



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)

Horticulture Summer School

"Plants of Eastern Siberia - Ecology, Life and Use"

Duration: 14 days

Date: August 2020

Credit value: 3 ECTS cr.

The summer school will take place at the areas of interest from the point of view of the diversity of the flora of Siberia and the Baikal region. Students have the opportunity to get acquainted with the plant of urban and park areas, fields, steppes, pastures, shrubs, various forests and mountain landscapes.

Accommodation is planned in university dormitories. Daily walking and bus excursions to landscape objects, agricultural enterprises and experimental farms are provided.

The goal of the school is to introduce students to plant biodiversity in Eastern Siberia, to present to students the best practical experience in the sustainable use of plants in urban environments, as well as a platform for multinational communication and acquaintance with the traditions and culture of Russia in general, and Siberia in particular.

During the classes, students will touch the following topics: forests - the wealth of Siberia; landscaping of urban space; protection of rare and endangered plant species; field and fruit crops of Siberia. You will receive in-depth knowledge about the species composition of plants of the Baikal region, the features of their ecology, the use and role in the life of the modern metropolis. There will also be a lot of information about the ecosystem of the Baikal forests and the environmental problems of the Baikal region.

Target group: students and teachers of the majors: agronomy, crop production, floristry, landscape architecture and design, forestry. During the practical part, students will study ecology in natural landscapes and arboretum conditions.

During the cultural program, a walk through the historical part of the city of Irkutsk and a trip to Lake Baikal is provided. A visit to the Ethnographic Museum "Taltsy will introduce expositions representing the life, culture and traditions of the indigenous peoples of the Baikal region and the life of Russian settlers in Siberia in the 17-20 centuries. An excursion to the Museum of Baikal in the village of Listvyanka will introduce you to the unique lake and its inhabitants.

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

Programme:

- Day 1 Meeting at the airport, transfer to the dormitory, accommodation. Walking city tour.
- Day 2 Study of plant biodiversity in Eastern Siberia, including rare and endangered species listed in the Red Book of the Irkutsk Region and the Red Book of Russia, as well as introduced species used for landscaping urban space.
- Day 3 Study of the laws of the process of selection of field crops. The methodology of experimental work in agronomy.
- Day 4 Study of the history, style, stages of reconstruction of landscape architecture objects of the city of Irkutsk.
- Day 5 Study of advanced production experience in the cultivation of fruit and berry plants in the Irkutsk region.
- Day 6 Study of the style of squares and sea fronts of the city of Irkutsk
- October 50th Anniversary Square
- Area on Postyshevsky Boulevard
- lower embankment
- Day 7 Plant - as an object of study. Familiarization with the species diversity of field crops. Visit to the experimental field department of agriculture and crop production.
- Day 8 Floristic variety of the Baikal zone - walking tour of the Circum-Baikal Railway.
- Day 9 Siberian Biodiversity: Visit to the Museum of Wildlife at the Institute for Natural Resources Management.
- Day 10 Visit to the estate of Vl. Sukachev, studying the architecture of the estate, the species composition of plants.
- Day 11 Visit to the landscape design studio and the wholesale and retail Sanami plant nursery.
- Day 12 Visit to the architectural and ethnographic museum of wooden architecture. Visit to the Baikal Museum. Acquaintance with the history of the study of Lake Baikal, its inhabitants and vegetation.
- Day 13 Storage and disposal of household waste without harm to the environment. A visit to the museum at the training ground.
- Day 14 Departure.