

A COURSE SYLLABUS – DOCTORAL SCHOOL
REGARDING THE QUALIFICATION CYCLE FROM 2025/2026 TO 2028/2029

GENERAL INFORMATION ABOUT COURSE				
Course title	DOCTORAL SEMINAR			
Name of the unit running the course	Rzeszów University Doctoral School			
Type of course (<i>obligatory, optional</i>)	compulsory subject			
Year and semester of studies	years I-IV, semesters: I-VII			
Discipline	Health Sciences			
Language of Course	Polish/English			
Name of Course coordinator	Agnieszka Sozańska, PhD, Professor at the University of Rzeszów			
Name of Course instructor	Agnieszka Sozańska, PhD, Professor at the University of Rzeszów			
Prerequisites	Academic education at the master's degree level. Knowledge, skills and social competences at level 7 of the Polish Qualifications Framework. Foreign language proficiency at level B2.			
BRIEF DESCRIPTION OF COURSE (100-200 words)				
The aim of the Doctoral Seminar in Health Sciences is to support doctoral students in the preparation and implementation of research work leading to a doctoral dissertation by clarifying the problem and objective of the research, planning the project and selecting the appropriate methods, techniques and tools, developing the skills of critical analysis of literature and current scientific achievements, interpreting results and formulating justified conclusions, as well as improving scientific communication, including the preparation of texts and presentations and participation in academic discussion, while shaping an attitude of reliability, responsibility and compliance with research ethics.				
COURSE LEARNING OUTCOMES AND METHODS OF EVALUATING LEARNING OUTCOMES				
Learning outcome	The description of the learning outcome defined for the course	Reference to learning outcomes for qualifications at Level 8 of the Polish Qualification Framework (PRK) (symbol)	Learning Format (Lectures, classes,...)	Method of assessment of learning outcomes (e.g. test, oral exam, written exam, project,...)
Knowledge: (no.)	<i>knows and understands</i>			
P8S_WG1	Possesses extensive theoretical knowledge, supported by research experience and is familiar with current scientific achievements, including global ones, in the field of education in the scientific discipline of health sciences, as well as general issues in related disciplines and research topics to a degree that allows them to confirm or refute existing paradigms.	P8S_WG	seminar	oral presentation, discussion

P8S_WG2	Knows the directions of scientific research in the scientific discipline of health sciences and the latest discoveries, including global ones, in the discipline in which education takes place.	P8S_WG	seminar	oral presentation, discussion
P8S_WG3	Knows, understands and is able to apply concepts used by scientists and specialists in the discipline of health sciences and disciplines in their native language and in a foreign language that is leading in the discipline.	P8S_WG	seminar	oral presentation, discussion
Skills: (no.)	<i>is able to</i>			
P8S_UW1	Based on their knowledge in various fields of science, they are able to identify and solve scientific research problems, define the objective, formulate a hypothesis and the subject of scientific research, select and improve research techniques, methods and tools, and draw conclusions based on the results of scientific research.	P8S_UW	seminar	oral presentation, discussion, written assignments
P8S_UW2	Is able to select and use available scientific literature to diagnose and solve research problems and innovative activities in their research work, as well as apply the appropriate tools to create new elements of scientific output.	P8S_UW	seminar	oral presentation, discussion, written assignments
P8S_UW3	Using their interdisciplinary knowledge to analyse and evaluate the results of scientific research, expert reports and other scientific studies, they are able to formulate opinions, including critical judgements.	P8S_UW	seminar	oral presentation, discussion, written assignments
P8S_UK6	They are able to speak in public to present the results of scientific research and participate in discussions on scientific, social and professional topics in an international environment, using a foreign language at level B2 of the Common European Framework of Reference for Languages.	P8S_UK	seminar	oral presentation, discussion, written assignments
Social competence: (no.)	<i>is ready to</i>			
P8S_KK1	Is prepared to critically evaluate achievements in the scientific discipline of health sciences and to critically evaluate the contribution of their own research results to the scientific development of the discipline in which they are studying.	P8S_KK	seminar	oral presentation, discussion, written assignments

