

### Biology, Bachelor Studies Programme, 2023

Institution		Department/Laboratory	Themes
<b>Life Sciences Center</b>	<b>Institute of Biosciences</b>	Department of Botany and Genetics	<p>Effect of Cyanophage Infection on Cyanobacterium <i>Aphanizomenon flos-aquae</i> Growth, Carbon Assimilation and Nitrogen Fixation</p> <p>Distribution of European mistletoe (<i>Viscum album L.</i>) in Lithuania</p> <p>Effects of P, Ca and Mg Ions on the Induction of Colonies of <i>Microcystis aeruginosa</i> (NIES - 298)</p>
		Department of Zoology	<p>Features of the Distribution of the Gray Wolf (<i>Canis lupus L.</i>) and the Eurasian Lynx (<i>Lynx lynx L.</i>) in the Massif of the Biržai Forest</p> <p>Research of Lesser Spotted Eagle (<i>Clanga pomarina</i>) in Biosphere Polygon of the Taujėnai - Užulėnis Forests</p> <p>Effectiveness of Chemical Population Control on the Invasive Slug <i>Arion vulgaris</i> Moquin-Tandon 1855</p> <p>Di(2-ethylhexyl)phthalate and Dibutylphthalate Genotoxic Effect on Rat Erythrocytes</p> <p>The Activity of Bats in Urban Part of the City During Autumn</p>
		Center of Ecology and Environment	<p>The Effect of Polystyrene Diet on the Fitness of <i>Tenebrio molitor</i> (L.) and <i>Zophobas morio</i> (F.) Larvae</p> <p>Study of Captive Cotton-Top Tamarin (<i>Saguinus oedipus</i>) Individual Behavior and Temperament</p> <p>Impact of UV Light on Toxicity of Pesticide Actara and Its Active Substance Thiametoxam by <i>Vibrio fischeri</i> Bioluminescence Inhibition Assay</p>

<b>Nature Research Centre</b>		Laboratory of Chemical and Behavioural Ecology	<p>Applied Scientific Research to Optimize the Yellow Mealworm (<i>Tenebrio molitor L.</i>) Egg Collection Process</p> <p>Morphometric Analysis of Lithuanian Population of European Dark Bee (<i>Apis mellifera mellifera</i>)</p> <p>The Evaluation of Honey Bee Colonies Overwintering in Lithuanian Apiaries</p> <p>The Effect of Food Industry by-products on the Growth Dynamics of Yellow Mealworm</p>
		Laboratory of ecotoxicology	Effects of CdSe/ZnS quantum dots on <i>Salmo trutta fario</i>
		Laboratory of molecular ecology	Species Molecular Identification of <i>Sarcocystis</i> Genus by Researching Muscle Samples of Alpine Ibex ( <i>Capra ibex</i> ) Dyed with Methylene Blue
		Laboratory of Nuclear Geophysics and Radioecology	Vertical Distribution of <sup>137</sup> Cs Radionuclide in Upper Soil Layer, Forest Floor and Red Raspberry Plants ( <i>Rubus idaeus L.</i> ) in a Middle of Lithuania
		Laboratory of Evolutionary Ecology of Hydrobionts	Genetic Diversity of Native Lithuanian Freshwater Amphipods
		P. B. Šivickis Laboratory of Parasitology	Morphological and Molecular Research of Onchocercid Nematodes Parasitizing in Tits ( <i>Paridae</i> )
		Laboratory of algology and microbial ecology	Assessment of Water Quality in the Recreational Areas of Gineitiškės and Jieznas Lakes Based on Phytoplankton Parameters
		Laboratory of plant pathology	<p>Selection of Antagonistic Bacteria for Pathogenic Fungi of the Genus <i>Diaporthe</i></p> <p>Evaluation of Wood Degrading Capabilities of Xylotrophic Fungi <i>Flammulina velutipes</i>, <i>Fomitopsis pinicola</i> and <i>Trametes versicolor</i> <i>in vitro</i></p>
		Laboratory of Flora and Geobotany	Syntaxonomy and Ecological Features of Thermophilous Scrub Communities