

**Research Methodology Seminar  
HRCM17-108**

**Purpose of course**

**Goals of the subject**

Students will

- understand concepts and tools related to the design and implementation of empirical research;
- know the qualitative and quantitative research methods;
- learn the principles and opportunities of application of the triangulation method;
- become familiar with the most important features of significant empirical studies carried out in the field of human resources in Hungary and in the EU;
- learn the important works of domestic theorists of research methodology;
- elaborate the basic literature on research methodology
- acquire the theoretical background and the most important principles of research design,
- gain insight into the latest trends in empirical research in the international specialized press;
- learn to consciously process the possibilities and limitations of applying empirical research in human resources counseling;
- consciously develop their source-exploration style in the professional area.

**Learning outcomes and competences**

Knowledge:

- to have a broader perspective on research methods,
- to learn the tools of research methodology and the specificities of their application in the field,
- to know the limits of the designability of empirical researches.

Attitude:

- propensity of independent literature processing
- openness to understanding trends and new systemic organization of knowledge
- openness to exchange thoughts and ideas and to experimentation and reflection

Skills:

- to be able to analyze the changes affecting adult education and the labor market and to interpret their consequences in the light of empirical research
- creativity, associative ability
- to be able to produce an empirical research plan
- to be able to analyze research plans and processes
- to be able to integrate the results of empirical surveys into scientific frameworks
- ability to conceptual thinking
- being able to keep up to date with the professional literature
- ability to integrate the experiences, opinions and attitudes of others

**Content of the subject**

**Main content and thematic units**

- Planning a research work – steps and elements of a research plan. Making a Gantt chart.
- Research goal and topic selection.
- Formulation of research hypotheses.
- A research ethics permission. Content and formal requirements.
- Collecting and critical processing of literature.
- Search strategies and processing techniques.
- Creating an own literature database.
- Data collection: the relationship between research strategies and research methods.
- Analysis: processing, analyzing and evaluating data.
- Qualitative and quantitative methods for analyzing data.
- Publishing the results of a research work.
- The basic questions and techniques of writing a scientific publication.

**Planned learning activities and teaching methods**

Frontal, small group and individual work for processing theoretical knowledge.

**Exam and evaluation system****Requirements, methods and aspects of assessment:**

Requirements:

- Active participation in classes at least 80%
- Final exam and seminar test

Topic: The final exam is for checking the knowledge received during the semester. The subject of the seminar paper is the preparation of a comprehensive empirical research plan covering all major research steps from the formulation of the research hypotheses to the dissemination of the results. (development of research tools, preparation of research ethics, Gantt diagram, etc.).

Method of evaluation: five grade

Aspects of evaluation:

- the appropriateness, professionalism and accuracy of knowledge
- current knowledge of the subject
- interpretation of interrelations, deduction of conclusions
- applying persuasion and writing stylistic tools
- reasoning skills, structure of the papers

**Literature****Compulsory literature:**

- Falus Iván (szerk.) (2000): Bevezetés a pedagógiai kutatás módszereibe. Budapest, Műszaki Könyvkiadó. ISBN: 9631626644
- Falus Iván - Ollé János (2008): Az empirikus kutatások módszertana: adatfeldolgozás és statisztikai elemzés. Budapest, Nemzeti Tankönyvkiadó. ISBN: 9631960118