SUBJECT DATASHEET

Degree thesis

BMEGT51XX41374-05

I. SUBJECT DESCRIPTION

1. SUBJECT DATA

Subject name
Degree thesis

ID (subject code)	BMEGT51XX41374-05

Type of subject
contact hour

Course types and lessons

Type	*Lessons*
Lecture	0
Practice	8
Laboratory	0

Type of assessment
term grade

Number of credits
5

Subject Coordinator

Name	*Position*	*Contact details*
Dr. Kanczné dr. Nagy Katalin	assistant professor	kanczne.nagy.katalin@gtk.bme.hu

Educational organisational unit for the subject
Department of Technical Education

Subject website

Language of the subject
magyar - HU

Curricular role of the subject, recommended number of terms

Direct prerequisites

Strong	None
Weak	None
Parallel	None
Exclusion	None

Validity of the Subject Description
Approved by the Faculty Board of Faculty of Economic and Social Sciences, Decree No: 580466/11/2025 registration number. Valid from: 2025.06.25.

2. OBJECTIVES AND LEARNING OUTCOMES

Objectives

The aim of the course is to help students, when writing their thesis, to explore a problem area in their own field in accordance with scientific needs, to interpret and publish the results, and to adhere to specific, uniform formal requirements. The teaching of the course is based on practice.

Academic results

Knowledge

1. Knows the main steps of scientific research
2. Knows the basics of using software supporting research technology.
3. Knows the measurement theory background of research technology.
4. Knows higher-level statistical methods

Skills

1. Able to interpret the steps of a research process.
2. Able to handle statistical methods appropriately.
3. Able to interpret the results revealed during the research, draw conclusions, and publish results.

Attitude

1. Collaborates with the instructor and fellow students in expanding their knowledge.
2. In group tasks, learning and work, both as a leader and as an executor, is decisive, constructive, cooperative, and proactive.
3. Is open and receptive to new results of education and training.

Independence and responsibility

1. Independently thinks through tasks and problems and solves them based on given sources.
2. Openly accepts well-founded critical comments.
3. In group work, in order to achieve the goal, mobilizes his theoretical and practical knowledge and skills autonomously, in cooperation with other members of the group (or occasionally directing them).

Teaching methodology

Consultations and presentations, use of IT tools and techniques, independently prepared assignments.

Materials supporting learning

- Csíkos Csaba (2020). A neveléstudomány kutatásmódszertanának alapjai. ELTE. ISBN 978-963-489-248-9 https://www.eltereader.hu/media/2020/12/web_Csikos-Csaba_Bevezetes__.pdf
- Josip Ivanović (2016). Bevezetés a pedagógiai kutatás módszertanába. Újvidéki Egyetem. Szabadka. https://magister.uns.ac.rs/files/kiadvanyok/bevpedkutmod/Bevezetes_a_pedagogiai_kutatas_m.pdf
- Kaposi József – Szőke-Milinte Enikő (2022). Kutatási módszerek pedagógusjelölteknek. Pázmány Péter Katolikus Egyetem. Budapest.

II. SUBJECT REQUIREMENTS

TESTING AND ASSESSMENT OF LEARNING PERFORMANCE

General Rules

The learning outcomes stated in point 3.2 are assessed based on the results of three homework assignments completed during the year. This may be modified by active participation in class.

Performance assessment methods

A. Detailed description of performance assessments carried out during the study period: Partial performance assessments (homework): assessment
of the subject's knowledge, skills, attitudes, and competence elements of independence and responsibility. B. Performance assessment carried out during the exam period: none

Percentage of performance assessments, conducted during the study period, within the rating

- **Részteljesítmény értékelés**: 33
- **Részteljesítmény értékelés**: 33
- **Részteljesítmény értékelés**: 34

Percentage of exam elements within the rating

Conditions for obtaining a signature, validity of the signature

Attendance at classes and completion of 60% of partial achievements.

Issuing grades

Excellent	90
Very good	87-89
Good	75-81
Satisfactory	62-74
Pass	50-61
Fail	49-0

Retake and late completion

Homework can be made up in accordance with the provisions of the current Study and Examination Regulations, subject to payment of the
fees prescribed in the Reimbursement and Benefits Regulations.

Coursework required for the completion of the subject

Az órákon való aktív részvétel	8
Kutatás, otthoni felkészülés	142

Approval and validity of subject requirements

Consulted with the Faculty Student Representative Committee, approved by the Vice Dean for Education, valid from: 02.06.2025.

III. COURSE CURRICULUM

THEMATIC UNITS AND FURTHER DETAILS

Topics covered during the term

Recognizing the problem. Planning the research Formulating the research questions. Knowing and applying research methods. Conducting
the research. Formulating solution proposals.

Additional lecturers

Dr. Tóth Péter	egyetemi tanár
Dr. Tóth Tünde	egyetemi docens
Dr. Berzsenyi Emese	egyetemi adjunktus
Dr. Kattein-Pornói Rita	egyetemi adjunktus
Dr. Bükki Eszter	egyetemi adjunktus
Dr. Manojlovics Heléna	egyetemi adjunktus
Dr. Szandi-Varga Péter	egyetemi adjunktus
Dr. Saule Anafinova	egyetemi adjunktus

Approval and validity of subject requirements