A COURSE SYLLABUS – DOCTORAL SCHOOL

REGARDING THE QUALIFICATION CYCLE FROM YEAR 2022 TO YEAR 2026.

GENERAL INFORMATION ABOUT COURSE	
Course title	**PhD Seminar**
Name of the unit running the course	Doctoral School at University of Rzeszów
Type of course *(obligatory, optional)*	Obligatory
Year and semester of studies	I - IV / semestr I-VII
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	Completed full-time studies in medicine, possession of a medical degree.

BRIEF DESCRIPTION OF COURSE
(100-200 words)

Individual consultations in the form of regular, cyclical meetings with the supervisor, devoted to the work on the dissertation. Qualitative assessment taking into account the doctoral student's activity, regularity of work, attendance at meetings, progress in the completion of assigned tasks (conducting research, preparation of the text of the publication, dissertation). The subject content is related to the doctoral student's area of research work.

Assumptions and objectives of the subject:
- Assessment of the progress of the research work constituting the basis of the doctoral dissertation;
- Development of detailed knowledge in the area of research constituting the basis of the doctoral dissertation;
- Development of the doctoral student's general knowledge in the discipline of medicine and medical biology;
- Teaching practice - oral presentation, assessment of the presentations of other doctoral students, participation in discussions as a speaker and listener.

COURSE LEARNING OUTCOMES AND METHODS OF EVALUATING LEARNING OUTCOMES

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,...)
Knowledge (no.)	**(Knows and understands)**			

P8S_WG	He is familiar with the world achievements and possesses knowledge providing theoretical grounds for verifying existing paradigms in the discipline of medical sciences and related disciplines thematically related to the conducted scientific research.	**P8S_WG1**	Seminar	Discussion, multimedia presentation
P8S_WG	Has knowledge of the global direction of ongoing research and the latest scientific discoveries in the discipline of medical sciences.	**P8S_WG2**	Seminar	Discussion, multimedia presentation
P8S_WG	He/she knows and uses specialist terminology in Polish and foreign language used in the discipline of medical sciences and related disciplines.	**P8S_WG3**	Seminar	Discussion, multimedia presentation
Skills (no.)	**(Able to)**			
P8S_UW	Use his/her knowledge in the field of medical sciences and health sciences for creative identification and innovative solution of complex problems or performance of tasks of research character, and in particular: to define the aim and subject of scientific research, to formulate a research hypothesis, to develop methods, techniques, research tools and to use them creatively and to draw conclusions on the basis of conducted research.	**P8S_UW/1**	Seminar	Discussion, multimedia presentation
P8S_UW	Select and use scientific literature to identify and solve a variety of research problems and those related to innovative activities, and use appropriate tools to create new elements of scientific output.	**P8S_UW/2**	Seminar	Discussion, multimedia presentation
P8S_UW	Critically analyse and evaluate the results of scientific research, expert papers and other scientific publications and their contribution to the development of science.	**P8S_UW/3**	Seminar	Discussion, multimedia presentation

P8S_UK	Actively participate in the national and international professional and scientific community communicating in a foreign language at the B2 ECTS level.	**P8S_UK/6**	Seminar	Discussion, multimedia presentation
Social competence (no.)	(**Ready to)**			
P8S_KK	Critically reflect on research achievements in the scientific discipline of medical sciences and related disciplines.	**P8S_KK/1**	Seminar	Discussion, multimedia presentation
P8S_KK	Recognise the usefulness of their knowledge in solving theoretical and practical problems.	**P8S_KK/3**	Seminar	Discussion, multimedia presentation

LEARNING FORMAT – NUMBER OF HOURS

Semester (no.)	Lectures	Seminars	Lab classes	Internships	others	ECTS
I - VII	_	15 hrs. x 7 – 105 hrs.	_	_	-	14

METHODS OF INSTRUCTION

Panel discussion, multimedia presentation, own work, written report, oral presentations.

COURSE CONTENT

Program content implemented throughout the entire education cycle:

Review of literature related to the subject of doctoral dissertations in the field of medical sciences prepared by doctoral students.

Theoretical foundations and assumptions of the doctoral dissertation being prepared.

Scope and manner of implementing scientific research.

Preparation of the application to the Bioethics Committee.

Conducting pilot tests.

Eval of the results of pilot tests.

Creation of scientific research.

Care of own research together with their interpretation and discussion of the importance of obtained results for learning and their application.

COURSE ASSESSMENT CRITERIA

The condition for passing after each semester is the active participation in the seminar consisting in asking questions and conducting substantive discussions regarding the presentations presented during the seminar.
The binding scale of grades resulting from the education program: 2.0, 3.0, 3.5, 4.0, 4.5, 5.0.

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	7 x 15 hrs. – 105 hrs.
Other contact hours involving the teacher (consultation hours, examinations)	_
Non-contact hours – student`s own work (preparation for classes or examinations, project, etc.)	305 hrs
Total number of hours	420 hrs
Total number of ECTS credits*	14

INSTRUCTIONAL MATERIALS	
Compulsory literature:	1. APANOWICZ J., METHODOLOGICAL CONDITIONS OF SCIENTIFIC WORK: DOCTORAL DISSERTATION, HABILITATION WORK, WARSAW 2005; 2. GAMBARELLI G., ŁUCKI Z., HOW TO PREPARE A DIPLOMA OR DOCTORAL DISSERTATION, KRAKOW 1995; 3. GROBLER A., SCIENCE METHODOLOGY, KRAKOW 2006
Complementary literature:	1. Niedzielska E., Little guide of the author and reviewer of scientific work, Wrocław 1993; 2. Wójcicki W., Diploma works and exams. Regulations, standards, tips, Warsaw 2006

*(1 ECTS CREDIT CORRESPONDS TO 25 - 30 HOURS OF THE TOTAL WORKLOAD OF A DOCTORAL STUDENT, NEEDED TO ACHIEVE THE ESTABLISHED EFFECTS).

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DATE AND SIGNATURE OF THE COURSE LECTURER

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Approved by the Head of the Department or an authorised person