

**A COURSE SYLLABUS – DOCTORAL SCHOOL
REGARDING THE QUALIFICATION CYCLE FROM 2020 TO 2024**

GENERAL INFORMATION ABOUT COURSE				
Course title	PhD 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	YEAR I-IV/ sem. I-VIII			
Discipline	Medical sciences			
Language of Course	English			
Name of Course coordinator	Professor Adam Reich, MD, Ph.D.			
Name of Course lecturer	Professor Adam Reich, MD, Ph.D.			
Prerequisites	1. Basic knowledge of human anatomy, physiology and pathophysiology. 2. Ability to use the principles of research-based medicine (EBM) 3. Knowledge of basic skin diseases and sexually transmitted diseases.			
BRIEF DESCRIPTION OF COURSE (100-200 words)				
<p>The aim of the course is to familiarize the doctoral student with the research subject of the future doctoral dissertation and to specify the topic of this work, in particular:</p> <ol style="list-style-type: none"> 1. Discussion and practical use of techniques of free expression and professional presentation of research results, as well as self-presentation. 2. Discussion and practical use of techniques for disseminating research results of one's own and other researchers during classes with students and in popularizing activities. 3. Preparation and delivery by a doctoral student of one paper, which should be an introduction to the scientific discipline along with the definition of its research topic. 4. Overview and practical use of basic research methods and techniques for the implementation of the proposed research project. 				
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)			
1	To the extent enabling the revision of the existing paradigms - global achievements, covering theoretical foundations as well as general issues and selected specific issues - appropriate for the scientific discipline of medical science.	P8S-WG/1	Seminar	Discussion, oral presentation, oral answer, chapter, passing the seminar
2	The main development trends in the discipline of medical science - specialization in skin diseases and sexually transmitted diseases.	P8S-WG/2	Seminar	Discussion, oral presentation, oral answer, chapter, passing the seminar
3	Methodologies of scientific research in the field of the discipline of medical science.	P8S-WG/3	Seminar	Discussion, oral presentation, oral answer,

				chapter, passing the seminar
4	Principles of disseminating the results of scientific activity, also in the mode of open access.	P8S-WG/4	Seminar	Discussion, oral presentation, oral answer, chapter, passing the 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	Discussion, oral presentation, oral answer, chapter, passing the seminar
Skills (no.)	(Able to)			
1	Use knowledge from various fields of science or art for creative identification and innovative solving of complex problems or performing research tasks, in particular: - define the aim and subject of scientific research, formulate a research hypothesis, - develop methods, techniques, research tools and use them creatively - make conclusions on the basis of scientific research.	P8S-UW/1	Seminar	Discussion, oral presentation, oral answer, chapter, passing the seminar
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	Discussion, oral presentation, oral answer, chapter, passing the seminar
3	Transfer the results of scientific activity to the economic and social sphere.	P8S-UW/3	Seminar	Discussion, oral presentation, oral answer, chapter, passing the seminar
4	Communicate on specialist topics to a degree enabling active participation in the international scientific environment.	P8S-UK/1	Seminar	Discussion, oral presentation, oral answer, chapter, passing the seminar
5	Disseminate the results of scientific activity, also in popular forms.	P8S-UK/2	Seminar	Discussion, oral presentation, oral answer, chapter, passing the seminar
6	Initiate a debate.	P8S-UK/3	Seminar	Discussion,

				oral presentation, oral answer, chapter, passing the seminar
7	Participate in the scientific discourse.	P8S-UK/4	Seminar	Discussion, oral presentation, oral answer, chapter, passing the seminar
8	Plan and implement individual and team research projects, also in an international environment.	P8S-UO	Seminar	Discussion, oral presentation, oral answer, chapter, passing the seminar
9	Plan and act for your own development as well as inspire and organize the development of other people.	P8S-UU/1	Seminar	Discussion, oral presentation, oral answer, chapter, passing the seminar
Social competence (no.)	(Ready to)			
1	Critical evaluation of the achievements within the discipline - medical science - specialization in skin diseases and sexually transmitted diseases.	P8S-KK/1	Seminar	Discussion, oral presentation, oral answer, chapter, passing the seminar
2	Critically evaluate your own contribution to the development of a given specialization.	P8S-KK/2	Seminar	Discussion, oral presentation, oral answer, chapter, passing the seminar
3	Recognize the importance of knowledge in solving cognitive and practical problems	P8S-KK/3	Seminar	Discussion, oral presentation, oral answer, chapter, passing the seminar
4	Maintaining and developing the ethos of research and creative communities, including: <ul style="list-style-type: none"> - conducting scientific activity in an independent manner - respecting the principle of public ownership of the results of scientific activity, taking into account the principles of 	P8S-KR	Seminar	Discussion, oral presentation, oral answer, chapter, passing the seminar

	intellectual property protection.					
LEARNING FORMAT – NUMBER OF HOURS						
Semester (n0.)	Lectures	Seminars	Lab classes	Internships	others	ECTS
I-VIII	-	240	-	-	-	0
METHODS OF INSTRUCTION						
seminar, presentation preparation, discussion and scientific debate						
COURSE CONTENT						
Seminar: <ul style="list-style-type: none"> • Discussion and practical use of techniques of free expression and professional presentation of research results, as well as self-presentation. • Techniques for disseminating the results of own research and that of other researchers during classes with students and in popularizing activities • A doctoral student / doctoral student is obliged to deliver one paper, which should be an introduction to the scientific discipline along with the definition of her research topic. • Discussion and practical use of basic research methods and techniques for the implementation of the proposed research project 						
COURSE ASSESSMENT CRITERIA						
Oral presentation, active participation, oral answer. Grade: passed – failed						
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)			100+			
Non-contact hours – student`s own work (preparation for classes or examinations, project, etc.)			1000+			
Total number of hours			1340+			
Total number of ECTS credits			0			
INSTRUCTIONAL MATERIALS						
Compulsory literature:	1. W.H.C. Burgdorf, G. Plewig, H. H. Wolff, M. Laddthaler: Braun-Falco DERMATOLOGY. Springer Verlag					
Complementary literature:	1. World Health Organisation Regional Office for Europe. Health 2020. A European Policy Framework Supporting Action Across Government and Society for Health and Well-Being. Copenhagen: World Health Organisation Regional Office for Europe; 2012					