

## Brief Description of the Program

### Career

A biologist conducts a study of wildlife and its laws, uses biological systems for economic and medical purposes, is engaged in biological expertise and monitoring, assessment and restoration of territorial bioresources and the natural environment.

### Educational process

Students are intensively immersed in the profession starting from the first year of studies. They study biological systems of various levels of organization; the processes of their vital activity and evolution; master biological, bioengineering, biomedical, environmental protection technologies.

Thematic discussions, master classes conducted by leading specialists, participation in international competitions, communication with potential employers contribute to the formation of professional competencies of future specialists.

#### Disciplines

- ✓ Cytology
- ✓ Molecular Biology
- ✓ Plant Physiology
- ✓ Anatomy and Physiology of Man
- ✓ Zoology of Invertebrates
- ✓ Zoology of Vertebrates
- ✓ Fundamentals of Biotechnology
- ✓ Microbiology and the Basics of Virology
- ✓ Ecology
- ✓ Herpetology
- ✓ Mycology
- ✓ Anatomy and Morphology of Plants

### Practical training

Every year, students undergo practical training. This is a variety of field practices, in which students become familiar with the diversity of living organisms and master environmental technologies. In the third and fourth years of study, students have their practical trainings in biological centers and laboratories.

### Career

After completing the educational program, graduates will be able to find a job in research institutes and laboratories in the field of biology; in reserves and national parks; higher and secondary educational institutions; museums and departments of nature; hygiene and epidemiology centers; plant protection stations; blood transfusion centers; flower and zoological shops; zoos, botanical gardens, greenhouses; organizations for environmental protection and environmental management; forestry management; hunting organizations and fisheries.