

Master of Agriculture and Rural Development Engineering

Topics of Final Examination, 2021/22 academic year

1. Introduce the main economic contexts and categories of the economic growth and social well-being. The main economic context of optimal use of space. The place and role of agriculture in economic development.
2. Introduce the main objectives and instruments of the economic and agricultural policies. The characteristics, economic relationships, resources of the food industry. The main groups and characteristics of the agricultural resources
3. Role and interrelationship of national and regional development plans in agricultural and rural development processes. The concept of rural areas in the European Union and Hungary, the main contexts of rural development policy, presentation of the objectives of the programmes defining the directions of development.
4. Structure of agricultural production, trends in agricultural production in Hungary and internationally. The economic context of land ownership and land use. The place, role and importance of representative organizations in agriculture.
5. The institutional and instrumental framework of agricultural regulation in the European Union. The sectoral system of agriculture, analysis and evaluation of its interrelationships. Main links between input and output processes.
6. The role and characteristics of human resources in agricultural production, issues of employment policy. Main features of the possibilities of employment in agriculture. Possibilities of complex development of agricultural human resources.
7. Main characteristics and possibilities of vertical and horizontal cooperation in food industry. The main context of the economic benefit of cooperation. Relationships between actors in the agricultural production chains, possible forms of cooperation. Good Agricultural Practice (GAP).
8. The role and structure of crop production and plantations in the national economy in Hungary. Trends and directions in crop production in the light of European Union regulation.
9. The role and structure of livestock farming in the national economy in Hungary. Trends in the market regulation of livestock production in the European Union, the main context of animal welfare regulation.
10. Role, methods and tools of regional science and regional economics. The role and significance of the export base, endogenous and polarisation development theories. The main context of the centre and periphery theory in domestic regional development.

11. The main contexts of the historical development of regional policy, its evolution, long-term objectives, resources and role in regional development. The main parts of the NUTS system, the role of small regions in regional development.
12. The key factors, measurement and indicators of regional disparities (Dual-index, weighted relative dispersion and Hoover-index). System of Community initiatives in the European Union to reduce territorial disparities. Community-led local development (CLLD)
13. Types of regional development strategies, similarities and differences. Location of the different development zones in the European Union. The importance, emergence and spatial spread of technology and innovation.
14. The main relations of regional planning and programming theories, the practical implementation. The institutional system of territorial planning in the country. Steps of the spatial planning process, main issues of planning monitoring. International examples, presentation of good practices.
15. Specific organisational elements supporting regional economic development. Main tasks and practical problems of local economic development management. The main interrelations between the objectives of the European Regional Development Fund (ERDF) and the Cohesion Fund.
16. Capital mobility and its impact on spatial structure. Economic development opportunities, directions and financial resources of the tourism in the European Union. Resources that can be exploited by tourism.
17. Main economic effects of clusters and synergies. Main contexts, forms and opportunities of cluster formation and economic development in the economic structure. The impact of infrastructure development on economic growth, the main context of international trends.
18. The history and main themes of the development of rural sociology, The stages of urbanisation, segregation, slumification and urban sprawl. The Hungarian institutional system of support for agricultural and rural development measures of the European Union.
19. Characteristics of technical development in agriculture; characteristics, directions and opportunities of investment policy in agriculture. Possibilities of alternative energy sources, their development in the main context of domestic energy management.
20. Delimitation and notion of rural area, types of rural areas, changes in rural society, rural population trends. The concept of rural economy, its essence, its main contexts, functions and resources.