



VYTAUTAS MAGNUS  
UNIVERSITY  
AGRICULTURE  
ACADEMY

# For those passionate about nature and technology





# VMU AA

# in Num

# bers



**>1400**  
students

**>250**  
research and  
scientific staff

**>170**  
ERASMUS  
partners

**1924**  
founded in

**4**  
faculties

**19**  
master study  
programmes

**8**  
PhD fields

**9**  
double degree  
programmes

**5**  
study fields

**11**  
first cycle  
study  
programmes

**>1600**  
scientific citations  
of VMU AA  
products each year

**2,5**  
mIn Eur total  
value of the  
projects each year

**25**  
research labs  
and centers

**>100**  
articles in Q1  
journals each  
year

**>130**  
projects each  
year

**>50**  
scientific articles  
among the 10%  
most cited in the  
world each year

**301–350**  
rank in QS World  
University Rankings  
in agriculture and  
forestry

**9,06/10**  
average  
teaching  
assessment by  
students

## 5 Academic Departments:

Faculty of Agronomy  
Faculty of Bioeconomy Development  
Faculty of Forest Sciences and Ecology  
Faculty of Engineering  
Bioeconomy Research Institute

## 2 Non-Academic Departments:

Business and Social  
Partnership Center  
Experimental Station

## 1 Non-Academic Partner:

Training Farm



# Priority Research Areas



## Bioeconomy:

- Sustainable development of the bioeconomy
- Development of agricultural and other bioeconomy business organizations
- Integrated development of rural areas

## Biosystems Engineering:

- Biomass engineering and renewable energy resources
- Sustainable aquaculture systems
- Green tribology and nanotechnology
- Innovative agricultural and transport technologies
- Precision agriculture
- Geomatics

## Sustainability of Agro-, Forest and Water Ecosystems, Climate Change:

- Healthy soil and plants
- Sustainability of biological and natural resources, ecosystem services, increasing biodiversity
- Mitigation and adaptation of climate change impacts on ecosystems
- Increasing the sustainability of agroecosystems and ecological intensification
- Development of climate-neutral, environmentally and resource-saving competitive agro-technologies
- Development of safe and innovative food products, bio-raw materials for the industry
- Sustainable forestry
- Sustainable management of water and land resources





## Laboratories and Centers:

- Animal Production Research and Innovation Center
- Aquaculture Center
- Aquatic ecosystems
- Automatic control of machines, technological systems and processes
- Biodiesel, bioethanol and biological lubricants
- Biogas
- Biological waste and by-products usage
- Biomass treatment, logistics and solid fuel processes
- Chemical and biochemical research in environmental technology
- Geomatics
- Heat-energy processes and emission
- Progressive agricultural engineering
- Structures and building materials
- Synthesis gas, second generation liquid biofuel and biohydrogen
- Technology safety
- Tribology
- Agrobiology
- Agrobiotechnology
- Agroecology Center
- Climate change impact to forest ecosystems
- Environmental research
- Forest monitoring
- Game management
- Quality vegetable raw materials
- Soil and crop ecology

## BA Programmes:

- Agronomy
- **Food Quality and Safety (EN)**
- Landscape Design
- **Accounting and Finance (EN)**
- **Bioeconomy Business Management (EN)**
- **Logistics and Commerce (EN)**
- Agricultural Mechanical Engineering
- **Sustainable Engineering (EN)**
- Water and Land Engineering
- **Applied Ecology (EN)**
- Forestry

## PhD fields:

- Agronomy
- Economics
- Management
- Environmental Engineering
- Mechanical Engineering
- Transport Engineering
- Ecology and Environmental Science
- Forest Science

## MA Programmes:

- Agroecosystems
- **Agronomy (EN)**
- Quality and Safety of Plant Food Raw Materials
- Accounting and Finance
- Agricultural Business Management
- Agricultural Economics
- **Agri-food business management (joint degree programme, EN)**
- **Business Logistics (EN)**
- Rural Development Administration
- Agricultural Engineering and Management
- Agricultural Mechanical Engineering
- **Hydraulic Engineering (EN)**
- Land Management
- Sustainable Energy
- Transport Machinery Engineering
- **Ecology and Climate Change (EN)**
- Forestry
- **Wildlife Resources and Management (EN)**

## MBA Programme:

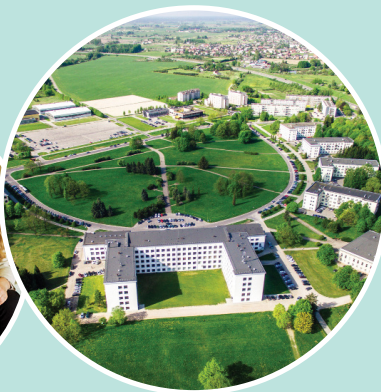
- **Customs Process Management (EN)**



## Study Environment:

- Unique **study campus**
- Comfortable **renovated dormitories**
- **Accessibility-friendly environment** for people with different needs
- The largest **University Sports Centre** in Lithuania
- **Artes liberalis** studies
- **Modern labs, lecture rooms, computer classes and libraries**

- Free access to numerous licensed **research databases**
- **ERASMUS+** exchange possibilities
- **Double diploma** studies
- Open and friendly **community**
- **Full assistance** in study matters



## Lithuania:

- Located in the center of Europe
- Largest cities: Vilnius, Kaunas, Klaipėda, Šiauliai
- Population: ~2,8 mln (~83% Lithuanians)
- Language: Lithuanian, oldest Indo-European language in the world
- Currency: Euro
- Membership: EU, NATO, Schengen Area, etc.
- Predominant religion: Roman Catholic
- Unique points: basketball, cepelinai, mega fast internet

## Kaunas:

- 2<sup>nd</sup> largest city in Lithuania
- ~286K inhabitants
- 100 km from the capital, Vilnius (buses and trains travel between cities every 15 minutes)
- City of students (~50K every academic year)
- Low-fare airlines connect Kaunas with many Cities in Europe
- European Capital of Culture 2022!



## Vytautas Magnus University Agriculture Academy

Studentų str. 11, Akademija, LT-52261 Kaunas district, Lithuania

Phone +370 37 752 300

E-mail [zua@vdu.lt](mailto:zua@vdu.lt)

[zua.vdu.lt/en/](http://zua.vdu.lt/en/)

*Facebook* VDU Žemės ūkio akademija

*Instagram* [vdu.zemes.ukio.akademija](https://www.instagram.com/vdu.zemes.ukio.akademija)

*LinkedIn* VDU Žemės ūkio akademija / VMU Agriculture Academy

