



SUBJECT DATASHEET

REGIONAL ECONOMICS

BMEGT42M101

I. SUBJECT DESCRIPTION

1. SUBJECT DATA

Subject name

REGIONAL ECONOMICS

ID (subject code)

BMEGT42M101

Type of subject

course with contact classes

Course types and lessons

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

Type of

assessment

Examination

Number of

credits

5

Subject Coordinator

<i>Name</i>	<i>Position</i>	<i>Contact details</i>
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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; angol - ENG

Curricular role of the subject, recommended number of terms

Programme: **Regional and Environmental Economic Studies MSc (in English) from 2019/20/Term 1**

Subject Role: **Compulsory**

Recommended semester: **1**

Programme: **Regional and Environmental Economics from 2016/17/Term 1, AUTUMN start**

Subject Role: **Compulsory**

Recommended semester: **1**

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: 581046/15/2021. Valid from: 24.11.2021.

2. OBJECTIVES AND LEARNING OUTCOMES

Objectives

The aim of the course that students become familiar with the basics of regional economics, experiences from local and international practices, challenges of regional economics and its main areas.

Academic results

Knowledge

1. Familiarized with the location choice theories (regional microeconomics);
2. Familiarized with theories describing the various development paths of regional economies (regional macroeconomics);
3. Familiarized with policies aim to enhance territorial convergence, the phenomena of territorial development and modes to decreasing territorial inequalities;
4. Comprehends principles and history of both the European Regional Policy and its local application;
5. And finally comprehend the theories of various scientists, economists awarded by Nobel prize award and the effects of their theories in practice.

Skills

1. The student is able to analyse the macro-environment of a town/ city;
2. Analyse the effect of various economic policies to regional growth;
3. Analyse the effect of various economic policies to decrease regional inequalities;
4. Asses the effects of international, national economic, social processes to localities;
5. Comprehend the local effects and answers to global shocks,
6. Assess the factor endowment structure connected to regional development,
7. Analyse regional economic, social and environmental factor portfolio, differentiation between exogenous and endogenous development factors and development of regional trajectories;
8. Find synergies between regional economics and other branches of regional science;
9. And capable to report about the themes listed above both for scientific and every-day people.

Attitude

1. Cooperation with other peers and lecturer;
2. Continuous learning;
3. Openness to use IT tools;
4. Positive attitude towards complex systems;
5. Has aspirations toward reducing different inequalities within the society;
6. Commitment to take decisions from social well-being and sustainability perspective

Independence and responsibility

1. Capable for individual analysis in relation to regional economics;
2. Open to receive both positive and negative feedbacks;
3. Capable for teamwork, ready to cooperate;
4. Apply system-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 diasorai.
- 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 assessment of the learning outcomes formulated in point 2.2. is based on: 1. 2 mid-term written performance measurements: two summative performance assessment (mid-term exams); 2. Active participation in seminars; 3. Compulsory formative assessment (group presentation and report)) to register mid-term progress with continuous feedback from the instructor through supportive assessment of ongoing development.

Performance assessment methods

A. Assessment during the semester 1. summative performance assessment: a complex, written way of evaluating the competence-type competence elements of the subject and knowledge in the form of mid-term exams. The successful writing of the exam requires the correct interpretation

of the concepts with the help of the acquired knowledge, as well as the knowledge of the application areas of sustainability analysis methods (including environmental evaluation). The part of the learning materials on which the evaluation is based refers to the topics covered in the previous lectures, the available working time is 30 minutes. 2. formative assessment: homework and presentation to register mid-term progress with continuous feedback from the instructor through supportive assessment of ongoing development; the lecturer

determines the topics and deadlines. B. Assessment during the exam period 1. Inclusion of mid-term results; 2. Written assess

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

- 1st midterm: 40%
- 2nd midterm: 40%
- Compulsory formative assessment (Presentation): 20%
- total: 100%

Percentage of exam elements within the rating

- Acceptance of the mid-term performance (two mid-term test are above 80 % of points) or oral exam: 100%
- total: 100%

Conditions for obtaining a signature, validity of the signature

Completion of the compulsory formative assessment; the signature is valid throughout the entire duration of the studies.

Issuing grades

Excellent	90-100
Very good	85-90
Good	76-84
Satisfactory	63-75
Pass	50-63
Fail	0-50

Retake and late completion

1. From the two summative performance assessments each ones could be retaken or corrected. 2. The summative performance assessments could be retaken or corrected once free of charge during the repeat period. In case of correction the new result always corrects the previous one. 3. A retake, repeat of one summative assessment is allowed for a second time upon payment of a special charge defined in this Code of Studies and Exams of BME.

Coursework required for the completion of the subject

participation in contact lessons	56
preparation for classes	14
homework	50
preparation for performance assessment	30
total	150

Approval and validity of subject requirements

Consulted with the Faculty Student Representative Committee, approved by the Vice Dean for Education, valid from: 04.10.2021.

III. COURSE CURRICULUM

THEMATIC UNITS AND FURTHER DETAILS

Topics covered during the term

- 1 An introduction to the course. Origins of Regional Economics.
- 2 Development of regional policy, aims and goals in the European countries.
- 3 Regions, regionalization, territorial development. Challenges of regional economics and examination areas.
- 4 Fundamentals of regional microeconomics.
- 5 Agricultural location theories.
- 6 Industrial location theories.
- 7 Location choice of services.
- 8 Spatial networks, settlement hierarchy.
- 9 Nowadays' location choices.
- 10 Regional macroeconomics. Factor endowment, factor mobility and effects on regional income.
- 11 Theories of regional growth.
- 12 Theories of regional development.

Additional lecturers

Approval and validity of subject requirements