

**A COURSE SYLLABUS – DOCTORAL SCHOOL  
REGARDING THE QUALIFICATION CYCLE FROM YEAR 2022 TO YEAR 2026.**

<b>GENERAL INFORMATION ABOUT COURSE</b>	
Course title	<b>PhD Seminar</b>
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	II/ semestr III-IV
Discipline	Medical Sciences
Language of Course	Polish
Name of Course coordinator	Prof. dr hab. n. med. Dorota Darmochwał-Kolarz
Name of Course lecturer	Prof. dr hab. n. med. Dorota Darmochwał-Kolarz
Prerequisites	Oral report on the implementation of writing a doctoral dissertation
<b>BRIEF DESCRIPTION OF COURSE (100-200 words)</b>	
<p>Individual consultations in the form of regular, cyclical meetings with a research supervisor devoted to the work on the doctoral dissertation. Qualitative assessment taking into account the activity of the doctoral student, regularity of work, attendance at meetings, progress in the implementation of assigned tasks (research, preparation of the text of the publication, dissertation). The content is related to the area of the PhD student's research work.</p> <p>Methods of conducting classes:</p> <ul style="list-style-type: none"> <li>• Written report</li> <li>• Oral presentations</li> <li>• Discussion panel</li> </ul> <p>Objectives and aims of the course:</p> <ul style="list-style-type: none"> <li>• Assessment of the progress of the research work constituting the basis of the doctoral dissertation:</li> <li>• Developing detailed knowledge in the area of research forming the basis of a doctoral dissertation</li> <li>• Developing the general knowledge of the discipline of medicine and medical biology</li> <li>• Teaching practice - oral presentation, evaluation of other doctoral students' presentations, participation in the discussion as a speaker and listener</li> </ul>	
<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>			
I	Context - conditions and effects	P8S-WK / 3 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	Seminar	Discussion, multimedia presentation
<b>Skills (no.)</b>	<b>(Able to)</b>			
I	Detailed work organization - planning and teamwork	P8S-UW/1 P8S-UW/2 P8S-UW/3 Plan and implement research, formulate a research hypothesis, make conclusions based on scientific research	Seminar	Discussion, multimedia presentation
II	Learning - improving and planning your own development and the development of other people	P8S-UU/1 Independently plan and act for their own development and inspire and organize the development of others	Seminar	Discussion, multimedia presentation
III	Discussion of the basics of implementing grants and scientific projects.	P8S-UW/4 Transfer the results of scientific activities to the economic and social sphere	Seminar	Discussion, multimedia presentation
IV	Scientific discussion, or how to present your position supported by scientific research.	P8S-UK / 4 P8S-UK/6 To participate in the scientific discourse	Seminar	Discussion, multimedia presentation

<b>Social competence (no.)</b>	<b>(Ready to)</b>					
I	Assessments-critical approach	a	P8S-KK/3 P8S-KK/1 Critically evaluate achievements; recognize the importance of knowledge in solving cognitive and practical problems	Seminar		Discussion, multimedia presentation
II	Professional role - responsibility and ethos development		P8S-KR Maintaining and developing the ethos of research and creative communities, including: - conducting scientific activities in an independent manner - respecting the principle of public ownership of the results of scientific activity, taking into account the principles of intellectual property protection	Seminar		Discussion, multimedia presentation
<b>LEARNING FORMAT – NUMBER OF HOURS</b>						
Semester (no.)	Lectures	Seminars	Lab classes	Internships	others	ECTS
III and IV	–	–	–	–	30	4
<b>METHODS OF INSTRUCTION</b>						
Discussion panel, multimedia presentation, own work						
<b>COURSE CONTENT</b>						
<p>Seminars:</p> <p>Review of the literature related to the subject of doctoral dissertations in the field of medical sciences, prepared by doctoral students.</p> <p>Theoretical foundations and assumptions of the prepared doctoral dissertations.</p> <p>The scope and manner of research implementation.</p> <p>The results of own research along with their interpretation and discussion of the significance of the obtained results for science and their applicability</p>						
<b>COURSE ASSESSMENT CRITERIA</b>						

The pass mark is an active participation in the seminar consisting in asking questions and conducting a substantive discussion on the presentation of the research results presented during the seminar.

**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	30
Other contact hours involving the teacher (consultation hours, examinations)	–
Non-contact hours – student`s own work (preparation for classes or examinations, project, etc.)	10
<b>Total number of hours</b>	<b>40</b>
<b>Total number of ECTS credits</b>	<b>4</b>

**INSTRUCTIONAL MATERIALS**

Compulsory literature:	1. APANOWICZ J., METODOLOGICZNE UWARUNKOWANIA PRACY NAUKOWEJ: PRACE DOKTORSKIE, PRACE HABILITACYJNE, WARSZAWA 2005; 2. GAMBARELLI G., ŁUCKI Z., JAK PRZYGOTOWAĆ PRACĘ DYPLOMOWĄ LUB DOKTORSKĄ, KRAKÓW 1995; 3. GROBLER A., METODOLOGIA NAUK, KRAKÓW 2006
Complementary literature:	1. Niedzielska E., Mały poradnik autora i recenzenta pracy naukowej, Wrocław 1993; 2. Wójcicki W., Prace i egzaminy dyplomowe. Regulaminy, standardy, wskazówki, Warszawa 2006