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| Name of course: **Land classification and regional development** | **Credit value: 3** |
| **Course** **classification**: compulsory |
| **The proportion of the practical nature of the course, „educational character”: 50/50%** |
| **Type of course:** theoretical and practical, and the **total number: 28 hours** in the given **semester. 14 hours of lecture and 14 hours of practice.**Further (unique) means and properties of knowledge transfer: - |
| **Exam** type (colloquium / practical grade / **other** ):  **practical grade**Further (unique) means of knowledge verification**: -** |
| The curricular **place of the course** (which semester): 3rd semester |
| Prerequisites (if any): **-**  |

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| **Course description: a brief, but informative description of the knowledge to be acquired (14 weeks).** |
| The aim of the course is to familiarise students with the basic characteristics of domestic land use, land classification and spatial development, the related regional and sub-regional spatial structure and rural development contexts, and the planning of spatial processes in the context of the European Union.Curriculum 1. Property structure in Hungary (before and after the political restructuring)
2. The origin, status, conceptual framework and stages of development of land evaluation.
3. Land valuation methods. (Land evaluation basis, Golden Crown land evaluation, D-e-Meter land evaluation), landscape ecology modelling
4. Regulation and process of land-use plans
5. Land valuation, land classification, land registration, land protection provisions
6. Agricultural landscape assessment. The National Ecological Network (NECONET)
7. Land use zoning in Hungary
8. Land management. Aspects of field layout. Relationship between land use and farming.
9. Habitat protection. Habitat improvement. Farming systems
10. Basic concepts of regional planning, the role and purpose of regional planning in market economies.
11. The main theories underlying regional planning (economic zoning, centre-periphery models)
12. Territorial disparities, strategic challenges for territorial development
13. Strategic points for regional planning (population, infrastructure, sustainable development).
14. Spatial planning in practice, the main steps in regional programming
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| **Required and recommended reading:** |
| **Required reading:**Lazányi, J. (2012). Efficiency of land use and Europe 2020 objectives. Debrecen ; Nyíregyháza : Westsik Vilmos Foundation for Rural Development, 2012Vink, A. P. (2013). Land use in advancing agriculture (Vol. 1). Springer Science & Business Media.**Recommended reading:**Lazányi, J. (2013). Labour productivity and land use efficiency in agriculture. Debrecen ; Nyíregyháza : Westsik Vilmos Foundation for Rural Development, 2013Groenendijk, P., Kroes, J. G., & Rijtema, P. E. (1999). Environmental Impacts Of Land Use In Rural Regions: The Development, Validation And Application Of Model Tools For Management And Policy Analysis (Vol. 1). World Scientific. |
| **Competencies to be acquired, related to the course:** |
| **a) Knowledge:** - Knowledge of the general and specific characteristics and contexts of the field. Research methods and the communication specificities of the discipline.**b) Ability:**- Apply theories in the field in innovative ways to solve problems. - Collaborate with representatives of the field - Prepare independent summaries and analyses in a scientific format. **c) Attitude:** - Conveys the summary and detailed problems of the profession in a credible way. - Takes a role in putting their profession at the service of the community. - Strives to put the latest findings in the field at the service of their own development. **d) Autonomy and responsibility:**- Independently develop problematic areas and carry out their activities. |

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| **Course leader** (name, post, academic degree): **Adrienn Kakuszi-Széles, PhD, associate professor** |
| **Other lecturer(s) involved in teaching the course, if any** (name, post, academic degree): **Csaba Bojtor, assistant lecturer** |