

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 (<i>obligatory, optional</i>)	obligatory			
Year and semester of studies	1 st year, Fall semester			
Discipline	Political science and public administration			
Language of Course	Polish			
Name of Course coordinator	Agnieszka Pawłowska			
Name of Course lecturer	Agnieszka Pawłowska, Bogusław Kotarba			
Prerequisites	The student has a basic knowledge of the methods, techniques and tools of research in social sciences; the student is able to select suitable methods to investigate particular issues in political science and public administration, and to apply right techniques and research tools.			
BRIEF DESCRIPTION OF COURSE (100-200 words)				
<p>The aim of the course is to recall and extend the student's knowledge of theoretical approaches, methods and research techniques relevant to the discipline. As a result of participation in the course, the student is able to formulate research hypotheses and select methods and techniques corresponding to the topic of his doctoral dissertation. The aim of the course is also to shape the student's critical attitude towards the present and own research. The course on methodology in the social research consists of lectures and classes. Lectures cover the characteristics of the discipline of political science and public administration – its ontology and epistemology, and in particular its theoretical approaches and research methods. The lecture will also address the principles of the data openness policy as well as the rules and methods of publishing research results in open access. Classes address the issues of defining the research problem and planning the research process: students will learn to formulate research hypotheses on the basis of selected social indicators and variables. They will also learn the basics of research methods and techniques applicable in the field of political science and public administration.</p>				
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. EK_01	The student knows trends in the development of political science and public administration.	P8S-WG/2	Lectures, classes	Written exam, project
2. EK_02	The student lists and characterizes the functions of research in social sciences and approaches to ontology and epistemology of scientific research.	P8S-WG/3	Lectures, classes	Written exam, project
3. EK_03	The student lists and describes the basic analytical categories and theoretical approaches in	P8S-WG/1	Lectures, classes	Written exam, project

	the political science and public administration.			
4. EK_04	The student defines the terms: method, technique, research tool. Lists and describes research methods in the political science and public administration, and indicates suitable techniques and tools.	P8S-WG/3	classes	Written exam, project
5. EK_05	The student knows the rules of publishing research results, also in open access.	P8S-WG/4	Lectures	Written exam, project
Skills (no.)				
1. EK_06	The student defines the aim of the research and its subject using the analytical categories appropriate for political science and public administration.	P8S-UW/1	Lectures, classes	project
2. EK_07	The student formulates the main research hypothesis and detailed hypotheses (lemmas).	P8S-UW/1	classes	project
3. EK_08	The student selects the method, techniques and research tools to verify the research hypothesis.	P8S-UW/1	Lectures, classes	project
4. EK_09	The student applies selected theoretical approaches to the analysis of political phenomena and processes, and those proceeding in public administration.	P8S-UW/1	Lectures, classes	project
Social competence (no.)				
1. EK_10	Critically analyses the content of the academic literature, the results of other scholars' research and the results of own research.		classes	project

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; multimedia presentation; deductive and inductive creation of theoretical knowledge with the use of empirical data; analysis of academic literature on research methods and techniques, moderated discussion, problem solving

COURSE CONTENT

1. Lectures/ Seminars:

- Political science and public administration – institution building and research practice. Distinctive

features of an academic discipline. Distinctive features of the political science and public administration.

- Functions of an academic research. Approaches to ontology and epistemology of research in social sciences.
- Selected theoretical approaches in the political science and public administration.
- Policy of data openness – rules and methods of publishing research results in open access.

2. Seminars / Lab classes/ others:

- Science - method - language
- Research process and problem
- Research hypotheses
- Indicators and variables of social phenomena
- Research methods and techniques
- Mixed methods
- A survey
- An interview
- Document-based research

COURSE ASSESSMENT CRITERIA

Lecture – a written exam covering the content of lectures and classes.

Classes – graded assessment on the basis of: active participation in classes, preparing of a research project related to the research problem in the field of political science and public administration.

Assessment criteria for lecture:

very good – comprehensive answers to all exam questions;

good – providing a comprehensive answer to at least 1/3 of exam questions and a correct / satisfactory answer to 2/3 of them ;

sufficient – providing a correct / satisfactory answer to at least 2/3 of exam questions.

Assessment criteria for classes:

very good – active participation in over 80% of classes; precise designation of the field and topic of research; formulation of an original research problem, and innovative hypotheses inspired by a properly selected theory; selection of methods, techniques and research tools proper for the topic of research; using the language of science and concepts appropriate for political science and public administration;

good – active participation in 60-80% of classes; designation of the field and topic of research requiring minor corrections; correct formulation of the research problem and valid hypotheses; selection of research methods, techniques and tools proper to solve the research problem; using the language of science;

sufficient – active participation in less than 60% of classes; designation of the field and topic of the research requiring corrections; formulation of the research problem and formally correct hypotheses; using the language that does not fully meet the scientific conditions.

**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)	5
Non-contact hours – student’s own work (preparation for classes or examinations, project, etc.)	60

Total number of hours	95
Total number of ECTS credits	0
INSTRUCTIONAL MATERIALS	
Compulsory literature:	<p>Beyme K. von 2000. Die Politischen Theorien Der Gegenwart, Wiesbaden: VS Verlag für Sozialwissenschaften.</p> <p>Jemielniak D. (red.) 2012. Badania jakościowe, t. 1 i 2, Warszawa: PWN.</p> <p>Kraus-Mozer B. 2005. Teorie polityki. Założenia metodologiczne, Warszawa: PWN.</p> <p>Marsh D., Stoker G. (Eds) 2002. Theory and Methods in Political Science, Palgrave Macmillan.</p> <p>Nowak S. 2006. Metodologia badań społecznych, Warszawa: PWN.</p> <p>Sztumski J. 2020. Wstęp do metod i technik badań społecznych, Katowice: Wydawnictwo Naukowe „Śląsk”.</p>
Complementary literature:	<p>Bäcker R. i in. 2016. Metodologia badań politologicznych, https://repozytorium.umk.pl.</p> <p>Buttolph-Johnson J.B., Reynolds H.T., Mycoff J.D. 2015. Political Science Research Methods, CQ Press.</p> <p>Frankfort-Nachmias C., Nachmias D. 2014. Research Methods for the Social Sciences, Freeman/Worth</p> <p>Frederickson H.G., Smith K.B. 2003. The Public Administration Theory Primer, Boulder: Westview Press.</p> <p>Łastawski K. 2008. Metoda systemowa w badaniach politologicznych, <i>Athenaeum</i>, 19, s. 178-191.</p> <p>Pawłowska A. 2016. Governance jako podejście teoretyczne – kilka kwestii spornych, <i>Polityka i Społeczeństwo</i>, 3(14), DOI: 10.15584/polispol.2016.3.1.</p> <p>Szymański A. 2006. Analiza systemowa w badaniach politologicznych nad problematyką europejską, <i>Przegląd Europejski</i>, 2(13), s. 94-107.</p> <p>Yin R.K. 2017. Case Study Research and Applications: Design and Methods, SAGE Publications, Inc.</p> <p>Zalewski S. 2009. Bezpieczeństwo polityczne jako przedmiot badań, w: A. Antoszewski, A. Dumala, B. Krauz-Mozer, K. Radzik (red.), Teoretyczne i metodologiczne wyzwania badań politologicznych w Polsce, Lublin: Wydawnictwo UMCS, s. 237-260.</p>