

<b>Level: master</b>				
<b>Course title: The application of GIS in socio-geographic disciplines</b>				
<b>Status: elective</b>				
<b>ECTS: 5</b>				
<b>Requirements: none</b>				
<b>Learning objectives</b> To introduce students to the role of GIS in collecting data on population, settlements and economy.				
<b>Learning outcomes</b> The course should enable students for independent collection, processing and analyzing data on population, economy, and settlements using GIS.				
<b>Syllabus</b> <i>Theoretical instruction</i> Activities related to the census (formation of operating areas, planning the route, watching and dressing of census data, dissemination of census data, census atlases, digital databases), information systems (construction of population databases, linking population data with other data types), application of geographic information systems in the analysis and development of urban and rural systems, spatial analysis, planning and use in research.  <i>Practical instruction</i> Practical part of the subject comprises exercises that simulate population database for a municipality and creation of thematic maps in the field of economy, population and settlement network.				
<b>Weekly teaching load</b>				Other:
Lectures: 2	Exercises: 2	Other forms of teaching:	Student research:	