

Applied Ecology

The aim of the Programme is train Bachelors in Life Sciences equipped with relevant skills and knowledge of ecology and environment protection and able to apply these knowledge/skills in their professional activity under ever changing environmental conditions.

The outcomes of study programme

Upon the completion of the study programme, graduates will be able to:

- identify the herbaceous and woody plants, microorganisms, mushrooms, insects, birds and animals, types of soil, types of forests and their ecological interrelations within ecosystem;
- evaluate the quality of air, soil and water and impact of environmental factors on human health;
- select the measures for the prevention of contamination and protection of biological diversity;
- and apply the environmental impact assessment and monitoring systems;
- evaluate the technologies for the use of environment resources of various ecosystems and engineering environmental solutions;
- apply social and economic environmental regulations

Title of the courses:

Lithuanian for Specific Purposes
Philosophy
The Development of Society
Psychology
Fundamentals of Business Foreign (B2, Level 4) Language
Foreign Language for Specific Purposes (C1, Level 5)
Higher Mathematics And Probability Theory
Plant Biology
General Chemistry
Informatics
Special Physics
Microbiology
Soil Science
Dendrology
General Ecology
Invertebrate Zoology
Biological Diversity Conservation
Mycology and Plant Pathology
Hydrobiology
Fundamentals of Geographic Information Systems
Applied Ecology
Vertebrate Biology
Ecological Genetics
Environmental Chemistry and Toxicology
Management of Wildlife Populations
Human Ecology
Environmental Quality and Assessment
Principles of Research and Technical Creativity
Biogeography
Environmental Impact Assessment and Monitoring

Landscape Ecology and Management
Environmental Projects
Practical Training of Plant Biology and Dendrology
Ecology Complex Field Practice
Practice of Professional Activity
Human Safety
Environmental Engineering and Waste Management
Environmental Law
Use and Protection of Water Resources
Agrotechnologies and Environmental Protection
Sustainable Silviculture
Ecological Ethics and Sustainable Development
Environmental Economics
Environmental Management
Final Thesis

Faculty of Forest Sciences and Ecology
Group of Fields of Study Life Sciences (D)
Length of Programme 4 years
ECTS credits 240
Name of Qualification Bachelor in Life Sciences

Contacts

Faculty of Forest Sciences and Ecology (inquiries regarding study programme)
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