

(Table 5.2) Course unit description

Study program: Economics
Type and level of studies: Doctoral academic studies
Course unit: Methodology for Scientific Researches
Teacher in charge: Slavica P. Petrovic
Language of instruction: Serbian
ECTS: 9
Prerequisites:
Semester: 1
Course unit objective: <ul style="list-style-type: none">• Introducing the PhD students to the concept of scientific truth, the aims of scientific researches, methodological instruments of the ruling paradigms in socio-economic researches.• Referring the PhD students to the theoretical, methodological and applied dimensions of scientific researches in macroeconomics, business economics and management.• Empowering the PhD students for scientifically valid and practically useful use of methodologies, methods, techniques, models in creative researches into relevant problem areas of macroeconomics, business economics and management.
Learning outcomes of Course unit <ul style="list-style-type: none">• Mastering the general methodological principles of economic science, as a starting point for critical evaluation and objective identification, expression and interpretation of economic phenomena and problem areas.• Theoretical-methodological and practical knowledge of the conditions, ways and results of using the different paradigms, methodologies, methods, techniques, models in a scientific dealing with the relevant phenomena and problems of macroeconomy, business economics and management.
Course unit contents <p>Two key starting points for scientific researches into social, i.e. economic phenomena and their relationships: the individual, i.e. historic and the general, i.e. theoretical. Two basic orientations in the theoretical researches into social, i.e. economic phenomena: the realistic-empirical and the exact-theoretical research. Some of the relevant socio-economic tendencies in the context of contemporary methodological discussions.</p> <p>The key conceptual demarcations: Problems - Problems situations in macroeconomics, business economics and management, as the research subjects. Methods - methodologies, as the instruments for scientifically based, socially responsible and practically useful researches. Methodology between theory and practice. Analytical method and Systems thinking, as the scientific methods for valid researches into phenomena and problems of macroeconomics, business economics and management. Relevant paradigms for scientific researches into problems in economics and management. Multi-, Inter- and Trans-disciplinarity of scientific researches into the phenomena and problems of macroeconomics, business economics and management. Models as instruments for creative thinking and research.</p> <p>The arguments for a critical methodology. The critical thought / paradigm / methodologies <i>versus</i> the conservative thought / functionalist paradigm / positivism. Dialectic as a critical methodology for scientific researches (Concept and key principles). The economic methodology as a critical methodology for scientific researches (General methodological principles of social sciences; Methods of researching economic phenomena and processes; Qualitative and quantitative analysis; Economic models).</p> <p>The basic methods in scientific researches, as a research instrument of a methodology for scientific researches: Abstraction and Concretization; Generalization and Specialization; Induction and Deduction.</p> <p>Hypotheses, as a relevant research instrument in scientific researches (Concept and sources; Formulation and modification; Verification and confirmation).</p> <p>Statistical methods and techniques in scientific researches into economic phenomena and problems.</p> <p>Phases of the scientific research process.</p>
Literature <p>Basic: Menger, K. (2008). <i>Istraživanja o metodi društvenih nauka, s posebnim osvrtom na političku ekonomiju</i>. Knjiga 1, Beograd, Republika Srbija: Službeni glasnik. (Selected chapters). Petrović, S. P. <i>Sistemska mišljenje, Sistemske metodologije</i>. Kragujevac, Republika Srbija: Ekonomski fakultet Univerziteta u Kragujevcu. (Selected chapters). Pečujlić, M. (1989). <i>Metodologija društvenih nauka</i>. Beograd, Republika Srbija: Savremena administracija. (Selected chapters). <i>Ekonomska enciklopedija</i>. (1987). (Redaktor Z. Pjanić). Beograd, Republika Srbija: Savremena administracija. (Selected entries). Šešić, B. (1974). <i>Osnove metodologije društvenih nauka</i>. Beograd, Republika Srbija: Naučna knjiga. (Selected chapters).</p> <p>Supplementary: Blaug, M. (1994). <i>The Methodology of Economics</i>, Cambridge (USA). (Selected chapters). Morgan, G. (1983).</p>

(Ed.). <i>Beyond Methods: Strategies for Social Research</i> . Beverly Hills: Sage Publications. (Selected chapters).				
Number of active teaching hours				Other classes
Lectures 4	Practice	Other forms of classes: Consultations.	Independent work 6	
Teaching methods: Lectures with discussions. Consultations. Mentor's work.				
Examination methods (maximum 100 points)				
Exam prerequisites	No. of points:	Final exam	No. of points:	
Student's activity during lectures	10			
practical classes/tests		Written part of the exam: two tests	40	
Seminars/homework		A draft of scientific project	50	
Project				
Other				
Grading System				
Grade	Bo. Of Points:		Description	
10	91-100		Excellent	
9	81-90		Exceptionally good	
8	71-80		Very good	
7	61-70		Good	
6	51-60		Passing	
5	0-50		Failing	