

Title of the course: Settlement development	NEPTUN-code: RKWGT1EBNE	Weekly classes: <i>lecture+practical work+lab work</i> 1+2+0	Credit: 5 Exam type: tm
Course leader: Krisztina Demény Dr.	Position: senior lecturer	Required preliminary knowledge (with Neptun code): RKXKZ1EBNE	
Curriculum:			
<p>The subject synthesizes the knowledge of the preparatory subject material, the effects of the urbanization on the industry, the agriculture, the services, and nature. It analyses the effects of the economic activities and the favourable tendency of technical development, and the necessity of the natural resource's sustainable usage. It deals with the definition of sustainable development, the interpretation of the sustainability and feasibility, the concept in relation to town planning. It describes the definition of area- and settlement development, also the tasks and aims, including the basic knowledge of settlement evolution. It features the milestones of the development with the most important factors, the historical formation of the settlement development, today's international and domestic practice furthermore the financial and legal appliances of the settlement development.</p>			
Professional competencies:			
<p>Knowledge of the general and specific mathematics, nature and social science policies, rules and coherencies, which are needed to cultivate the environmental protection field. Knowledge of the definitions of economy, environmental economy, project and environmental management, their devices in the field of environmental protection. Students will be able to assume administrative responsibilities and execute official tasks. They take responsibility for the made decisions in the field of environmental protection against society. During the execution professional work, the students cooperate other (primarily economic and legal) profession's trained specialists. They keep under review and endorse the legal, technical, technological and administrative changes during their professional work.</p>			
Bibliography:			
<p>Tamás Csapó – András Balogh (2013): Development of the Settlement Network in the Central European Countries (Past, Present and Future), Springer Rajiv R. Thakur, Ashok K. Dutt, Sudhir K. Thakur, George M. Pomeroy (2020): Urban and Regional Planning and Development (20th Century Forms and 21st Century Transformations), Springer</p>			
<p>Eddie N. Laboy-Nieves, Fred C. Schaffner, Ahmed Abdelhadi, Mattheus F.A. Goosen: Environmental Management, Sustainable Development and Human Health, 2008 by CRC Press, ISBN 9780415469630</p>			