

# Life and related Sciences at Vytautas Magnus University

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VYTAUTAS  
MAGNUS  
UNIVERSITY  
MCMXXII

Education 360°

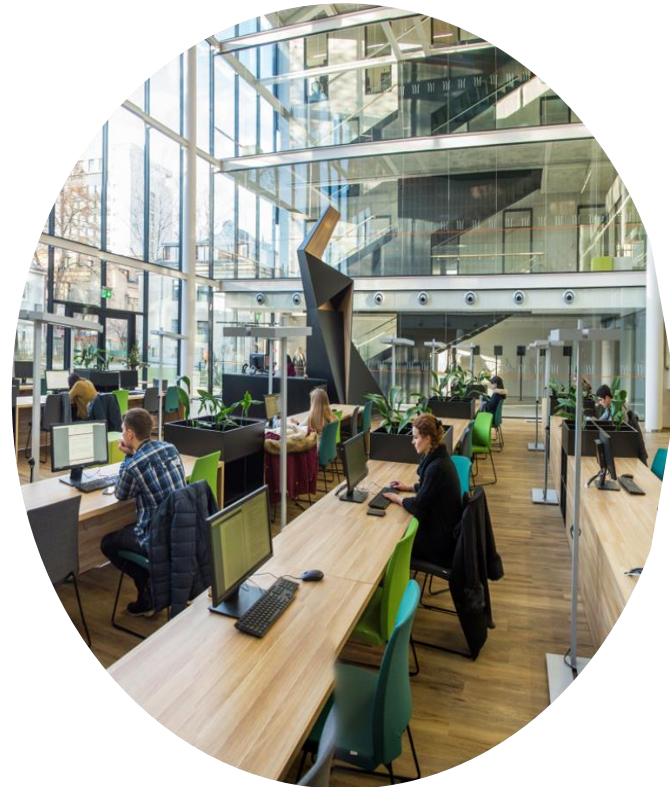
# STUDIES

## Bachelor level study programs

- Biology and Genetics (LT/EN)
- Biotechnology (LT/EN)
- Environmental Sciences (LT/EN)

## Master level study programs

- Molecular Biology and Biotechnology (LT/EN)
- Applied Biotechnology (LT/EN)
- Environmental Management (LT/EN)

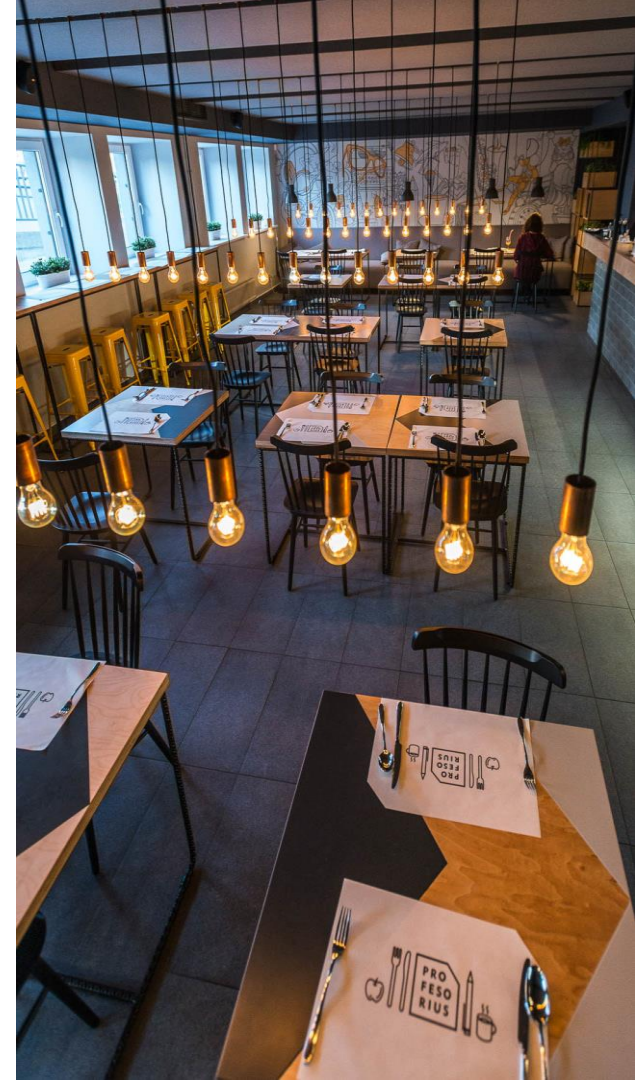


# Master level study programs

- Biochemical Analysis (LT only)
- Biotechnology and Pharmaceutical Analysis (LT only)
- Industrial Ecology (LT only)

