

Level: Master				
Course title: Urban ecology				
Status: elective				
ECTS: 5				
Requirements: none				
Learning objectives Further development of student's knowledge of the organization and control of active protection of the environment in urban and rural areas, as well as the advanced study of the functioning of the basic elements of the environment in urban and rural areas. Refinement of applying the principles of sustainable development within settlements such as cities.				
Learning outcomes Students should be able to explain the functioning of the elements of the environment in urban areas, how they align with actions to protect the environment, i.e. the preventive mode of operation within the idea of sustainable development; explain the socio-economic aspects of urban ecology and housing hygiene.				
Syllabus <i>Theoretical instruction</i> The concept of local sustainable development - a strategic approach. Places in the environment and the structure of space, that is, geospace. Urban ecology and the hygiene of the village. Characteristics of urban and rural areas. Protecting and improving the environment in cities. Socio-economic aspects of urban ecology. Housing hygiene. Ecological mapping and urban ecology. Information systems in solving the environmental problems of cities. <i>Practical instruction</i> Practical teaching follows theoretical lessons.				
Weekly teaching load				Other:
Lectures: 2 (30)	Exercises:	Other forms of teaching: 2 (30)	Student research:	