General Information

Course name and code	**Ecology of Soil Animals ÚBEV/EPZ1/03**	**ECTS Credits**	**6**
		Semester	**2nd (Summer) Master & Doctoral Degree**

Aims

The subject deals with the soil invertebrate animals, their morphology, ecology and adaptations to specific habitat. Understanding of the principal interactions of soil fauna with plant rhizosphere and soil microflora are among the main goals of the discipline.

Contents

Ecological characteristics of dominant groups of zooedaphon and their role in the soil. Basic sampling techniques and determination of soil animals. Grassland Soil fauna The Forest Soil fauna and fauna of forest microhabitats. Agricultural practice and the soil fauna.

Assessment Methods and Criteria

Fieldwork, practical and oral examination.

Grading Scale (in %): A ... 100 - 91%, B ... 90 - 81%, C ... 80 - 71%, D ... 70 - 61%, E ... 60 - 51%, Fx ... < 51%

Grading System:
The University recognises the following six degrees for the evaluation of the study results:
a) A – excellent (excellent results) (numerical value 1)
b) B – very good (above average results) (1.5)
c) C – good (average results) (2)
d) D – satisfactory (acceptable results) (2.5)
e) E – sufficient (results meet the minimum criteria) (3)
f) FX –failed (requires further work) (4)

Bibliography

Coleman, D.C., Crossley, D. A., 1996: Fundamentals of Soil Ecology. Academic Press, London, 1-205
Wallwork, J. A., 1970**:** Ecology of Soil Animals. McGraw- Hill, England, 1-283
Wallwork, J. A., 1976: The distribution and Diversity of Soil Fauna. Academis Press, London, 1-355