

Course Program				
Subject name and NEPTUN code: Land Management, AGKLM0KBNE			Credits: 3	
Type of education: full time		Term: 2022/2023.		Semester: 1.
Specialization of the subject: Alba Regia Technical Faculty BSc				
Course instructor:	Dr. Katona János		Instructor:	Dr. Katona János
Prerequisites:		none		
Hours:	Lecture: 2 Type	Tutorial: 0	Lab : 0 h	Consultation: 0
of assessment:		mid-term mark		
Subject description				
<p><i>Educational goal:</i> The aim of the course is to present the sustainable use and development of land resources at different planning levels.</p> <p>The students of this course have knowledge about the Land Management topics in an international context.</p> <p>The students are able to present selected topics in land management based on a review of the literature. They are able to discuss and support the chosen topic within a group.</p> <p>Topics:</p> <ul style="list-style-type: none"> • Principles and criteria for sustainable land management • Geospatial technologies in land resources mapping • Landuse planning • Sustainable agriculture • Property policy guidelines. • Land administration systems • Land tenure and access to land • GIS applications in land and property management 				
<i>Thematics:</i>				
Topics				Hours
Laboratory work:				
Principles and criteria for sustainable land management				2
Geospatial technologies in land resources mapping				2
Landuse planning				2
Sustainable agriculture				2
Property policy guidelines.				2
Land administration systems				2
Land tenure and access to land				5
GIS applications in land and property management				2
Case Studies 1				2
Case Studies 2				2
Case Studies 3				2
Summary test				2

Bibliography	
Required:	S. Kapur - H. Eswaran - W. E. H. Blum (Eds.), Sustainable Land Management, Learning from the Past for the Future, Springer-Verlag Berlin Heidelberg, eBook ISBN 978-3-642-14782-1, 2011, 415p
	Obi Reddy, G. P., Singh, S. K. (Eds.), Geospatial Technologies in Land Resources Mapping, Monitoring and Management, Springer International Publishing, eBook ISBN 978-3-319-78711-4, 2018, 638 p
Recommended:	Mander, Ülo, Wiggering, Hubert, Helming, Katharina (Eds.), Multifunctional Land Use Meeting Future Demands for Landscape Goods and Services
Subject requirements	
Participation:	The implementation of E-learning curriculum practices and tests are mandatory, measurement and calculation tasks must be performed on-line.
Mid-term assessments:	At the end of the semester, students have to write a test and prepare and present a paper.
Conditions of signing the semester:	Writing and presenting a case study Successful test
Calculation of course mark:	The result of the test and the study.
Conditions at non-attendance and making up:	The e-learning course is on-line.
Type of examination:	-
Conditions of offered mark:	-
Possibility of getting the signature during the exam period:	The signature can be replenished once in the first ten days.