P8S_KK3	Thanks to their extensive knowledge, solves various cognitive and practical problems.			P8S_KK	seminar	oral presentation, discussion, written assignments
LEARNING FORMAT – NUMBER OF HOURS						
Semester (no.)	Lectures	Seminars	Lab classes	Placements	other	ECTS
I - VII	-	-	-	-	7 x 15 godz. -105 godz.	7 x 2 ECTS – 14 ECTS
METHODS OF INSTRUCTION						
<ul style="list-style-type: none"> - <i>ACADEMIC DISCUSSION,</i> - <i>STUDY OF ACADEMIC LITERATURE,</i> - <i>MULTIMEDIA PRESENTATION,</i> - <i>PREPARATION AND PRESENTATION OF RESEARCH OBJECTIVES, RESEARCH METHODS, RESEARCH RESULTS,</i> - <i>FINAL PROJECTS,</i> - <i>PROGRESS IN THE PREPARATION OF A DOCTORAL DISSERTATION</i> 						
COURSE CONTENT						
<p>Semester I Topic 1: Introduction to the doctoral seminar and definition of the area of research in health sciences. Topic 2: Review and critical analysis of the literature on the subject. Topic 3: Formulation of the research problem, research objective and research questions.</p> <p>Semester II Topic 1: Fundamentals of research methodology in health sciences. Topic 2: Selection of research methods, techniques and tools. Topic 3: Development of a research project and implementation schedule.</p> <p>Semester III Topic 1: Principles of research ethics and formal procedures. Topic 2: Pilot testing and verification of research tools. Topic 3: Preparation of methodological chapters of the dissertation.</p> <p>Semester IV Topic 1: Conducting empirical research. Topic 2: Collecting and organising research data. Topic 3: Preliminary analysis and interpretation of research results.</p> <p>Semester V Topic 1: Advanced analysis of quantitative and/or qualitative data. Topic 2: Interpretation of results in the context of current scientific achievements. Topic 3: Preparation of empirical chapters of a doctoral dissertation.</p> <p>Semester VI Topic 1: Discussion of research results and formulation of conclusions. Topic 2: Preparation of scientific articles based on research results. Topic 3: Presentation of research results at a scientific forum</p> <p>Semester VII Topic 1: Editing and proofreading of the entire doctoral dissertation. Topic 2: Assessment of contribution to the development of health sciences. Topic 3: Preparation for the defence of the doctoral dissertation.</p>						

COURSE ASSESSMENT CRITERIA

The assessment covers the doctoral student's continuous work in each semester and academic year in the following areas: conducting research, expanding knowledge, studying literature, commitment and progress in preparing the doctoral dissertation.

The course ends after each semester of implementation:

pass – pass,

fail – fail.

Requirements

The following percentage of points obtained is used in the assessment of the course:

- up to 60% - fail - the doctoral student is not making progress in scientific research, is not expanding their knowledge, is not studying the literature, is not participating in substantive discussions, is not fulfilling their scientific obligations;

- 61% - 100% - pass - the doctoral student is making progress in scientific research, expanding their knowledge, studying basic and supplementary literature, participating in substantive discussions, fulfilling all scientific duties

TOTAL DOCTORAL STUDENT WORKLOAD REQUIRED TO ACHIEVE THE EXPECTED LEARNING OUTCOMES – NUMBER OF HOURS AND ECTS CREDITS

Activity	Number of hours
Scheduled course contact hours	7 x 15 hrs. – 105 hrs.
Other contact hours involving the instructor (duty hours, examinations)	6
Non-contact hours – student's own work (preparation for classes or examinations, project, etc.)	309
Total number of hours	420
Total number of ECTS credits	7 x 2 ECTS – 14 ECTS

INSTRUCTIONAL MATERIALS

Compulsory literature:	<ol style="list-style-type: none"> 1. Hulley S. B., Cummings S. R., Browner W. S., Grady D., Newman T. B. (2016). Projektowanie badań klinicznych (wyd. pol.). Warszawa: Medipage. 2. Creswell, J.W. (2013). Projektowanie badań naukowych. Metody jakościowe, ilościowe i mieszane. Kraków: Wydawnictwo Uniwersytetu Jagiellońskiego.
Complementary literature:	Wytyczne CONSORT, STROBE, PRISMA.

*(1 ECTS POINT CORRESPONDS TO 25–30 HOURS OF TOTAL WORK BY THE DOCTORAL STUDENT REQUIRED TO ACHIEVE THE INTENDED RESULTS)

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Date and signature of the Course instructor

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Approved by the Head of the Department or an authorised person