

<b>Level:</b> Bachelor			
<b>Course title:</b> Soil degradation			
<b>Status:</b> elective			
<b>ECTS:</b> 6			
<b>Requirements:</b> none			
<b>Learning objectives</b> Introduction to the basic characteristics of soil. Understanding the basic causes of soil degradation and enabling students to determine the extent of soil degradation.			
<b>Learning outcomes</b> Students should be able to define and specify the environmental problems and the effects of soil pollution; define and explain the stages of damage to the soil, apply their knowledge and explain the chemical, physical and biological processes of pollutants in soil.			
<b>Syllabus</b> Morphological, physical, chemical and biological properties of soil. Soil degradation (concept, causes, types and sources of pollution; impact of agricultural production on the land; soil compaction; the effect of irrigation on the land; the impact of air pollution on land; landslides; soil pollution with heavy metals and radionuclides). Soil protection (management and remediation).  <i>Practical instruction</i> Practical instruction follows the theoretical one.			
<b>Weekly teaching load</b>			Other:
Lectures: 3	Exercises:	Other forms of teaching: 2	