

**A COURSE SYLLABUS – DOCTORAL SCHOOL  
REGARDING THE QUALIFICATION CYCLE FROM 2021 TO 2025**

<b>GENERAL INFORMATION ABOUT COURSE</b>				
Course title		Doctoral seminar		
Name of the unit running the course		Doctoral School at University of Rzeszów		
Type of course ( <i>obligatory, optional</i> )		Obligatory		
Year and semester of studies		I-IV year/I-VIII semester		
Discipline		Health Sciences		
Language of Course		Polish		
Name of Course coordinator		Hab. Edyta Barnaś, Assistant professor		
Name of Course lecturer		Hab. Edyta Barnaś, Assistant professor		
Prerequisites		Before starting the course, a doctoral school student has the knowledge, skills and competences from the completed level 7 of the Polish Qualification Framework.		
<b>BRIEF DESCRIPTION OF COURSE (100-200 words)</b>				
Preparation of a doctoral student for a critical analysis of paradigms in the discipline of health sciences, application of the acquired knowledge to solving complex scientific problems; active participation in scientific meetings; act for your own development on your own, but also through the ability to cooperate in a research team.				
<b>COURSE LEARNING OUTCOMES AND METHODS OF EVALUATING LEARNING OUTCOMES</b>				
Learning outcome	The description of the learning outcome defined for the course	Relation to the degree programme outcomes (symbol)	Learning Format (Lectures, classes,...)	Method of assessment of learning outcomes (e.g. test, oral exam, written exam, project,...)
<b>Knowledge (no.)</b>	<b>Knows and understands</b>			
1	To the extent enabling a revision of the existing paradigms - global achievements, covering theoretical foundations as well as general issues and selected specific issues - appropriate for a scientific or artistic discipline	P8S-WG/1	Seminar	preparation of a research project, preparation of publications, presentation of a paper, conference activity
2	Main developmental trends in scientific or artistic disciplines in which education takes place	P8S-WG/2	Seminar	
3	Scientific research methodology	P8S-WG/3	Seminar	
4	Principles of disseminating the results of scientific activity, also in the mode of open access	P8S-WG/4	Seminar	
5	Basic principles of knowledge transfer to the economic and social sphere as well as commercialization of the results of scientific activity and know-how related to these results	P8S-WK/3	Seminar	
<b>Skills (no.)</b>	<b>Is able to:</b>			
1	Use knowledge from various fields of science or art for the creative identification and innovative solving of complex problems or performing research tasks, in particular: - define the purpose and subject of	P8S-UW/1	Seminar	

	research, formulate a research hypothesis, - develop methods, techniques and research tools and use them creatively, - make conclusions on the basis of scientific research			preparation of a research project, preparation of publications, presentation of a paper, conference activity		
2	Perform a critical analysis and evaluation of the results of scientific research, expert activities and other creative works and their contribution to the development of knowledge	P8S-UW/2	Seminar			
3	Transfer the results of scientific activity to the economic and social sphere	P8S-UW/3	Seminar			
4	Communicate on specialist topics to a degree enabling active participation in the international scientific environment	P8S-UK/1	Seminar			
5	Disseminate the results of scientific activity, also in popular forms	P8S-UK/2	Seminar			
6	Initiate a debate	P8S-UK/3	Seminar			
7	Participate in a scientific discourse	P8S-UK/4	Seminar			
8	Plan and implement individual and team research projects, also in an international environment	P8S-UO	Seminar			
9	Independently plan and act for own development as well as inspire and organize the development of other people	P8S-UU/1	Seminar			
<b>Social competence (no.)</b>	<b>Is ready to:</b>					
1	Critical evaluation of the achievements within a given scientific or artistic discipline	P8S-KK/1	Seminar	preparation of a research project, preparation of publications, presentation of a paper, conference activity		
2	Critical evaluation of one's own contribution to the development of a given scientific or artistic discipline	P8S-KK/2	Seminar			
3	Recognize the importance of knowledge in solving cognitive and practical problems	P8S-KK/3	Seminar			
4	Maintaining and developing the ethos of research and creative communities, including: - conducting scientific activities in an independent manner - respecting the principles of public ownership of the results of scientific activity, taking into account the principles of intellectual property protection	P8S-KR	Seminar			
<b>LEARNING FORMAT – NUMBER OF HOURS</b>						
Semester (no.)	Lectures	Seminars	Lab classes	Internships	others	ECTS
I-VIII	-	Seminar	-	-	240	0
<b>METHODS OF INSTRUCTION</b>						
Discussion, scientific debate, preparation of a presentation, seminar						

## COURSE CONTENT

### Doctoral seminar:

1. Preparation for professional presentation of research results (including own research).
2. Presentation of the methodological assumptions of the research project.
3. Preparation of the application to the bioethical commission.
4. Specifying the topic of the doctoral dissertation.
5. Detailed development of the various stages of the doctoral dissertation (theoretical issues, research plan assumptions)
6. Initiation of the doctoral dissertation opening procedure.
7. Preparation of the publication.
8. Research project report.

## COURSE ASSESSMENT CRITERIA

Portfolio containing all forms of PhD student activity within individual semesters. Portfolio components: application to the bioethics committee, application / application for financing a research project, partial reports on the conducted research, database, documents confirming various forms of scientific activity (including abstracts, certificates of participation in conferences, publications, etc.).

Credit based on the submitted content of the portfolio at the end of each semester, on the basis of which the supervisor assesses the progress of the doctoral student.

## TOTAL PhD STUDENT WORKLOAD REQUIRED TO ACHIEVE THE INTENDED LEARNING OUTCOMES – NUMBER OF HOURS AND ECTS CREDITS

Activity	Number of hours
Scheduled course contact hours	240
Other contact hours involving the teacher (consultation hours, examinations)	
Non-contact hours – student`s own work (preparation for classes or examinations, project, etc.)	In line with your commitment, minimum 20 hours per semester
<b>Total number of hours</b>	
<b>Total number of ECTS credits</b>	

## INSTRUCTIONAL MATERIALS

Complementary literature:	<ol style="list-style-type: none"> <li>1. Radomski D., Grzanka A. Metodologia badan naukowych w medycynie. Poznań, Wydawnictwo Naukowe Uniwersytetu Medycznego, 2011</li> <li>2. Czasopisma onkologiczne z listy MNiE.</li> </ol>
Compulsory literature:	<ol style="list-style-type: none"> <li>1. Lenartowicz H., Kózka M. Metodologia badań w pielęgniarstwie: podręcznik dla studiów medycznych. PZWL, Warszawa, 2013</li> <li>2. Brzeziński J. Metodologia badań psychologicznych. PWN, Warszawa 2019.</li> </ol>