

Methodology of Educational Research - course description

General information	
Course name	Methodology of Educational Research
Course ID	0314-WP-PED-MBS
Faculty	Faculty of Social Sciences
Field of study	WNS - oferta ERASMUS / Pedagogy
Education profile	-
Level of studies	Second-cycle Erasmus programme
Beginning semester	winter term 2020/2021
Head faculty	Faculty of Social Sciences

Course information	
ECTS credits to win	5
Course type	obligatory
Teaching language	english
Author of syllabus	<ul style="list-style-type: none">dr hab. Dorota Szaban, prof. UZdr hab. Ewa Narkiewicz-Niedbalec, prof. UZ

Classes forms					
The class form	Hours per semester (full-time)	Hours per week (full-time)	Hours per semester (part-time)	Hours per week (part-time)	Form of assignment
Class	30	2	-	-	Credit with grade

Aim of the course

The aim of the course is giving students knowledge of the main problems of methodology of social sciences, showing the specific character of social reality as an object of scientific cognition and learning how to start preparation for sociological research

Prerequisites

No special prerequisites

Scope

Lecture:

Science and the Faculty of Art as a kind of social practice; Contemporary classification of science and its reference to the Aristotle - Bacon - Comte classification; Empiricism (Bacon) and rationalism (Descartes) as the ideals of proven, certain knowledge. Two paths leading to the contemporary constructivism; Newton's classical mechanics as the ideal of scientific theory and Immanuel Kant's recognition of it; Synthesis of empiricism and constructivism in Kant's views on cognition; Science in the 19th century: new directions of research, the nature of mathematical knowledge and the emergence of non-Euclidean geometries; Scientism and positivist conception of science; Status of the Faculty of Arts: Wilhelm Dilthey, Wilhelm Windelband, Heinrich Rickert; Fundamentals of hermeneutics; Henri Poincaré as a precursor of modern constructivism (conventionalism); Assumptions and types of contemporary constructivism: anarchist, elitist, social, demarcationist; Concept of scientific theory; Scientific theories in sociology and their peculiarities (sociological theory - social theory); Sociological theories and sociological reality, value systems and ideology; Social mechanisms of constructing a theory in social sciences; Concept of truth in science;

Class:

The area and problems of methodology; Defining scientific knowledge and its application;

Specific character of social sciences; Natural and non-natural reality and the adequate segments of science; The basics of the methodology of social sciences; Substantiation of cumulative and revolutionary conception of development of the knowledge; Substantiation of the paradigms: positivistic, humanistic and postmodernistic; Procedure of explanation: explanation and "interpretative approach" (understanding); Types of propositions – hypothesis, historical generalizations and laws of science; The cognitive process and the research process - selection of method, variables, indicators,

Teaching methods

Explaining and lecturing;

Lecture with discussion. Class discussion;

Demonstrating - teaching through examples and case studies description.

Small groups discussion. Case studies.

Learning outcomes and methods of theirs verification

Outcome description	Outcome symbols	Methods of verification	The class form
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Outcome description	Outcome symbols	Methods of verification	The class form
Students should know a basic notions of methodology of social research; they should know history of the development of scientific knowledge; They should be able to choose and justify the method and tools in their own research project;		<ul style="list-style-type: none"> Written examination in form of a test. The assessment is performed in accordance with the 20-point grading scale. Project report plus individual oral defense of the project report. 	<ul style="list-style-type: none"> Class

Assignment conditions

Written examination in form of a test. The assessment is performed in accordance with the 20-point grading scale. Project report plus individual oral defense of the project report.

Recommended reading

1. Babbie Earl, The Basics of Social Research, Third Edition, Wadsworth Publishing, Thomson Learning, Inc. 2005
2. Chalmers Alan F., What is This Thing Called Science, Queensland UP. 1982; (it isn't available in the library of UZ) (ed. in polish language: Czym jest to, co nazywamy nauką? (tłum.) A.Chmielewski, Siedmiogród 1993;
3. Klee Robert, Introduction to the Philosophy of Science, Oxford UP, 1997 (it isn't available in the library of UZ);
4. Nachmias David, Frankfort-Nachmias Chava, Research Methods in the Social Sciences Study Guide, Baskerville Buecher, 2007

Further reading

1. Logic, methodology and philosophy of science at Warsaw University: studies and contributions to the 11th International Congress of Logic, Methodology and Philosophy of Science, Kraków (Cracow) august 20-26, 1999 / ed. by Mieszko Tałasiewicz. - Warszawa : "Semper", 2002 (it is available in the library of UZ);
2. Philosophy of Science: official journal of the Philosophy of Science Association. - Michigan : Philosophy of Science Association, 1996-2006. (it is available in the library of UZ)

Notes

*The subject can be run every semester, in case there is not enough persons to make a group there will be individual class run during instructor hours.

Modified by dr Jarosław Wagner (last modification: 08-07-2020 17:58)

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