

Title of the BIP	FOREST MANAGEMENT AND BIODIVERSITY CONSERVATION IN ROMANIA
General information	
Objectives and description	<p>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.</p> <p>Objectives:</p> <ul style="list-style-type: none"> -Understanding the national network of protected natural areas in different IUCN categories and the types of protected area management; -Learning to apply vegetation inventory methods: specific sampling techniques, conducting surveys, data processing and analysis. -Identifying active measures to protect conservation objectives in protected natural areas.
Methods and outcomes	<p>The BIP program uses a blended learning approach, effectively integrating several teaching methods to cover both theoretical and practical aspects:</p> <ul style="list-style-type: none"> - Introductory lectures (online component): The 8-hour online session is used to provide fundamental knowledge through presentations by experts. - Physical component: <ul style="list-style-type: none"> 1. Peer learning: The session of presentations and discussions by participating students allows for the exchange of perspectives and knowledge about forest management in different countries, enriching the educational experience. 2. Technical demonstrations: The program specifically includes data collection using modern techniques, which involves practical demonstrations and training on the use of current equipment and research methods in the field of biodiversity conservation and forest management. 3. Field practice (learning by doing) and project-based learning: This is the central component of the physical program (48 hours). <p>Outcomes: 1. Justification of sustainable forest management and biodiversity conservation in protected natural areas</p> <p>Result 1.1: The student is familiar with the management of protected natural areas; Result 1.2. The student describes the components, phenomena, and processes specific to the economic framework of the forestry sector from the perspective of the direct and indirect benefits provided by protected natural areas; Result 1.3. The student uses modern techniques to collect the data necessary for biodiversity assessment; Result 1.4. The student makes descriptions (surveys) of vegetation and maps forest habitats in protected natural areas</p> <p>2. Applying measures to protect, improve, and increase the productivity of forest ecosystems in protected natural areas</p> <p>Result 2.1. Students assess the current state of the forest using specific inventory and monitoring methods, analyze the effect of the management measures applied, and propose solutions to improve the functional effectiveness of the tree stands; Result 2.2. Students identify and set conservation objectives in protected natural areas; Result 2.3. Graduates have the ability to establish appropriate conservation measures for maintaining biodiversity in protected natural areas.</p>
Field of Education	Forestry
Target Audience / Participants profile	Target: Students at Bachelor's degree, Forestry study program (or close to this programme) with minimum knowledge on terminology related to the disciplines of Botany, Dendrology, Soils, Ecology, wildlife management or GIS.
N° of ECTS issued	3 ECTS
Language of instruction requirements	English B2
Dates for Physical activities	08.06.2026-12.06.2026
Location of physical activities	Braşov, Building S of Transylvania University of Braşov, Beethoven Street No. 1, 500123, Braşov Field trips (UNITBV teaching facilities in Braşov, Bucegi Natural Park, Lake St. Ana, Piatra Craiului National Park - Zărneşti)
Dates for virtual component	26.05.2026
Virtual Component Description	The 8-hour online session is used to provide fundamental knowledge through presentations given by experts (e.g., introduction to Romania's forests, forest management, biodiversity conservation). This component includes interactive sessions, including interaction between participants to facilitate group cohesion before the physical component.
Organizing board	
Receiving/Host university	Faculty of Silviculture and forest engineering/Transilvania University of Brasov, BIP coordinator: Aureliu-Florin HĂLĂLIŞAN, Erasmus Coordinator: Mihnea CĂŢEANU
Sending/Partner universities	<ol style="list-style-type: none"> 1. Czech University of Life Sciences Prague (Cehia) 2. Poznań University of Life Sciences (Polonia) 3. Faculty of Forestry Zvolen/Tehnickal University (Slovakia) 4. Universities from UNITA: University of Torino, Public University of Navarre

Detailed program

07.06.2026, Arrival of participants, accomodation.
 08.06.2026, physical activity, 8 hours;
 Opening of the Erasmus event, Building S;
 visit to the UNITBV campus and teaching facilities
 Presentations and discussions by participating students on forests in different participating countries
 09.06.2026, physical activity, 8 hours;
 Field data collection – Working visit to the forests around Braşov
 Data collection using modern techniques - Prof. Dr. Eng. Adrian INDREICA, Prof. Dr. Eng. Mihai NIŢĂ and Ph.D Lecturer Mihnea CĂŢEANU
 10.06.2026, physical activity, 8 hours;
 Practical applications in Bucegi Natural Park: conservation objectives – Prof. Adrian INDREICA, Ph.D Lecturer Mihnea CĂŢEANU, Prof. Florin HĂLĂLIŞAN, Ph.D. Lecturer Raluca Elena ENESCU.
 11.06.2026, physical activity, 8 hours;
 Practical applications in Piatra Craiului National Park: conservation objectives – Prof.Dr. Eng. Adrian INDREICA, Prof. Dr. Eng. Florin HĂLĂLIŞAN, Ph.D. Lecturer Raluca Elena ENESCU, Ph.D. Lecturer Mihnea CĂŢEANU
 12.06.2026, physical activity, 8 hours;
 Analysis of collected data - Prof. Dr. Eng. Adrian INDREICA, Prof. Dr. Eng. Florin HĂLĂLIŞAN, Ph.D. Lecturer Raluca Elena ENESCU, Ph.D. Lecturer Mihnea CĂŢEANU
 Analysis and interpretation of results
 Presentation of results
 Conclusions on practical aspects
 *Field trips have low-medium difficulty and require hiking equipment.

Application procedure

Application Steps	Students with interest in forestry and conservation biodiversity will apply at their home university. Acceptance by UNITBV is based on student's letter of intent (the letter should include information about how does the BIP programme support interest and professional goals, why students are applying for this BIP programme and existing links (connections) to the domain of this BIP programme (maximum 2 pages). Home Universities will send to outgoing-sd@unitbv.ro the student nomination lists together with their letters of intent. UNITBV will communicate the results of selection. Details for contact person in UNITBV: Administrative aspects: outgoing-sd@unitbv.ro Academic aspects: aureliu.halalisan@unitbv.ro, Aureliu-Florin Halalisan, BIP Coordinator
How to apply	Students will apply for an Erasmus+ short term mobility at their home university.
Facilities provided to participants (housing, meals, ...)	Accommodation offered in UNITBV residence, around 15 euro/night, limited availability Lunch: offered by UNITBV Internal travel: offered by UNITBV Travel to Brasov: not included.