Code	M17VFB07E	ECTS Credit	6	HUN Credit	6
Term:	**spring**		**Level:**	**4**	
Module Title:	**REGIONAL ECONOMICS AND DEVELOPMENT**				
Module Leader:	Dr. Attila Varga, DSc university professor Norbert Szabó assistant professor		**Office Hours:**	Tuesday: 2:00pm – 4:00 pm	
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Short Description:	The course of Regional Economics and Development aims at providing insights into the key role of spatial processes (globalization, localization) in economics and business. The course introduces the most important theories of regional economies, the key methodologies applied in the study of regions as well as the most frequently followed strategies in modern regional development.				

Sessions (weeks): 13

Schedule is tentative and subject to change.

Lecture

1.	Introduction
2.	The spatial dimension in Economics and Business
3.	Firms' location choice I.: Two input and one ouput markets, exogenous transport costs
4.	Firms' location choice II.: Endogenous transport costs and factor prices, simultaneous output and location equilibrium
5.	Firms' location choice III.: Spatial competition
6.	The monocentric city model
7.	Midterm examination
8.	Regional development and growth I.: Demand and supply factors
9.	Regional development and growth II.: Endogenous and cumulative factors
10.	Agglomeration, transport costs and increasing returns: Modeling spatial structure in Geographical Economics
11.	Challenges in regional development: Global competition and regional competitiveness

12.	Regional business networks and industrial districts
13.	Regional cluster development
Seminar	
1.	Introduction
2.	Measures of regional income, inequalities and concentration I.
3.	Measures of regional income, inequalities and concentration II.
4.	Student presentation I.
5.	Measuring and estimating interregional trade
6.	The methodology of complex regional analyzes
7.	Student presentation II.
8.	Regional input-output tables – introduction, challenges, estimation and use (coefficients, trade, etc.) I.
9.	Computer aided student exercises
10.	Student presentation III.
11.	Regional input-output tables – introduction, challenges, estimation and use (coefficients, trade, etc.) II.
12.	National holiday (1st May)
13.	Student presentation IV.

Rationale Including Aims:	This course aims to provide students with the knowledge needed to understand the role of space in economics. The course targets that students (among others) • understand the reasons behind the development of spatial economic structures • grasp the economic role and effects of localization and globalization • determine the causes behind city structure formation • appreciate the feedback from their peers and evaluators

Learning Outcomes: Knowledge	• **Recognize** the role of space in economics and business • **Discuss** the roles agglomeration, transport costs, market structure play in the development of spatial structures • **Describe** the most important factors behind firm locatiom • **Demonstrate** the ability to use empirical methodologies of regional analysis • **Prepare** and deliver persuasive presentations
Learning Outcomes: **Skills**	• **Analyze** the development of spatial structures • **Articulate** the value of space in economic growth • **Use** the vocabulary of regional economics and development
Teaching and Learning Strategies:	Theoretical knowledge is communicated through lectures. Selected chapters of the textbook as well as journal articles related to the lecture material are presented and discussed by students. Additionally, empirical methods of regional analysis are practiced in class.
Assessment Scheme:	Class work (25%) Midterm exam (25%) Final exam (50%)
Further on Assessment:	Student presentations will be evaluated equally based on the following three criteria: - quality of the review - presentation style - own elaboration, thoughts
Core Learning Materials:	Philip McCann (2013) Modern urban and regional economics. Oxford University Press. Andy Pyke, Andrés Rodriguez-Pose, John Tomaney (2017) Local and Regional Development. Routledge, New York. Articles selected for the seminar: - Kemeny, Thomas – Michael Storper (2015): Is specialization good for regional economic development? Regional Studies, Vol. 49, No. 6, pp. 1003-1018.

	- Scott A. J. - Storper M. (2007): Regions, globalizations, development. Regional Studies Vol. 41, No. 1, pp. 579-593. - Cidell, Julie (2015): The role of major infrastructure in subregional economic development: an empirical study of airports and cities. Journal of Economic Geography, Vol. 15, No. 6, pp. 1125-1144. - McCann, Philip (2008): Globalization and Economic Geography: The World is Curved, Not Flat. Cambridge Journal of Regions, Economy and Society, Vol. 1, No. 3, pp. 351-370. - Varga, Attila – Horváth Márton (2014): Regional knowledge production function analysis, IN: Handbook of Research Methods and Applications in Economic Geography, Edward Elgar Publishing Ltd., pp. 511-543. - Kondo, Keisuke - Toshihiro Okubo (2015): Interregional labour migration and real wage disparities: Evidence from Japan, Papers in Regional Science, Vol. 57, No. 1, pp. 145-164. - Franklin, Rachel – David A. Plane (2004): A Shift-Share Method for the Analysis of Regional Fertility Change: An Application to the Decline in Childbearing in Italy, 1952–1991. Geographical Analysis Vol. 36, No. 1, pp. 1-20. - Midmore, Peter – Max Munday – Annette Roberts (2006): Assessing Industry Linkages Using Regional Input – Output Tables. Regional Studies, Vol. 40, No. 3, pp. 329-343.
Further Reading Materials:	Brakman S, Garretsen, H, Marrewijk, C (2009) The new introduction to geographical economics. Cambridge University Press. Cambridge Roberta Capello (2007) Regional Economics. Routledge, London and New York. Mary Edwards (2007) Regional and Urban Economics and Economic Development. Taylor and Francis, New York. John P. Blair, Michael C. Carrol (2009) Local Economic Development. Analysis, Practices and Globalization. Sage Publications, London.