W03	knows and understands the economic, legal, ethical and other important conditions of epidemiological research conducted in medical and health sciences	SD_W06
W04	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 use epidemiological and demographic data to identify, formulate and creatively solve complex problems or carry out research tasks	SD_U03
U02	is able to evaluate the practical aspect of epidemiological research results and transfer the results of scientific activities to the economic and social sphere, indicating their use in medicine	SD_U04
U03	can practically use a foreign language in research activities	SD_U07
in the area of SOCIAL COMPETENCE:		
K01	is ready to recognize the importance of epidemiological research in solving cognitive and practical problems in medical and health sciences	SD_K02

6. METHODS OF ASSESSMENT OF THE INTENDED LEARNING OUTCOMES

	METHOD OF ASSESSMENT (+/-)

SUBJECT LEARNING OUTCOMES	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	Criterrion 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**	51-60% of the project
	3,5	61-70% of the project
	4,0	71-80% of the project
	4,5	81-90% of the project
	5,0	91-100% of the project

Accepted for execution

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[6] Niepotrzebne usunąć.

[7] Niepotrzebne usunąć.