

SUBJECT DATASHEET

Degree thesis

BMEGT51XX41374-05

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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 of
Type	Lessons	assessment
Lecture	0	term grade
Practice	8	Number of credits
Laboratory	0	<u>creuits</u> 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 NoneWeak NoneParallel NoneExclusion 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.

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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 pedagógus jelölteknek. 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.

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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

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