

# Forestry

The aim of the Programme is to train Master's in Agricultural Sciences with the fundamentals of methodological and systematic thinking, knowledge of contemporary forestry technologies and forest science theories and methods. The graduates will be ready for the research and innovation-based professional activity and doctoral studies.

## **The outcomes of study programme**

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

- integrate and create new knowledges in forestry activities requiring analytical abilities;
- select scientific research methods and methods of mathematical statistics in conducting specific research;
- create forestry concepts, strategies and programmes complying the current needs;
- critically interpret research results and evaluate alternatives of forestry solutions and possible impact.

## **Title of the courses:**

Mathematical Statistical Methods in Forestry  
Methodology of Forest Research  
Geographic Information Systems in Forestry  
Applied Genetics and Biotechnology in Forestry  
Ecological Basics of Forest Regeneration  
Forest Growth and Yield  
Forest pest management  
Forest Policy  
Nature Management  
Dynamic Sustainability of Forest Ecosystems  
Ecological-Evolutionary Forest Genetics  
Recreational Forestry  
Forming of the Most Productive Stands  
Environmental Monitoring  
Birds and Mammals Research Methodology  
Ecology and Ethology of Animals  
Game Teriology, Ornithology, Cynology  
Management of Wild Animals Population and Productivity of Game  
Properties  
Social Economics in Forestry  
Accounting and Commerce in Forestry  
Economics of Forest Enterprises  
Theory and Methodology of Forestry Management  
Forest Logistics  
Economics and Organization of Timber Harvesting  
Forest Bioenergetics  
Economic Analysis in Forestry  
Planning and Organizing of Forest Science Research  
Application of Multivariate Exploratory Techniques in Forest Research  
Professional Educology  
Consulting Methodology  
Innovation Practice in Forestry

Final Thesis
<b>Faculty of Forest Sciences and Ecology</b> <b>Group of Fields of Study</b> Agricultural Sciences (I) <b>Lenght of Programme</b> 2 years <b>ECTS credits</b> 120 <b>Name of Qualification</b> Master's in Agricultural Sciences
<b>Contacts</b>  <b>Faculty of Forest Sciences and Ecology (inquiries regarding study programme)</b> <b>Contact persons of the programme:</b> Mr. Edmundas Bartkevicius, edmundas.bartkevicius@vdu.lt <b>Address</b> Studentu str. 11, LT-53361 Kaunas distr., Lithuania <b>Website</b> <a href="https://zua.vdu.lt/en/faculties/faculty-of-forest-sciences-and-ecology/">https://zua.vdu.lt/en/faculties/faculty-of-forest-sciences-and-ecology/</a>