



МИНИСТЕРСТВО СЕЛЬСКОГО ХОЗЯЙСТВА РОССИЙСКОЙ ФЕДЕРАЦИИ  
ДЕПАРТАМЕНТ НАУЧНО-ТЕХНОЛОГИЧЕСКОЙ ПОЛИТИКИ И ОБРАЗОВАНИЯ  
Федеральное государственное бюджетное образовательное учреждение  
высшего образования  
«ИРКУТСКИЙ ГОСУДАРСТВЕННЫЙ АГРАРНЫЙ УНИВЕРСИТЕТ ИМЕНИ А.А. ЕЖЕВСКОГО»  
(ФГБОУ ВО Иркутский ГАУ)

### **Ecological field workshop on Baikal**

Duration: 14 days

Date: August 2020

Credit value: 3 ECTS cr.

We selected the places representing the biological and picturesque diversity of Lake Baikal for the internship. From the point of view of botanical and zoological excursions, this area is extremely interesting, because in a relatively small area there are numerous varieties of flora and fauna of Lake Baikal. Students have the opportunity to get acquainted with the plants and animals of the steppes, pastures, shrubs, various forests and mountain landscapes.

The participants will be accommodated at the university's forest base. The location of the camp allows you to make most excursions on foot. Longer trips by transport to the most interesting places are also planned.

This approach to organizing internships allows guests to understand how to embark on an expedition to collect biological materials in Russia, introduces not only the existing scientific methods for collecting and processing the results, but also offers long-distance walks and field limited life conditions.

The problems of Baikal's ecology and nature conservation are presented from the point of view of botany and zoology, since the objects of these sciences can be demonstrated in nature and provide an opportunity to get acquainted closely with the nature of the Baikal region. All information is presented in accordance with environmental, geographical, geological and environmental principles.

Thus, students receive information in 2 stages: a theoretical analysis of the natural features of the area and the development of practical skills. The content of the first stage is the assimilation by students of terms and concepts expressing the essence and certain laws of the interaction of man and the environment in relation to Lake Baikal. The second stage involves the use of the already mentioned terms and concepts in practical exercises in environmental conditions.

At the end of the internship, students and teachers receive certificates of completion.

## **Programme:**

- Day 1 Arrival. Accommodation at the student's dormitory.
- Day 2 City tour. Preparing to go to the forest base practice.
- Day 3 Departure by bus from Irkutsk. Accommodation Organizational meetings (safety rules, discussion of the scientific school program).  
Walking tour of the area.
- Day 4 Bus excursion to lake Baikal.
- Day 5 Lectures "Unique Baikal", "Method of Botanical Labor".
- Day 6 Lecture tour: "Ecological features of forest land"  
Analysis of the collected material (botany).
- Day 7 Ornithological excursion. Analysis of the collected material (ornithology).
- Day 8 Lecture: "Features of the landscape and its impact on vegetation and wildlife."
- Day 9 Walking excursion to the steppe zone. Lecture "The uniqueness of the Baikal steppes."
- Day 10 Excursion in the national park. Topic: "Forests in the Baikal region and their wildlife." Record of the collected material.
- Day 11 Departure to Irkutsk. Accommodation at the student's dormitory.
- Day 12 Bus tour to the Ethnographic Museum, Baikal Limnological Museum.
- Day 13 Visiting the environmental museum at the landfill, a walk around the city.
- Day 14 Departure.