



SUBJECT DATASHEET

Regional Economics

BMEGT42M521

I. SUBJECT DESCRIPTION

1. SUBJECT DATA

Subject name

Regional Economics

ID (subject code)

BMEGT42M521

Type of subject

contact unit

Course types and lessons

<i>Type</i>	<i>Lessons</i>	<u>Type of assessment</u>
Lecture	2	exam grade
Practice	0	<u>Number of credits</u>
Laboratory	0	5

Subject Coordinator

<i>Name</i>	<i>Position</i>	<i>Contact details</i>
Dr. Szabó Mariann	senior lecturer	szabo.mariann@gtk.bme.hu

Educational organisational unit for the subject

Department of Environmental Economics and Sustainability

Subject website

<https://edu.gtk.bme.hu>

Language of the subject

magyar - HU

Curricular role of the subject, recommended number of terms

Programme: **Regional and Environmental Economic Studies part-time programme, autumn start**
Subject Role: **Compulsory**
Recommended semester: **1**

Programme: **Regional and Environmental Economic Studies part-time programme, spring start**
Subject Role: **Compulsory**
Recommended semester: **2**

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

The aim of the course is to familiarize students with the basics of regional economics, experiences from local and international practices, challenges of regional economics and its main areas.

Academic results

Knowledge

1. The student is familiar with location choice theories (regional microeconomics);
2. with theories describing the various development paths of regional economies (regional macroeconomics);
3. with policies aiming to enhance territorial convergence, the phenomena of territorial development and modes to decreasing territorial inequalities;
4. is aware of the principles and history of both the European Regional Policy and its local application;
5. is aware of Nobel Prize-winning scientists in the field of regional economics, as well as the results of some practical implementations based on their theories.

Skills

1. The student is able to analyse the macro-environment of a town/ city;
2. to analyse the effect of various economic policies on regional growth;
3. to recognize the effectiveness of individual economic policies and their set of tools in managing territorial inequalities;
4. to determine the impact of local and global economic processes on specific locations;
5. to comprehend the local effects and answers to global shocks;
6. to assess the factor endowment structure connected to regional development;
7. to explore the economic-social-environmental portfolio set of the areas, to outline regional development scenarios linked to internal (endogenous) and external (exogenous) factors;
8. to utilize synergies between regional economics and other branches of regional science (population statistics, cartography);
9. and is able to interpret the above in a comprehensible way for both professional and non-professional audiences.

Attitude

1. The student cooperates with the lecturer and peers during the acquisition of knowledge;
2. expands their knowledge through continuous learning;
3. is open to the usage of IT tools;
4. strives to understand complex systems;
5. strives to understand the impact of the economy on human well-being and the injustices arising from the inequalities of resource distribution, and to evaluate the factors necessary to resolve those;
6. strives to prioritize decisions that maximize social well-being and the quality of environmental protection.

Independence and responsibility

1. The student is open to receive well-funded positive and negative feedback;
2. in select instances - as part of a group - cooperates with peers in order to solve tasks;
3. uses a systematic approach in their thinking.

Teaching methodology

Lectures and seminars, problem-solving, oral and written communication. Application of IT tools and techniques

Materials supporting learning

- Illés Iván: Regionális gazdaságtan, területfejlesztés. Budapesti Műszaki és Gazdaságtudományi Egyetem. Typotex Kiadó, Budapest, 2008.
- Előadásanyagok diásorai.
- Lengyel Imre-Rechnitzer János: Regionális gazdaságtan. Dialóg Campus Kiadó, Budapest-Pécs, 2004.
- Lengyel Imre: Regionális gazdaságfejlesztés. Versenyképesség, klaszterek és alulról szerveződő stratégiák. Akadémiai Kiadó, Budapest, 2010.
- Hoover, Edgar M. and Giarratani, Frank, Capello, Roberta (2016). Regional Economics. Routledge, ISBN 9781138855885

II. SUBJECT REQUIREMENTS

TESTING AND ASSESSMENT OF LEARNING PERFORMANCE

General Rules

The learning outcomes stated in point 2.2 are evaluated as follows: During the study period, through summative assessments (two mid-term exams) and a formative assessment, the latter of which appears as a paired/group task to be completed independently/in groups, helping to familiarize the student with the practical application of the course material. Based on the assessments of the study period, a recommended grade can be obtained, the framework of which is explained by the instructor. If the student does not obtain or does not accept the recommended grade, they must take a written and/or oral exam during the exam period.

