

Study Programme: Master in Elementary Teacher
Course Unit Title: Methodology of pedagogical research and statistics
Course Unit Code: MU-2-1-1-0
Name of Lecturer(s): Josip Ivanović, Márta Takács, Mónika Csapó, Zita Diana
Type and Level of Studies: Master Studies (MA)
Course Status (compulsory/elective): Compulsory
Semester (winter/summer): Winter
Language of instruction: Hungarian
Mode of course unit delivery (face-to-face/distance learning): Face-to-face learning
Number of ECTS Allocated: 8
Prerequisites: -
Course Aims: To provide students basic knowledge about qualitative paradigms in scientific research, to enable them to plan and implement qualitative research in pedagogy, as well as to encourage critical thinking, research and monitoring of professional and scientific literature.
Learning Outcomes: Gaining competence for planning and implementing qualitative and quantitative research in the field of education, able to think critically about pedagogical practice, able to use scientific literature and statistical procedures.
<p>Syllabus:</p> <p><i>Theory</i></p> <p>Pedagogy as science. Development of scientific research project (problem of research, goal and tasks of research, hypotheses and variables, methods, techniques and research instruments, research sample, dynamics of research, etc.). Statistical methods and methods in research. Evaluation of the research project. Culture of using resources. Methodology of writing scientific researches.</p> <p><i>Practice</i></p> <p>Elaboration and presentation of topics selected by the student and discussions on the topic.</p>
<p>Required Reading:</p> <p><i>Compulsory:</i></p> <p>Falus, I. (2000): Bevezetés a pedagógiai kutatás módszereibe, Budapest: Műszaki könyvkiadó.</p> <p>Falus, I. – Ollé, J. (2000): Statisztikai módszerek pedagógusok számára, Budapest: Okker Kiadó.</p> <p><i>Optional:</i></p> <p>Банђур, В. – Кундачина, М. (2004): Акционо истраживање у школи, Београд: Учитељски факултет.</p> <p>Банђур, В. – Поткоњак, Н. (2000): Методологија педагошког истраживања, Београд: Учитељски факултет.</p>

Halmi, A. (2005): Strategije kvalitativnih istraživanja u primijenjenim društvenim znanostima, Jastrebarsko: Naklada Slap.

Кундачина, М. – Гојков, Г. (1998): Збирка решених задатака из педагошке статистике, Ужице: Учитељски факултет.

Mejovšek, M. (2003): Uvod u kvalitativne metode znanstvenog istraživanja u društvenim i humanističkim znanostima, Jastrebarsko: Naklada Slap.

Weekly Contact Hours: 4 (60)	Lectures: 2 (30)	Practical work: 2 (30)
-------------------------------------	-------------------------	-------------------------------

Teaching Methods:
Lectures, drafting a qualitative pedagogical research, mentoring, independent student work; Teaching methods and procedures are focused on problems, learning by discovering, discussion on the topic of the research.

Knowledge Assessment (maximum of 100 points): 75

Pre-exam obligations	points	Final exam	points
Active class participation	20	written exam	
Practical work		oral exam	30
Preliminary exam(s)			
Seminar(s)			
Drafting a research	25		

The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.