

BIP Forest management and biodiversity conservation in Romania

General Information
Host university: Transilvania University of Brasov
Title of BIP: Forest management and biodiversity conservation in Romania
Location of the physical activities (city, country): Braşov, Romania; Field visits at UNITBV didactical bases, Bucegi Natural Park, National Park of Piatra Craiului
Dates for physical activity: 26.05.2025-30.05.2025
Dates for virtual component : 08.05.2025
Short description of virtual component: Introduction about Romania's forests. Management of the national forest fund. Biodiversity conservation in Romania.
Target audience / Participant profile (level and domain of study, academic prerequisites etc.) Students at Bachelor degree, Forestry domain
No. of ECTS awarded: 3 ECTS credits
Language of instruction and requirements: English, minimum level B1. Specialized knowledge: knowledge of the terminology related to Botany, Dendrology, Soils and Forest Soils, Ecology.
Partner universities: 1. Czech University of Life Sciences Prague 2. Poznań University of Life Sciences Poland 3. UNITA partner Universities
Program
Objectives and short description of the BIP: The main objective is to analyse the Romanian forest management system, high conservation values and forest conservation measures. Students will have the opportunity to identify conservation elements, to assess forest habitats with high conservation value and to learn how Romanian natural areas conserve biodiversity elements.
Skills developed: Knowledge of the national network of protected natural areas of different I.U.C.N categories and of the types of protected areas management. The ability to apply vegetation inventory methods: specific sampling techniques, surveying, data processing and analysis. Learning the methodology of collecting phytosociological data, the principles and methods of phytocenosis classification.
Learning Outcomes: <ul style="list-style-type: none"> • Use of modern techniques in biodiversity data collection • Vegetation descriptions (surveys) and mapping of forest habitats. • Establishing biodiversity conservation measures in protected natural areas.
Evaluation of academic activity Conditions: participating in virtual and physical components. The assessment consists of a theoretical knowledge (grid test) and will take place at the end of the online activity day. On the basis of the theoretical knowledge test, students can participate in the study and practice week described. After passing the theoretical test and participating in the practical activities in the field, students receive the certificates for the 3 ECTS credits.

Evaluation of practical activities in the field: collecting data, analysis of collected data, presentations of results and conclusions.

Detailed proposed schedule (physical and virtual component):

Virtual component: 08.05.2025 (8 hours)

Introductory session on Romanian forests. Administration of the national forestry domain. Preservation of biodiversity in Romania

Physical activity: 26.05.2025-30.05.2025 (total 40 hours)

26.05.2025 (8 hours)

Opening of the Erasmus event, S Building;

Visit of the UNITBV campus and teaching bases

Forest conservation status assessment: methods and approaches- Prof. dr.eng. Prof. Adrian INDREICA

27.05.2025 (8 hours)

Field data collection - Working visit in the forests around Brasov (hiking equipment is required, low-medium difficulty)

Data collection using modern techniques -Prof. dr. eng. Mihai NIȚĂ and Ph.D lecturer eng. Mihnea CĂȚEANU

28.05.2025 (8 hours)

Practical applications in Bucegi Natural Park: conservation objectives - Prof. dr. eng. Adrian INDREICA, Conf. dr. eng. Prof.

Dr. Florin HĂLĂLIȘAN, Șef lucr. Dr. eng. eng. Raluca Elena ENESCU (hiking equipment is required, low-medium difficulty)

29.05.2025 (8 hours)

Practical applications in Piatra Craiului National Park: conservation objectives - Prof. dr. eng. Adrian INDREICA, Assoc. prof.

dr. eng. Florin HĂLĂLIȘAN, Ph.D Lecturer eng. Raluca Elena ENESCU, Ph.D Lecturer eng. Mihnea CĂȚEANU

30.05.2025 (8 hours)

(hiking equipment is required, low-medium difficulty)

Analysis of collected data - Prof. dr. eng. Adrian INDREICA, Asoc. Prof. dr. eng. Florin HĂLĂLIȘAN, Ph.D Lecturer eng. Raluca Elena ENESCU, Ph.D Lecturer eng. Mihnea CĂȚEANU

Results analysis and interpretation

Conclusions on practical aspects

Invited guests/speakers/experts (if any):

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Application procedure

Requirements:

Students at bachelor level, with interest in forestry and conservation biodiversity.

How to apply :

Students will apply for an Erasmus+ short term mobility at their home university.

Deadline for nomination and application:

First phase

20.02.2025: students are nominated by their home university to UNITBV, outgoing-sd@unitbv.ro

Second phase: Acceptance by UNITBV based on student's intention letter.

14.03.2025: selected students by partners universities will send a motivation letter to aureliu.halalisan@unitbv.ro

14.03.2025: selected students will fill in the application form: <https://forms.gle/sLVk2KdaDGNjzkz98>

Details for contact person in UNITBV:

Administrative aspects: outgoing-sd@unitbv.ro, Oana Tonea

Academic aspects: aureliu.halalisan@unitbv.ro, Florin Halalisan

Facilities offered to participants:

Accommodation/ meals/ travel:

Accommodation offered in UNITBV residence, 11 euro/night

Lunch and local travel to BIP locations for academic reasons: offered by UNITBV