

Table 5.2. Course Specification

Study Program: Master Academic Studies – Business Economics and Entrepreneurship			
Course Title: Research Methodology			
Teacher(s): Jeločnik J. Marko			
Course Status: mandatory, first year, first semester			
ECTS Credits: 6			
Prerequisite: none			
Course Objective To familiarize students with the basic methodological postulates, specifics of the epistemology of scientific research, philosophical, general scientific and logical (special) research methods for collecting, analyzing and explaining scientific work (its structure and stages in the process of scientific research). Any scientific research is a systematic study of objects, phenomena and processes that occur in nature and society and is based on the application of scientific instruments for collecting, processing and analyzing data, as well as on the application of scientific methods for drawing conclusions about the properties of the object of research. Since research differentiates existing knowledge and searches for new knowledge, the research process must respect a strict methodological procedure.			
Learning Outcomes Master's students acquire methodological skills for using and critically analyzing scientific literature, independently designing and conducting scientific research, and applying the acquired knowledge. The student should independently determine the procedures for a specific research based on which he will draft a scientific idea, conduct research, apply statistics in data processing and interpretation of results, draw certain conclusions, and write a research report.			
Course Content Theoretical Instruction The concept of scientific research methodology; Logic and knowledge. Science and scientific knowledge. Philosophical foundations of science. Objectives of scientific research methodology, its constituent parts. Epistemological foundations of research; Philosophical, general and special methods of scientific research; Individual scientific methods; Techniques for collecting, processing and analyzing scientific material in research; Design and project of scientific research; Stages in the process of scientific research; Methodological errors in writing a master's thesis. Practical Instruction Exercises are implemented through independent research work; Defining the topic of the master's thesis; Formulation of the problem and research goal; Research hypotheses; Collecting information; Selecting and applying research methods; Analysis and synthesis of collected data; Scientific and social contribution of research; Drafting a scientific concept; Discussion of the draft and pointing out methodological errors.			
Literature Jean-Frédéric Morin, Christian Olsson, Ece Özlem Atikcan, <i>Research methods in the social sciences : an A-Z of key concepts</i> Oxford ; New York : Oxford University Press, 2021. Blaug, M. <i>Methodology of Economics</i> , second edition, translation. Faculty of Economics, University of Belgrade., 2017. ISBN - 978-86-403-1514-2; 2nd ed. Murat Yülek, <i>Economic planning and industrial policy in the globalizing economy : concepts, experience and prospects</i> Cham : Springer, 2015			
Number of hours of active teaching	Theoretical Instruction: 30		Practical Instruction: 30
Teaching Methods Ex cathedra; Interactive method, lectures are auditory and supported by slides; Exercises are performed as: auditory (further elaboration of individual topics from the lecture and analysis of characteristic examples); demonstration (presentation of a draft of a scientific idea) and discussion (analysis and discussion of a draft of a scientific idea).			
Knowledge score (maximum number of points 100)			
Pre-exam Requirements	50 points	Final Exam	50 points
Activity during lectures	20	Oral exam	50
drafting a scientific idea	30		