A COURSE SYLLABUS – DOCTORAL SCHOOL

REGARDING THE QUALIFICATION CYCLE FROM 2021 TO 2025

GENERAL INFORMATION ABOUT COURSE	
Course title	**Scientific Research Methodology**
Name of the unit running the course	**Doctoral School at University of Rzeszów**
Type of course *(obligatory, optional)*	obligatory
Year and semester of studies	Year I, winter semester
Discipline	legal sciences
Language of Course	Polish
Name of Course coordinator	Renata Świrgoń - Skok
Name of Course lecturer	Renata Świrgoń - Skok
Prerequisites	A candidate starting his/her doctoral training in the subject of research methodology should have basic general knowledge of legal sciences.

BRIEF DESCRIPTION OF COURSE
(100-200 words)

The main aim of teaching the subject is to familiarise doctoral students with the basic concepts and assumptions of scientific research and to provide knowledge enabling them to plan and carry out scientific research projects. The classes include a review of basic research methods and tools. During the classes, a PhD student also gets acquainted with the research process, starting from: correct posing of a research problem and hypotheses, through creating a research plan, proper selection of the source basis, as well as interpretation of information collected during preparation of a research paper, and the ability to obtain information for scientific purposes, correct inference and respecting copyrights. Additionally, the doctoral student is prepared to conduct their own research in the area of legal sciences and to independently develop and present their results.

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.)				
1	He knows, to the extent necessary to revise existing paradigms, the world acquis covering theoretical foundations and general and selected specific issues specific to the discipline of legal sciences	**P8S-WG/1**	lecture	Observation of the student's attitude and engagement during the class
2.	Knows the main development trends of the discipline of legal sciences	**P8S-WG/2**	lecture / exercises	Presentation of the different stages of research, elaboration and interpretation

				of research results, oral statement, discussion
3.	Know scientific research methodology, especially in the field of legal sciences	**P8S-WG/3**	lecture / exercises	Credit on the basis of the preparation of a short research paper after completion of exercises
4.	Is knowledgeable about the principles of dissemination of the results of scientific activity, including through open access mode	**P8S-WG/4**	exercises	Continuous observation
Skills (no.)				
1.	Be able to use knowledge of the field of legal sciences to creatively identify and innovatively solve complex problems or perform tasks of a research nature, in particular: - define the aim and subject of scientific research, formulate a research hypothesis, - develop research methods, techniques, research tools and apply them creatively - make conclusions on the basis of scientific research	**P8S-UW/1**	exercises	Discussion, correct formulation of the research problem, choice of research methods, elaboration of results
Social competence (no.)				

LEARNING FORMAT – NUMBER OF HOURS

Semester (no.)	Lectures	Seminars	Lab classes	Internships	others	ECTS
I	10	20	-	-	-	0

METHODS OF INSTRUCTION

E.G, LECTURE: A PROBLEM-SOLVING LECTURE/A LECTURE SUPPORTED BY A MULTIMEDIA PRESENTATION/ DISTANCE LEARNING CLASSES: TEXT ANALYSIS AND DISCUSSION/PROJECT WORK (RESEARCH PROJECT, IMPLEMENTATION PROJECT, PRACTICAL PROJECT)/ GROUP WORK (PROBLEM SOLVING, CASE STUDY, DISCUSSION)/DIDACTIC GAMES/ DISTANCE LEARNING LABORATORY CLASSES: DESIGNING AND CONDUCTING EXPERIMENTS)

Lecture: informative lecture, using IT tools such as databases, on-line library catalogues, etc.

Exercises: presentation of planned research, solving problems and tasks, review of scientific literature, group work, discussion

COURSE CONTENT

1. **Lectures/ ~~Seminars~~:**
   The essence of scientific methodologies.
   Division and typology of scientific research.

Methods of conducting scientific research in legal sciences.
Research problem conception, research problem selection, research hypotheses formulation and verification.
Protection of intellectual property and ethics in conducting scientific research

2. **Seminars / ~~Lab classes/ others~~:**

Structure of the research process, principles of planning the research process.
Setting the research problem, the justification for undertaking research.
Hypothesis versus thesis.
Classification of variables and types of research indicators.
Selection and construction of methods and research tools.
Course of research and its elaboration - empirical and statistical analysis.
Preparing results in the form of presentations and scientific papers.
Publishing process.

COURSE ASSESSMENT CRITERIA

Form of completion: lecture - pass/fail; exercises - pass/fail.
A credit of the lecture - on the basis of the presentation of individual stages of research, development and interpretation of research results, oral statement, discussion.
A credit for exercises - on the basis of preparing a short research paper after the end of the course.
The assessment will include the manner of setting a research problem (10%), justification of the problem (10%), the choice of research methods and their characteristics (20%), the development and interpretation of results (30%), the selection of appropriate literature (10%) and the format of the work - clarity, logic of argument, proper citation, independence (20%). 51-60% dst; 61-70% +dst; 71-80% db; 81-90% +db; 91-100% bdb

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)	10
Non-contact hours – student`s own work (preparation for classes or examinations, project, etc.)	20
Total number of hours	60
Total number of ECTS credits	0

INSTRUCTIONAL MATERIALS

Compulsory literature:	1. Creswell J.W., 2013. Projektowanie badań naukowych – metody jakościowe,

	ilościowe i mieszane Wydawnictwo UJ. Kraków. 2. Nachmias Ch., D., Metody badawcze w naukach społecznych, Zysk i S-ka Wydawnictwo S.C., Poznań 2001 3. Z. Ziembiński, Podstawowe problemy prawoznawstwa, Warszawa 1980. 4. J. APANOWICZ, METODOLOGICZNE UWARUNKOWANIA PRACY NAUKOWEJ: PRACE DOKTORSKIE, PRACE HABILITACYJNE, WARSZAWA 2005
Complementary literature:	1. Z. Ziembiński, Wykłady socjologii dla prawników i administratywistów, Warszawa 1990. 2. Weiner J. Technika pisania i prezentowania prac naukowych, Wydawnictwo UJ, Kraków, 1992.