

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

GENERAL INFORMATION ABOUT COURSE				
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		Year I - IV / semester I - VII		
Discipline		PHYSICAL CULTURE SCIENCES		
Language of Course		Polish		
Name of Course coordinator		prof. dr hab. Wojciech Cynarski		
Name of Course lecturer		prof. dr hab. Wojciech Cynarski		
Prerequisites		In-depth knowledge, skills and competencies in various fields of physical culture sciences.		
BRIEF DESCRIPTION OF COURSE (100-200 words)				
Familiarization with the principles of dissertation preparation and its internal structure. Analysis of basic methodology in scientific research. Orientation in the choice of the correct path of methodological proceedings in the creation of the next stages of the doctoral dissertation. Substantive and methodological analysis of the process of creating a doctoral dissertation - at all stages of its development.				
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 that it is possible to revise existing paradigms, it knows the world achievements, including theoretical foundations and general issues and selected specific issues relevant to the scientific discipline of physical culture sciences.	P8S-WG/1	Seminar	credit assessment/ statement oral
2	Directions of development and recent discoveries in the selected scientific discipline, current scientific achievements, including world achievements, in the field of research in medical and health sciences.	P8S-WG/2	Seminar	credit assessment/ statement oral
3	Conceptual grid of the discipline of physical culture sciences (also in the foreign language leading for it). and related disciplines.	P8S-WG/3	Seminar	credit assessment/ statement oral
Skills (no.)	(Able to)			
1	Use knowledge from various fields of science to creatively	P8S_UW/1	Seminar	credit assessment/

	identify and innovatively solve complex scientific problems or perform tasks of a research nature, in particular: define the purpose and object of scientific research, formulate a research hypothesis, develop research methods, techniques and tools and creatively apply them, make conclusions based on scientific research.			statement oral
2	Select and use scientific literature to identify and solve research problems and those related to innovative activities, as well as use the appropriate workshop to create new elements of this body of work.	P8S_UW/2	Seminar	credit assessment/ statement oral
3	Perform critical analysis and evaluate the results of scientific research, expert activities and other works of a creative nature and their contribution to the development of knowledge.	P8S_UW/3	Seminar	credit assessment/ statement oral
4	Actively participate in the international scientific and professional environment communicating in a foreign language at the B2 level of the ECTS.	P8S_UK6	Seminar	credit assessment/ statement oral
Social competence (no.)	(Ready to)			
1	Critical evaluation of achievements within the discipline of physical culture sciences physical culture.	P8S_KK1	Seminar	credit assessment/ statement oral
2	Recognize the importance of knowledge in solving cognitive and practical problems.	P8S_KK3	Seminar	credit assessment/ statement oral

LEARNING FORMAT – NUMBER OF HOURS

Semester (no.)	Lectures	Seminars	Lab classes	Internships	others	ECTS
1 - 7	-	7 x 15 hrs. – 105 hrs.	-	-	-	14

METHODS OF INSTRUCTION

- Analysis and interpretation of various sources of knowledge in physical culture sciences;
- Analysis of texts with discussion;
- analysis of statistical data;
- multimedia presentations;
- development of research results;

COURSE CONTENT	
<p>Program content of the subject implemented in semesters 1 to 7:</p> <ol style="list-style-type: none"> 1. Analysis of basic research methods: observation, diagnostic survey, experiment. 2. Formulation of research problems and questions, research objectives and research hypotheses. 3. Individual selection of sources of knowledge to develop the selected research problem. Selection and critical analysis of knowledge sources. 4. Preparation of the dissertation concept. 5. Methods of qualitative and quantitative analysis of the conducted research. 6. editing of the dissertation - formal structure of the dissertation (scientific language of the study, bibliographic description, error control). 7. Justification of the purpose of undertaking the study in the introduction and indication of the effects of the application of the conducted research in the conclusion of the dissertation. 8. development of paper and electronic bibliography. 9. principles of protection of intellectual property. 10. Discuss the basic principles of conducting the examination and defense of the dissertation. 	
COURSE ASSESSMENT CRITERIA	
<p>1st year. To specify the topic of the dissertation; to prepare, with the promoter's participation, an individual research plan, a preliminary concept of the dissertation, a bibliography, and a review of Polish and foreign literature. Possible semester grades are: 2.0, 3.0, 3.5, 4.0, 4.5, 5.0.</p> <p>2nd year. Prepare and hand in to the supervisor a review and selection of research methods and techniques used in the dissertation, prepare and write a dissertation plan and methodological chapter. Possible semester grades are: 2.0, 3.0, 3.5, 4.0, 4.5, 5.0.</p> <p>Third year. Conducting research and compiling the results and presenting them in the form of a presentation and a written chapter. Possible semester grades are: 2.0, 3.0, 3.5, 4.0, 4.5, 5.0.</p> <p>4th year. Presentation of the final version of the dissertation to the supervisor. Possible semester grades are: 2.0, 3.0, 3.5, 4.0, 4.5, 5.0.</p>	
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	105 hrs. - 7 x 15 hrs.
Other contact hours involving the teacher (consultation hours, examinations)	100
Non-contact hours – student`s own work (preparation for classes or examinations, project, etc.)	215 hrs.
Total number of hours	420 hrs.
Total number of ECTS credits	14

INSTRUCTIONAL MATERIALS	
Compulsory literature:	<ol style="list-style-type: none"> 1. Cynarski W.J. (2021), Methodology of social and anthropological-cultural research in physical culture sciences and in the field of tourism, UR, Rzeszów. 2. Siwiński W., Tauber R. (2006), Methodology of scientific research, WSHiG, Poznań. 3. Weiner J. (1992), Technique of writing and presenting scientific papers, Uczelniane Skrypty UJ, Krakow.
Complementary literature:	<ol style="list-style-type: none"> 1. Cynarski W.J. (2000), Methodology of research on Far Eastern martial arts - concepts and problems, "Idō - Movement for Culture / Movement for Culture", vol. 1, pp. 46-53. 2. Cynarski W.J. (2003), Introduction to the logic of the new paradigm of science, "Idō - Movement for Culture / Movement for Culture", vol. III, pp. 19-32. 3. Cynarski W.J. (2014), The New Paradigm of Science Suitable for the 21st Century, "Procedia - Social and Behavioral Sciences," vol. 149, pp. 269-275. 4. Grabowski H. [ed.] (1996), Empirical methods in physical culture sciences, AWF, Krakow. 5. Wojciechowski T. (1998), How to write diploma works - bachelor's and master's: a guide, Wyższa Szkoła Zarządzania i Marketingu, Warsaw. 6. Zaczyński W. (2000), Research work of a teacher, WSZiP, Warsaw. 7. Zenderowski R. (2009), Master's thesis, Bachelor's thesis. A short guide to the methodology of writing and defending a thesis, Warsaw.

*(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