



SUBJECT DATASHEET

Research design

BMEGT52M116

I. SUBJECT DESCRIPTION

1. SUBJECT DATA

Subject name

Research design

ID (subject code)

BMEGT52M116

Type of subject

Contact lessons

Course types and lessons

<i>Type</i>	<i>Lessons</i>
Lecture	1
Practice	2
Laboratory	0

Type of assessment

semester grade

Number of credits

3

Subject Coordinator

<i>Name</i>	<i>Position</i>	<i>Contact details</i>
-------------	-----------------	------------------------

Dr. Répáczki Rita	assistant lecturer	repaczki.rita@gtk.bme.hu
-------------------	--------------------	--------------------------

Educational organisational unit for the subject

Department of Ergonomics and Psychology

Subject website

www.erg.bme.hu

Language of the subject

magyar - HU

Curricular role of the subject, recommended number of terms

Programme: **Psychology Master's Programme - Work and organisational psychology specialisation from 2015/16/Term 1**

Subject Role: **Compulsory**

Recommended semester: **3**

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: 5881478/13/2024 registration number. Valid from: 11.12.2024.

2. OBJECTIVES AND LEARNING OUTCOMES

Objectives

As a result of this course, students will learn the basics of research methodology, which they can apply in their scientific work on psycho-logical topics. Throughout the semester, students will be introduced to the methods they will be able to apply in the research process on which their thesis is based. The semester will provide support for the definition of the thesis topic and the planning of the thesis research. The course also aims to provide practical skills for the conduct of a psychology-based research project (and subsequent thesis) and to enable participants to carry out a practical work based on a quantitative, qualitative or systematic literature review methodology, with the support of a tutor.

Academic results

Knowledge

1. Knows research measurement tools and techniques that can be used in the research process in the field of work and organisational psychology.
2. Knows ethical issues and aspects of research.
3. Knows main psychological journals and portals for reviewing research findings.
4. Knows current research trends and topics in psychology.
5. Can conduct targeted literature searches.

Skills

1. Able to process and interpret literature and research findings.
2. Able to regularly update his/her own professional practice on the basis of the latest scientific findings.
3. Able to design a research project.
4. Able to carry out a research process.
5. Able to carry out a supervised practical work, a research project based on quantitative or qualitative methodology.

Attitude

1. Thinks in systems terms about psychological knowledge and human characteristics
2. Applies and constantly improves his/her knowledge.
3. Open to new knowledge.
4. Open to well-founded critical comments.
5. Formulates and communicates his/her own critical comments in a well-founded and improving way.
6. Works as part of a team with fellow students to solve problems.

Independence and responsibility

1. Independently evaluates and analyses individual assignments, and carries out research on a given topic.
2. Meets deadlines.
3. Takes responsibility for own work.
4. Strives to work independently and in a team.
5. Able and willing to ask for help when needed.

Teaching methodology

Lectures, individual (e-learning) assignments on Moodle, preparation and individual presentations, professional materials, support materials.

Materials supporting learning

- Kötelező irodalom:
- Órai anyagok.
- Ajánlott irodalom:
- Babbie, E. (2017). A társadalomtudományi kutatás gyakorlata. Balassi Kiadó, Budapest
- Barthes, R. (1966). An Introduction to the Structural Analysis of Narrative. In R. Barthes, & L. Duisit (Szerk.), *New Literary History* (pp. 237-272). The Johns Hopkins University Press.
- Busselle, R., & Bilandzic, H. (2009). Measuring narrative engagement. *Media Psychology*, 12(4), 321-347.
- Cameron, K. S. & Quinn, R. E. (2006). *Diagnosing and changing organizational culture: Based on the competing values framework*. John Wiley & Sons.
- Ehigie, B. O., & Ehigie, R. I. (2005). Applying qualitative methods in organizations: a note for industrial/organizational psychologists. *The Qualitative Report*, 10(3), 621-638.
- Frank, L. K. (1939). Projective methods for the study of personality. *The Journal of Psychology*, 8(2), 389-413.
- Lewin, K. (1939). Field theory and experiment in social psychology: Concepts and methods. *American Journal of Sociology*, 44(6), 868-896.
- Szokolszky Á. (2020) *A pszichológiai kutatás módszertana*. Osiris Kiadó.
- Booth, V. (1993). *Communicating in Science: Writing a Scientific Paper and Speaking at Scientific Meet-ings*, 2nd Edition, Cambridge University Press, Cambridge
- Coolican, H. (2009). *Research Methods and Statistics in Psychology*. Hooper Education
- Cooper, H., Coutanche, M. N., McMullen, L.M., Panter, A. T., Rindskopf, D., Sher, K. J. (Eds.) (2023). *APA Handbook of Research Methods in Psychology*. American Psychological Association
- Creswell, J. W. (2014). *Research Design: Qualitative, Quantitative and Mixed Methods Approaches* (4th ed.). Thousand Oaks, CA: Sage

