DESCRIPTION OF THE COURSE OF STUDY

Course code	0912-7LEK-C7.2-E	
Name of the course in	Polish	**Epidemiologia**
	English	**Epidemiology**

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

1.1. Field of study	Medicine
1.2. Mode of study	Full-time
1.3. Level of study	Uniform Master's studies
1.4. Profile of study*	General academic
1.5. Specialization*	Lack
1.6. Unit running the course of study	The Faculty of Medicine and Health Sciences
1.7. Person/s preparing the course description	dr n. med. Edyta Naszydłowska
1.8. Person responsible for the course of study	dr n. med. Paweł Macek
1.9. Contact	wnoz_ipp@ujk.edu.pl

2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

2.1. Affiliation with the module	Legal and organizational basis of medicine
2.2. Language of instruction	English
2.3. Semesters in which the course of study is offered	3rd
2.4. Prerequisites*	The basics of biology, knowledge of human sciences, the basics of statistics

3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

3.1. Form of classes		Lectures: 15
3.2. Place of classes		Courses in the teaching rooms of UJK
3.3. Form of assessment		Credit with grade
3.4. Teaching methods		Lecture: informative, problem-centered, conversational, case study method.
3.5. Bibliography	**Required reading**	1.Epidemiology and Public Health Medicine 2.Jekel's Epidemiology, Biostatistics, Preventive Medicine, and Public Health 9781455706587 3.Oxford Handbook of Public Health Practice 3e 9780199586301
	Further reading	1.Lecture Notes: Epidemiology, Evidence-based Medicine and Public Health 9781444334784 2.Lecture Notes on Epidemiology & Public Health Medicine

4. OBJECTIVES, SYLLABUS CONTENT AND INTENDED TEACHING OUTCOMES

4.1. Course objectives *(lecture)*

C1. Preparing the student for gaining and analyzing the basic data about health phenomena in the community as well as forecasting their impact on the functioning of health care, assessment of the state of health of the population based on epidemiological and demographic data.

C2. Acquaintance with the determinants of health and disease by means of selected measures of health status of the population and possibilities of their use.

C3. Preparing to conduct a basic assessment of human health, taking into account the interpretation of the results of subjective and physical tests as well as additional research.

4.2. Detailed syllabus *(lecture)*

Lectures:

The basic concepts of epidemiology. The importance of epidemiology in public health.

The assessment of the state of health of the population. Health status indicators.

Health policy. Epidemiological research- the basic information, classification, measurement errors, the differ-ence between the epidemiological and clinical diagnosis, survey questionnaire.

Environmental diseases related to the place of residence –exposure analysis. Assessment of the severity of infectious diseases in the area of Kielce, epidemiology of cancer, smoking, reproductive health as the exam-ples of epidemiological research.

 The methods of measurements of selected physical parameters of the environment of human existence.

	Epidemiology of infectious diseases. The flu caused by A H1/N1 virus as the example of epidemiological activities. Nosocomial infections. Vaccinations, vaccination strategy.

4.3. Education outcomes in the discipline

Code	A student, who passed the course	Relation to teaching outcomes
	within the scope of **KNOWLEDGE:**	
W01	knows the role and methods used in medical rehabilitation;	E.W1.
W02	knows the methods for assessing the health of individuals and populations, various disease classification systems and medical procedures;	G.W1.
W03	knows the methods for the identification and study of risk factors, the advantages and disadvantages of different types of epidemiological studies and measures indicating the presence of cause and effect;	G.W2.
W04	knows the epidemiology of infectious and chronic diseases, how to prevent them from occurring in various stages of the natural history of the disease and the role of epidemiological surveillance;	G.W3.
W05	interprets prevalence of disease and disability, assesses the epidemiological situation of the diseases common in the country;	G.W13.
	within the scope of **ABILITIES:**	
U01	describes demographic structure of the population and on that basis assesses the health problems of the population;	G.U1.
U02	collects information on the presence of risk factors and chronic diseases and plans preventive actions at different levels of prevention;	G.U2.

4.4. Methods of assessment of the intended teaching outcomes

Teaching outcomes *(code)*	Method of assessment (+/-)																				
	Exam oral/written*			Test*			Project*			Effort in class*			Self-study*			Group work*			Others*		
	Form of classes			*Form of classes*			*Form of classes*			*Form of classes*			*Form of classes*			*Form of classes*			*Form of classes*		
	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...
W01	+																				
W02	+																				
W03	+																				
W04	+																				
W05	+																				
U01	+																				
U02	+																				

delete as appropriate

4.5. Criteria of assessment of the intended teaching outcomes

Form of classes	Grade	Criterion of assessment
lecture (L)	3	61% - 68% Learning programme content on the basic level, replies chaotic, leading questions necessary.
	3,5	69% -76% The student mastered most of the program content at a satisfactory level, presents knowledge after being directed, can apply it in typical situations.
	4	77% -84% The student mastered the content of the program at a satisfactory level, presents knowledge independently, can apply it in typical situations.
	4,5	85% -92% He mastered the full range of knowledge of program content, presents it independently, knows new medical novelties, can apply it after focusing in new situations.
	5	93% -100% He mastered the full range of knowledge of program content, presents it independently, knows medical novelties, can apply it in new situations.

- **Thresholds are valid from 2018/ 2019 academic year**

Criteria for evaluation of oral answer

1. Provision of a comprehensive answer to the problem (task)
2. Skill of integration of knowledge from allied domains (disciplines)
3. Independence and/or creativity in the presentation of the scope of problems, proposals of solutions
4. Presentation of the current knowledge related with the discipline (domain)
5. Recognition of problems resulting from the task

Criteria for evaluation of written answer

1. Compliance with the essence of the subject matter of work (task) /
2. Provision of a comprehensive answer to the problem (task) /
3. Skill of integration of knowledge from allied domains (disciplines) /
4. Independence and/or creativity in the presentation of the scope of problems
5. Presentation of the current knowledge related with the discipline (domain), pertinent selection of literature

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

Category	Student's workload
	Full-time studies
NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER /CONTACT HOURS/	**15**
Participation in lectures*	**15**
Participation in classes, seminars, laboratories*	
Preparation in the exam/ final test*	
Others*	
INDEPENDENT WORK OF THE STUDENT/NON-CONTACT HOURS/	**10**
Preparation for the lecture*	
Preparation for the classes, seminars, laboratories*	
Preparation for the exam/test*	**10**
Gathering materials for the project/Internet query*	
Preparation of multimedia presentation	
Others*	
TOTAL NUMBER OF HOURS	**25**
ECTS credits for the course of study	**1**

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

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