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

DESCRIPTION OF THE COURSE OF STUDY

Course code	1012.4.KOS2.B/C.MBN	
Name of the course in	Polish	***Metodyka badan naukowych***
	English	***Methodology of scientific research***

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

1.1. Field of study	Cosmetology
1.2. Mode of study	Full-time/ Extramural studies
1.3. Level of study	Master's degree
1.4. Profile of study*	Practical
1.5. Person/s preparing the course description	dr hab. inż. prof. UJK Paweł Mochalski
1.6. Contact	paweł.mochalski@ujk.edu.pl

2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

2.1. Language of instruction	English
2.2. Prerequisites*	Basic knowledge of the methodology of scientific research from the bachelor's degree of cosmetology

3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

3.1. Form of classes		Lectures, classes
3.2. Place of classes		Teaching rooms of the UJK
3.3. Form of assessment		Exam, credit with grade
3.4. Teaching methods		Lecture: information and problem lectures Exercises: discussion, work in small groups
3.5. Bibliography	**Required reading**	1. Babbie E., Badania społeczne w praktyce, PWN, Warszawa 2005 2.Dutkiewicz W., Podstawy metodologii badań do pracy magisterskiej i licencjackiej z pedagogiki. Wyd. Stachurski. Kielce 2001. 3.Frankfort – Nachmias Ch., Nachmias D., Metody badawcze w naukach społecznych, Zysk i S-ka Wydawnictwo s.c., Poznań 2001 4. Hajduk Z., Ogólna metodologia nauk, Wydanie II zmienione, KUL, Lublin 2011 5. Trzeciak B., Podstawy metodologii badań medycznych. Skrypt dla studentów wydziałów fizjoterapii, pielęgniarstwa i kosmetologii, Łódź-Kołobrzeg 2010 6. Wołowicka L., Jakość życia w naukach medycznych. Wyd. AM. Poznań 2001.
	Further reading	1. Creswell JW. Projektowanie badań naukowych. Metody jakościowe, ilościowe i mieszane, Wydawnictwo Uniwersytetu Jagiellońskiego, Kraków 2013. 2. Krajewski M. O metodologii nauk i zasadach pisarstwa naukowego 2010. 3. Lesińska – Sawicka M., Metoda case study w pielęgniarstwie. Wyd. Med.Borgis. Warszawa 2009. 4. Artykuły tematyczne w języku angielskim stosownie do tematu.

4. OBJECTIVES, SYLLABUS CONTENT AND INTENDED LEARNING OUTCOMES

4.1. Course objectives

Lecture

C1. Acquiring in-depth knowledge of the essence of science and its complexity with research methods and procedures typical of health sciences

Classes

C2. Acquisition by students of the ability to choose research issues as well as design and implement it in accordance with the methodology of health sciences

C3. Stimulating research interests, cooperation and work in a research group, as well as compliance with ethical principles in research, as well as the need for lifelong learning

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

Lecture/classes

1. Basic concepts of research methodology and methodology. Types of research: exploratory, descriptive, explanatory (classification criteria). Building a model or theory. Scientific work as a creative work, copyrights.

2. Selected methods and techniques of collecting, organizing, analyzing, systematizing, drawing conclusions and presenting the results of own and other authors' research

3. The basic structure of research and descriptive work. Principles of preparing a research report. Writing a thesis in accordance with the accepted rules - organization of the writing process

4. Ethical problems of research in health sciences (including cosmetology).

4.3 Intended learning outcomes

Code	A student, who passed the course	Relation to learning outcomes
within the scope of **KNOWLEDGE:**		
W01	Knows and understands the importance of scientific work as creative work. Is aware of the problems of ethical research in health sciences, including cosmetology.	KOS2P_W02
W02	Student knows the types of scientific research, their conditions and possible applications in cosmetology in relation to contemporary problems	KOS2P_W04
W03	Defines and explains the individual stages of the research process using the knowledge of cosmetology.	KOS2P_W04
within the scope of **ABILITIES:**		
U01	Can formulate the subject of research in cosmetology and selects them, proposes research methods and tools	KOS2P_U01
U02	Designs own research on its own or in a team and carries it out in accordance with the methodology of empirical or descriptive research, using the literature from a given subject of research.	KOS2P_U01
U03	Develops writing and presents research concepts in class	KOS2P_U01
within the scope of **SOCIAL COMPETENCE:**		
K01	Performs research work in a research team in accordance with the assigned role for professional development and in the name of society.	KOS2P_K05
K02	Student independently designs scientific research in the field of cosmetology.	KOS2P_K08

4.4. Methods of assessment of the intended learning outcomes

Teaching outcomes *(code)*	Method of assessment (+/-)																				
	Exam oral/written*			Test*			Project*			Effort in class*			Self-study*			Group work*			Others* e.g. standardized test used in e-learning		
	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	+	-		-	+		+	-		-	-					-	-				
U01	-	-		-	+		+	-		+	-					+	-				
U02	-	-		-	+		+	-		+	-					+	-				
U03	-	-		-	-		+	-		+	-					+	-				
K01	-	-		-	-		+	-		+	-					+	-				
K02	-	-		-	-		+	-		+	-					+	-				

****delete as appropriate***

4.5. Criteria of assessment of the intended learning outcomes

Form of classes	Grade	Criterion of assessment
lecture	**3**	61%-68% Learning programme content on the basic level, replies chaotic, leading questions necessary

	3,5	69%-76% Learning programme content on the basic level, answers systematized, requires assistance from the teacher
	4	77%-84% Learning programme content on the basic level, answers systematized, independent. Solving of problems in typical situations.
	4,5	85%-92% The scope of presented knowledge exceeds the basic level based on the supplementary literaturę provided. Solving of problems in new complex situations.
	5	93%-100% The scope of presented knowledge exceeds the basic level based on independently acquiredscientific sources of information
classes (C)	**3**	61%-68% Learning programme content on the basic level, replies chaotic, leading questions necessary
	3,5	69%-76% Learning programme content on the basic level, answers systematized, requires assistance from the teacher
	4	77%-84% Learning programme content on the basic level, answers systematized, independent. Solving of problems in typical situations.
	4,5	85%-92% The scope of presented knowledge exceeds the basic level based on the supplementary literaturę provided. Solving of problems in new complex situations.
	5	93%-100% The scope of presented knowledge exceeds the basic level based on independently acquiredscientific 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**	**35**
Participation in lectures	15	10
Participation in classes	25	25
INDEPENDENT WORK OF THE STUDENT/NON-CONTACT HOURS/	**35**	**40**
Preparation for the lecture	10	15
Preparation for the classes	25	25
TOTAL NUMBER OF HOURS	**75**	**75**
ECTS credits for the course of study	**3**	**3**

delete as appropriate

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

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