# PhD studies

- Biology
- Ecology and Environmental Sciences
- Biophysics
- Biochemistry



# RESEARCH PRIORITIES

- Effect of Anthropogenic Environmental Changes and Climate to Alive Organisms
- Ticks and tick-born diseases
- Research on Delivery of Medicine and Genes
- Instrumental Analysis Methods
- Additive manufacturing and functional biomaterials
- Molecular Bioenergetics

# Horizon 2020 PROJECTS



- Advancing Tools for Human Early Lifecourse Exposome Research and Translation (ATHLETE)
- Citizen Science for Urban Environment and Health (CitiS-Health)
- Molecular harvesting with electroporation, microfluidics and nanoparticles for diagnostics and therapy of heterogeneous solid tumours (Matisse)

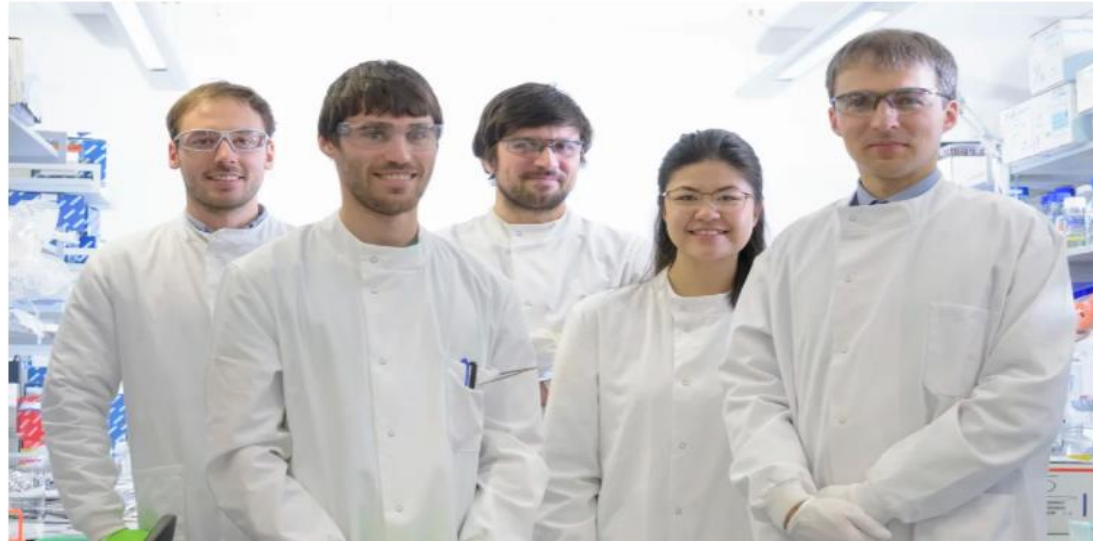
# ACHIEVEMENTS



- **Lithuanian Science Award** in the field of Biomedicine and Agricultural Sciences for the cycle of work *Effects of Urban Environment, Psychosocial and Epigenetic Factors on Health from Infancy to Maturity (2005–2019)* (Prof. dr. Regina Gražulevičienė, prof. dr. Audrius Dėdelė)
- **Member of the Lithuanian Academy of Science** – prof. dr. Audrius Sigitas Maruška
- **Laureate of the Pranciškus Šivickis (Biology) Award of the Lithuanian Academy of Sciences** - prof. dr. Algimantas Paulauskas

# NOTABLE ALUMNUS

- Professor Skirmantas Kriauciūnas – leader of Kriauciūnas group, **Ludwig Institute of Cancer Research, University of Oxford, UK**



<https://www.ludwig.ox.ac.uk/research/skirmantas-kriauciunas-group-page>

# NOTABLE ALUMNIS



- Dr. Artūras Žiemys, Department of Nanomedicine, Houston Methodist Research Institute, Houston, TX, USA
- Dr. Tomas Drevinskas – NASA Postdoctoral program fellow at Jet Propulsion Laboratory, California Institute of Technology, USA
- Dr. Mantas Šilkūnas, Research Assistant, Old Dominion University, Norfolk, VA, USA
- Dr. Giedrė Šilkūnienė, Researcher, Frank Reidy Research Center for Bioelectrics, Old Dominion University, Norfolk, VA, USA



# Thank You!

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