Performance assessment methods

A. Detailed description of performance evaluations during the study period: 1. Summative assessment: a complex, written evaluation of the knowledge and ability-type competence elements of the subject in the form of two mid-term exams. The mid-term exams are centered

around acquired knowledge and its application, thus focusing on problem recognition and -solution. The course material on which the evaluation is based on is determined by the lecturer of the subject. 2. Formative assessment: a practice-oriented task to be completed in pairs or in groups, intended familiarize the student with the course material. Based on the performance evaluations of the study period, a recommended grade can be obtained, the framework of which is explained by the instructor. B. Description of the performance

evaluation during the exam period: 1. Written and/or oral exam: the student that did not obtain the recommended grade, or does not accept it, is obligated to take a written and/or oral exam during the exam period.

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

- 1st summative assessment: 40
- 2nd summative assessment: 40
- Formative assessment: 20
- Total: 100

Percentage of exam elements within the rating

- Written and/or oral exam (if lacking a recommended grade): 100
- Total: 100

Conditions for obtaining a signature, validity of the signature

The condition for obtaining the signature is the successful completion of the formative assessment. The signature is valid according to the provisions of the CoS.

Issuing grades

Excellent	91
Very good	85–90
Good	76–84
Satisfactory	64–75
Pass	50–63
Fail	0–49

Retake and late completion

1) Pursuant to the current CoS, each summative assessment can be retaken, repeated or completed late. 2) The summative assessments can be retaken, repeated or completed late for the first time during the late completion period free of charge. In the event of a retake, the new result always overwrites the old one. 3) If the student is unable to obtain a grade other than 'Fail' even with the retake, repeat and late completion possibilities according to point 1), they may make a second attempt to successfully complete the course after paying the fee specified in the regulations. 4) Pursuant to the current CoS, in the case of formative assessments, if the assignment was submitted on time, it is possible to repeat or retake it before the end of the late completion period, if the original task has already been accepted by the instructor. 5) Formative assessments can be submitted late, subject to payment of the special procedure fee specified in the regulations. The latest date for late submission is the last day of the late completion period. 6) Retake, repeat and late completion of exams is possible according to paragraphs 121 and 123 of the CoS.

Coursework required for the completion of the subject

participation in contact lessons	28
preparation for contact lessons	14
preparation for summative assessments	48
preparation for formative assessments	40
preparation for exam	20
Total	150

Approval and validity of subject requirements

Consulted with the Faculty Student Representative Committee, approved by the Vice Dean for Education, valid from: 04.14.2024.

III. COURSE CURRICULUM

THEMATIC UNITS AND FURTHER DETAILS

Topics covered during the term

In order to achieve the learning outcomes set out at point 2.2, the subject consists of the following thematic blocks. In the syllabi of the courses announced in each semester, these topics are scheduled according to the calendar and other conditions.

- 1 Introduction. Content and goals of regional science. Subject and main elements of regional economics.
- 2 Development, goals and trends of regional policy in European countries.
- 3 Regions, regionalism, regional development. New challenges and research areas of regional economics.
- 4 Basic issues of regional microeconomics.
- 5 Site theories for agricultural land use.
- 6 Location theories in industry location selection.
- 7 Site selection of services.
- 8 Spatial networks, settlement hierarchies.
- 9 Case studies for today's site selection.
- 10 Regional macroeconomics. Regional mobility of production factors.
- 11 Explanations of regional growth.
- 12 Theories of regional development.

Additional lecturers

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Approval and validity of subject requirements