

## BIP Forest management and biodiversity conservation in Romania

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

Students are nominated by their home university to UNITBV, [outgoing-sd@unitbv.ro](mailto:outgoing-sd@unitbv.ro)

**Second phase:**

- Acceptance by UNITBV based on student's intention letter;

- Selected students by partners universities will send a motivation letter to [aureliu.halalisan@unitbv.ro](mailto:aureliu.halalisan@unitbv.ro)

- Selected students will fill in an application form.

**Details for contact person in UNITBV:**

Administrative aspects: [outgoing-sd@unitbv.ro](mailto:outgoing-sd@unitbv.ro), Oana Tonea

Academic aspects: [aureliu.halalisan@unitbv.ro](mailto: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