

Title:	Soil protection and restoration
Lecture hours:	15 h
Study period: (summer/winter)	Summer
Number of credits:	2
Assessment methods:	Multimedia presentation, discussion
Language of instruction:	English
Prerequisites:	Knowledge of zoology and general ecology
Course content:	<ol style="list-style-type: none"> 1. The soil as a part of ecosystem, kind of soils and soil humus and their influence on soil organisms. 2. The influence of different groups of soil organisms on soil fertility, with wider considering of mites. 3. Factors causing soil degradation (physical, chemical, biological, human). 4. The influence of different forms of human activity on soil fertility. 5. Methods of soil restoration. 6. Morphological groups of soil mites (Acari) and their influence on soil fertility. 7. Bioindicative value of some species of Oribatida i Gamasida.
Learning outcomes:	Discussion, project
Name of lecturer:	Prof. dr hab. Stanisław Seniczak
Contact (email address):	stseni@ukw.edu.pl
Literature:	<p>Burges A., Raw F. 1967. Soil biology. Academic Press, London.</p> <p>Górny M. 1975. Zoekologia gleb leśnych. PWRiL, Warszawa.</p> <p>Maciak F. 2003. Ochrona i rekultywacja środowiska. Wyd. SGGW, Warszawa.</p> <p>Więckowski S. 1989. Wybrane zagadnienia ochrony i kształtowania środowiska przyrodniczego człowieka. PWN, Warszawa.</p> <p>Krantz G.W., Walter D. E. 2009. A Manual of Acarology. 3rd Ed. Texas Tech University Press.</p>