

Course title		Research Methodology of Economics						ECTS code		14.3.EE.OR.878		
								ECTS credits		3		
Name of unit administrating study		KET		Field of study		Economics		Field of specialisation		NONE;		
Teaching staff		Jan Burnewicz, Professor ; Monika Bąk, Associate Professor										
Number of hours												
Lectures	10	Classes	0	Tutorials	0	Laboratory	0	Seminars	0	Language classes	0	
Forma aktywności							Year&Type of studies*		1 SDang,			
Hours with the participation of the academic teacher (including office hours, exams, others):							Semester:		1-2,			
Hours without the participation of the academic teacher (student's self-study, homeworks):							Type of course:		obligatory			
Total number of hours:						0	Language of instruction:		English			
Teaching form		in-class learning										
Teaching methods		Lectures including multimodal presentations,										
Prerequisites (required courses and introductory requirements)												
Required courses		Basic skills in writing scientific text approved by MA/MSc or similar diploma										
Introductory requirements		English language Technology of information										
Assessment method, forms and criteria												
Assessment method		Exam										
Assessment criteria		Essay on the hypothesis of phd thesis  grading scale: 0-20 p. - Failure 21-24 p. - Acceptable 25-28 p.- Adequate 29-32 p. - Good 33-36 - Very Good 37-40 p. - Excellent										
Course objectives												
The objective of the course is to teach doctoral students to explore and study in the economic research area and to prepare to write PhD thesis. The expected effect of the course is also to present a wide thematic panorama of contemporary economics with a special emphasis put on the aspects demanding scientific exploring.												
Learning outcomes												
Knowledge		E3_W01	PhD student is familiar with the main stream and modern economic theories, knows their place and significance in the system of science and knows the material and functional scope of observation, analysis and economic evaluation [++]									
		E3_W03	Student has a thorough knowledge on modern methods and instruments of economic research, is able to solve problems and economic and social dilemmas [+++]									
		E3_W05	Student knows and understands the principles and system of protection of industrial property and copyright law [++]									
Verification of learning outcomes - Knowledge												
Outcomes	written exam	oral exam	test	essay/paper /portfolio	tasks/ homeworks	individual presentation	group presentation	classroom activities	classroom discussion	individual project	group project	
E3_W01				X	X			X				
E3_W03				X	X			X				
E3_W05				X	X			X				

Skills	E3_U02	PhD student can make use of proven cost-effective test procedures and make a critical evaluation of the existing economic results of scientific research [+++]
	E3_U03	Student is able to create an economic research hypothesis and apply adequate methods of verification [+++]
	E3_U10	Student is able to create effective and efficient research projects on different economic issues [++]
	E3_U11	Student is able to elaborate synthesis of research results and to present them to public appearances [++]

**Verification of learning outcomes - Skills**

Outcomes	written exam	oral exam	test	essay/paper /portfolio	tasks/ homeworks	individual presentation	group presentation	classroom activities	classroom discussion	individual project	group project
E3_U02				X	X			X			
E3_U03				X				X			
E3_U10				X	X			X			
E3_U11				X	X			X			

Attitudes	E3_K03	PhD graduate student is able to prepare and implement independently the economic and interdisciplinary research, guided by the scientific teams and to improve his knowledge and skills [+++]
	E3_K04	Student creates the attitude of a professional, responsible and ethical relation to the programming and the creation of new economic knowledge and control of the reliability of the scientific community [++]

**Verification of learning outcomes - Attitudes**

Outcomes	written exam	oral exam	test	essay/paper /portfolio	tasks/ homeworks	individual presentation	group presentation	classroom activities	classroom discussion	individual project	group project
E3_K03				X	X			X			
E3_K04				X	X			X			

**Course contents**

1. Basic concepts and characteristics of contemporary economic research
2. Methodology as a basis of the economic research evolution
3. Formulating economic problems and subjects of study
4. The essence and elements of economic research process
5. Techniques and instruments of contemporary economic research
6. Scientific knowledge sources and data sources, application in economic studies
7. Forms and rules of rational economic reasoning (analogy, induction, deduction, comparisons, analysis and synthesis, models and simplifications)
8. Standards of scientific study elaboration

**Recommended reading lists**
**Key readings:**

1. Marc Blaug: The Methodology of Economics or How Economists Explain. Published by the Press Syndicate of the University of Cambridge 1992 (reprint 2006).
2. New Directions in Economic Methodology. Edited by Roger E. Backhouse. Publisher: Routledge, New York. 1994. (e-book: <http://www.questia.com/read/103852508?title=New%20Directions%20in%20Economic%20Methodology> ).
3. Research Methodology in Applied Economics. By Don E. Ethridge. WileyBlackwell 2004.

**Additional readings:**



1. Research Methodology in Economics. Edited by M. Dasgupta. Deep & Deep Publications, India 2007.
2. Research in the History of Economic Thought and Methodology. By Warren J. Samuels, Jeff E. Biddle, and Ross B. Emmett. JAI Press 2006.

**Contact**

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\* SS1- undergraduate studies \* SS2 - graduate studies \* SDang - doctoral studies  
\*\* MSG - International Economic Relations