Practicum (1st year of study, 2nd semester)

Credit value (ECTS) 4

Course category
Domain (Imposed)

Course holder:
Huțanu Mariana

Discipline objectives

The objectives of the practicum are to provide students with the theoretical and practical basis for the correct investigation of plant and animal biodiversity, by using the classification systems of organisms. Students will also be able to explain the morphological and physiological adaptations of organisms to their environment and argue the role of each category of organisms in maintaining of the ecological balance.

Contents (syllabus)

Practical work
Presentation of labor protection measures, specific to field and laboratory activities. Presentation of the Plaiul Şarului Practice Base, Suceava County
Presentation of working methods and techniques, materials and equipment needed
Practical methods for phytocenoses sampling. Taxonomic identification and classification, description, biology and ecology of identified plant species.
Practical methods for monitoring and evaluation of invertebrate groups. Systematic identification and classification, species description, identification of ecological adaptations to the living environment
Practical methods for monitoring and evaluating groups of vertebrates. Systematic identification and classification, species description, identification of ecological adaptations to the living environment.

References

Chifu T., Mânzu C., Zamfirescu O., 2006 - *Flora şi vegetația Moldovei (România).* Ed. Univ. "Al. I.Cuza" Iași, Vol. II (Vegetația).

Ciocârlan V., 2000 - *Flora ilustrată a României*, Pteridophyta et Spermatophyta, Ed. Ceres, București

Iorgu I. St. (coordinator), 2015 - *Ghid sintetic pentru monitorizarea speciilor de nevertebrate de interes comunitar din România*. Structurale - academia.edu

Biriş, I. A., Apostol, B., Leca, L. 2013 - *Ghidul sintetic de monitorizare pentru habitatele de interes comunitar: tufărişuri, turbării şi mlaştini, stâncării, păduri*. Ed. Universitas.

Ion I., Gache C., Ion C., Valenciuc N., 2003 - *Zoologia vertebratelor*, Ed. Universității. „Al. I.Cuza" Iași

Sârbu, I., Ştefan, N., Oprea, A., 2013 - *Plante vasculare din România: determinator ilustrat de teren*. Ed. Victor B Victor.

Evaluation

Evaluation form	Evaluation Methods	Percentage of the final grade
Appreciation of the activity during the practicum periode	Active involvement in the training process	25%
Practice tutor's note	Active involvement in the training process	15%
Note from the supervising teacher	Presentation of the practice book Oral assessment at the practice colloquium	60%

Contact

Huțanu Mariana
Faculty of Agriculture - ULS Iași
Aleea Mihail Sadoveanu nr. 3, Iaşi, 700490, România