Attachment No. 5 to Rector's ordinance No. 22/2020

DESCRIPTION OF THE COURSE OF STUDY

Course code	**0915.7.DI1.F2.ECHC**	
Name of the course in	Polish	**Epidemiologia chorób cywilizacyjnych**
	English	**Epidemiology of civilization diseases**

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 Edyta Naszydłowska**
1.6. Contact	**edyta.naszydlowska@ujk.edu.pl**

2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

2.1. Language of instruction	**English**
2.2. Prerequisites*	**Anatomy, physiology, clinical outline of diseases**

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 assessment		**Graded credit**
3.4. Teaching methods		**Lecture: informative lectures with a multimedia presentation, conversational lectures** **Practical classes: panel discussion, round table discussion**
3.5. Bibliography	**Required reading**	**1. Sygit M. Zdrowie Publiczne. Wolters, Kluwer, 2017.** **2. Jędrychowski W. Epidemiologia w medycynie klinicznej i zdrowiu publicznym. Wyd. UJ, Kraków, 2010.** **3. Narodowy Program Przeciwdziałania Chorobom Cywilizacyjnym.**
	Further reading	**1. Strony internetowe:** **– www.pzh.gov.pl** **– www.gis.gov.pl** **– www.who.int/peh-emf/** **2. Mamcarz A., Śliż D. Medycyna stylu życia. PZWL, Warszawa, 2018.** **3. Kowalczuk K., Krajewska- Kułak E., Cybulski M. Wybrane choroby cywilizacyjne XXI wieku. T.III. Uniwersytet Medyczny, Białystok, 2017.** **4. European Journal of Epidemiology.** **5. European Jounal of Public Health.**

4. OBJECTIVES, SYLLABUS CONTENT AND INTENDED LEARNING OUTCOMES

4.1. Course objectives ***(including form of classes)***

Lectures:

C1. Epidemiology and types of civilization diseases - morbidity and mortality.
C2. Risk factors of selected civilization diseases.
C3. Preventive actions aimed at counteracting civilization diseases.
C4. Development of independent and critical thinking.

Practical classes:

C1. Ability to detect civilization diseases.
C2. Ability to implement methods of preventing civilization diseases.
C3. Development of independent and critical thinking.

4.2. Detailed syllabus ***(including form of classes)***

Lectures

1. Epidemiology of cardiovascular diseases.
2. Epidemiology of selected neoplastic diseases.
3. Epidemiology of selected diseases of the digestive and respiratory systems.
4. Epidemiology of allergic diseases, metabolic diseases.
5. Risk factors for the above-mentioned diseases.
6. The most common symptoms and diagnostics of civilization diseases.
7. Prevention programs of civilization diseases. Types of epidemiological research.

Classes

1. Collecting information about the health of the society.
2. Analysis of morbidity and mortality due to selected civilization diseases based on available data.
3. Designing research to diagnose the intensity of dysfunctions in the field of physical and mental health.
4. Analysis of selected civilization disease prevention programs.

4.3 Intended learning outcomes

Code	A student, who passed the course	Relation to learning outcomes
within the scope of **KNOWLEDGE:**		
W01	Has knowledge of the epidemiology of civilization diseases, their causes and the validity of interventions aimed at strengthening and restoring health.	DI1P_W01 DI1P_W07
W02	Has knowledge of the organization and conduct of research diagnosing the health of the society in relation to selected civilization diseases.	DI1P_W02 DI1P_W04
W03	Knows and understands the mechanisms of changes taking place in the human body in selected civilization diseases and the validity of interventions.	DI1P_W05 DI1P_W06
within the scope of **ABILITIES:**		
U01	Can analyze data on morbidity and mortality due to selected civilization diseases.	DI1P_U01
U02	Can adequately analyze and identify problems in the field of biopsychosocial functioning.	DI1P_U03 DI1P_U08
U03	Can define the role of a dietitian in the prevention of selected civilization diseases.	DI1P_U04
U04	Is able to prepare an epidemiological research plan concerning selected civilization diseases.	DI1P_U10
within the scope of **SOCIAL COMPETENCE:**		
K01	Adequately formulates opinions on the role of a dietitian in the diagnosis, treatment and prevention of selected civilization diseases.	DI1P_K04
K02	Recognizes the need to supplement and verify knowledge.	DI1P_K05

4.4. Methods of assessment of the intended learning outcomes

Teaching outcomes *(code)*	Method of assessment (+/-)																					
	Test			Project			Self-study			Effort in class			Group work									
	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*	*...*							
W01	+									+												
W02	+									+												
W03	+									+												
U01														+								
U02														+								
U03														+								
U04					+			+						+								
K01										+	+											
K02					+									+								

4.5. Criteria of assessment of the intended learning outcomes

Form of classes	Grade	Criterion of assessment
L e	**3**	Presence at all classes. Obtaining positive responses from 61-68% of the test tasks.

	3,5	Presence at all classes. Getting positive responses from 69-76%. % of test tasks. Incidental activity in the classroom initiated by the lecturer.
	4	Presence at all classes. Obtaining positive responses from 77-84% of the test tasks. Occasional activity at lectures.
	4,5	Presence at all classes. Getting positive answers from 85-92% of the test tasks. Activity during most of the lectures.
	5	Presence at all classes. Getting positive answers from 93-100% of test tasks. Activity at all lectures.
Classes (C)	**3**	Presence at all classes. The epidemiological research project developed by the student did not fully correspond to the algorithm presented by the lecturer. He is not active during group work. Not very active in class. He himself is not very involved in solving the assigned tasks.
	3,5	Presence at all classes. The epidemiological research project developed by the student did not fully correspond to the algorithm presented by the lecturer. Takes little activity during group work. Not very active during classes in contact with the lecturer. He tries to solve the assigned tasks well on his own.
	4	Presence at all classes. The epidemiological study design developed by the student corresponded to the algorithm presented by the lecturer, but did not include diagnostic methods that could be used. Student active during group work. Not very active during classes in contact with the lecturer. He tries to solve the assigned tasks well on his own.
	4,5	Presence at all classes. The epidemiological research project developed by the student corresponded to the algorithm presented by the lecturer. Student active during group work. Not very active during classes in contact with the lecturer. He tries to solve the assigned tasks well on his own.
	5	Presence at all classes. The epidemiological research project developed by the student corresponded to the algorithm presented by the lecturer. The student systematically actively participates in group work. Always prepared to discuss with the lecturer and group members. He solves commissioned tasks very well on his own, using wide sources of information.

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

Category	**Student's workload**	
	Full-time studies	**Extramural studies**
NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER /CONTACT HOURS/	**40**	**30**
Participation in lectures	**15**	**10**
Participation in classes	**25**	**20**
INDEPENDENT WORK OF THE STUDENT/NON-CONTACT HOURS/	**35**	**45**
Preparation for the lecture	**2**	**5**
Preparation for the classes	**20**	**20**
Preparation for the test	**8**	**10**
Gathering materials for the project	**3**	**5**
Development of a multimedia presentation	**2**	**5**
TOTAL NUMBER OF HOURS	**75**	**75**
ECTS credits for the course of study	**3**	**3**

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

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