



## Course Syllabus

Course Title: **Regional Economics**

Teaching hours: 2 hours of lectures + 2 hours of seminars

**General objective:** The objective of the course is to acquaint students with the features of economic development of regions, help them to be able to analyze the economical and political problems of regions, be able to evaluate the effectiveness of regional politics and to develop the ability to analyze, evaluate and form the strategies of regional economic development and competitiveness improvement.

**Topics:**

- 1 **Introduction to Regional economics** – the definition of the region and economic system, region in the national economy, functions of the region, classification of regions, regional classification systems of Europe Union.
- 2 **Nowadays context of regional economy** – globalization, the 4th Industrial Revolution, Green Deal, the economic shocks, Smart specialization.
- 3 **Theories and models of regional economic development:** traditional and modern, agglomeration, accumulation, convergence, divergence, model of sustainable development, economic development patterns
- 4 **Role of cities in regional development:** complexity theory, cosmopolitan areas, small and big cities, shrinking cities, urban policies
- 5 **Methodology of economic analysis of regions:** cross regional analysis, regression analysis, location quotients, Herfindahl–Hirschman Index, Gini index, LQ, shift share analysis, Economic Base Multiplier.
- 6 **Analysis of indexes: WEF GCI, SDG Index, HDI, EFI, IW, ISEW, GPI**
- 7 **Dynamics of economics of regions:** disparities in regional development, essence, regularities, principles of allocation of factors of development, interregional trade, interregional migration and unemployment, enterprises and clusters, technology and innovation, foreign direct investment.
- 8 **Regional competitiveness:** concept, factors, presumptions of increasement and decrease of regional competitiveness, regional competitiveness models, measurement.
- 9 **Regional attractiveness:** concept, factors, regional location of economic activity, presumptions of increasement and decrease of regional attractiveness, attractiveness for investment, business, living, studying.
- 10 **Governance:** institutions, local leadership, the role of regional development agencies
- 11 **Regional planning:** essence of regional planning, theory of harmonization of interest groups, methodology of preparation the regional strategy of development, impact and facilities of the public sector in promotion of regional economics and competitiveness
- 12 **Regional development scenarios:** system thinking, systems change, co-creation, leverage points, systems leverage map, scenarios modelling, givens, drivers, prognoses
- 13 **Regional policy effectiveness:** regional policy in Europe Union, regional development programs of Europe Union and structure support, evaluation of effectiveness of regional policy and support