- Cuttler, C. Jhangiani, R. S., Leighton, D. C. (2019). Research Methods in Psychology - 4th American Edition. Kwantlen Polytechnic University
- Davis, M. (1996). Scientific Papers and Presentations, Academic Press, San Diego
- Dienes Zoltán (2013). Mitől tudomány a pszichológia? - A tudományos és statisztikai következtetés alapjai. Akadémiai Kiadó Zrt. Budapest
- Fedor Anita, Huszti Éva (szerk.) (2016). Kutatásmódszertani kézikönyv. Debreceni Egyetemi Kiadó
- Héja Gábor, Ligeti György (2005). Módszertan - A társadalmi jelenségek kutatása. Osiris Kiadó
- Price, P. C., Jhangiani, R. S., Chiang, I-C. A., Leighton, D. C., Cuttler, C. (Eds.) (2017). Research Methods in Psychology. Pressbooks
- Vicsek Lilla (2006). Fókuszcsoport. Osiris Kiadó

II. SUBJECT REQUIREMENTS

TESTING AND ASSESSMENT OF LEARNING PERFORMANCE

General Rules

A 2.2. pontban megfogalmazott tanulási eredmények értékelése e-learning házi feladatok és összegző tanulmányi teljesítményértékelés alapján történik.

Performance assessment methods

1. Összegző tanulmányi teljesítményértékelés: a kutatási témához kapcsolódó kutatás terv elkészítése. 2. Részteljesítmény-értékelés

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

- Összegző tanulmányi teljesítményértékelés: a kutatási témához kapcsolódó kutatás terv elkészítése : 50
- Részteljesítmény értékelés (Kutatási terv pre-zentáció) : 50

Percentage of exam elements within the rating

Conditions for obtaining a signature, validity of the signature

Issuing grades

Excellent	95
Very good	90-94%
Good	85–89%
Satisfactory	65-84%
Pass	50–64%
Fail	50% alatt

Retake and late completion

Az összegző tanulmányi teljesítményértékelés a pótlási időszakban – első alkalommal – díjmentesen pótolható vagy javítható.

Coursework required for the completion of the subject

részvétel a kontakt órákon	42
felkészülés a prezentációra	20
kutatási terv elkészítése (házi dolgozat)	28
összesen	90

Approval and validity of subject requirements

Consulted with the Faculty Student Representative Committee, approved by the Vice Dean for Education, valid from: 04.11.2024.

III. COURSE CURRICULUM

THEMATIC UNITS AND FURTHER DETAILS

Topics covered during the term

The aim of the course is to provide methodological support for the preparation of the thesis and to implement the thesis research plan and the processing of the literature related to the research by the end of the semester. The course also aims to provide practical skills for conducting a research project (including a thesis) and to enable participants to carry out a supervised practical work, a quantitative, qualitative or systematic literature review based research project.

- 1 Az előadások során kutatómódszertani témák és konkrét kutatási módszerek kerülnek bemutatásra.
- 2 A résztvevők megismerik azokat a kutatási módszereket és technikákat, amelyeket alkalmazhatnak a munka- és szervezetpszichológiai témájú kutatási folyamatok során.
- 3 Szakirodalom és kutatási eredmények feldolgozása, értelmezésére.
- 4 Saját szakmai gyakorlat rendszeres megújítása.
- 5 Praktikus ismeretek egy kutatás (akár a későbbi szakdolgozat) kivitelezéséhez.

Additional lecturers

Gerákné dr. Krasz Katalin	krasz.kata@gtk.bme.hu
Kun Ágota	kun.agota@gtk.bme.hu
Geszten Dalma	geszten.dalma@gtk.bme.hu
Szabó Bálint	szabo.balint@gtk.bme.hu
Salamon János	salamon.janos@gtk.bme.hu
Halmos Alexandra	halmos.alexandra@gtk.bme.hu

Approval and validity of subject requirements