



University of Agronomic Sciences and Veterinary Medicine from Bucharest



UNIVERSITY OF AGRONOMIC SCIENCES AND VETERINARY MEDICINE OF BUCHAREST



- ✓ USAMV Bucharest is the oldest and largest institution of higher agronomic education in Romania, founded in 1852

The motto of USAMV Bucharest is:

“An university for life and agriculture through top quality education and research”



Academic Structure

Faculty of Agriculture

Soil Sciences Department

Plant Sciences Department

Faculty of Horticulture

Bioengineering of Horticultural and Viticultural Systems Department

Landscaping, Biodiversity and Ornamental Horticulture Department

Faculty of Animal Productions Engineering and Management

Formative Sciences in Animal

Breeding and Food Industry Department

Production and Processing Technologies Department

Faculty of Veterinary Medicine

Preclinical Sciences Department

Clinical Sciences Department

Animal Production and Health Department

Faculty of Land Reclamation and Environmental Engineering

Environment and Land Reclamation Department

Mathematics, Physics and Measurements Department

Faculty of Biotechnologies

Biotechnologies Department

Industrial Biotechnologies Department

Faculty of Management, Economic Engineering in Agriculture and Rural Development

Management and Marketing Department

Economics Accounting & Agrotourism Department

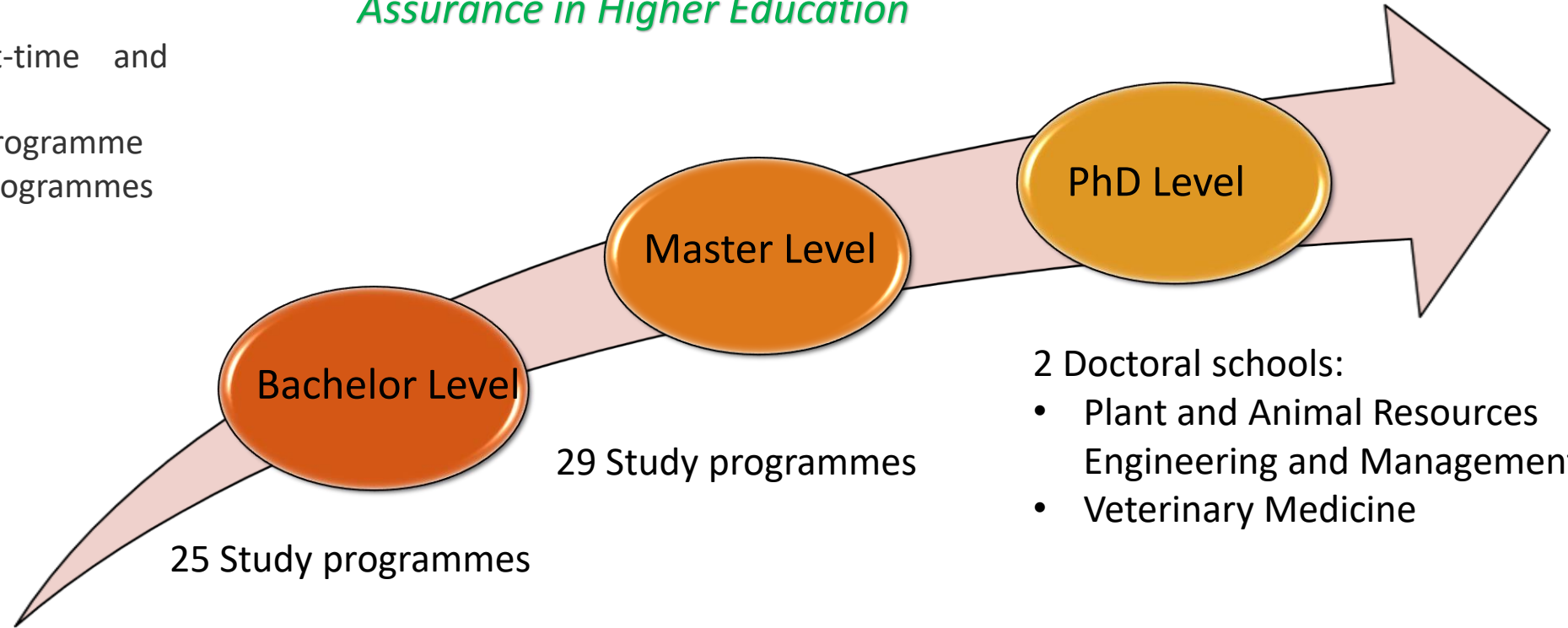


Study Programmes

STUDENTS:

- 7230 bachelor students in full-time programmes
- 2600 bachelor students, part-time and distance-learning programmes
- 1600 master students, full-time programme
- 300 master students, part-time programmes
- 250 PhD students

All the study programmes are accredited by The Romanian Agency for Quality Assurance in Higher Education



2 Doctoral schools:

- Plant and Animal Resources Engineering and Management
- Veterinary Medicine



Research expertise

- Research and studies on the nutritional quality of food products on the Romanian market in order to prevent and maintain consumer health and ensure food safety.
- Extraction, analysis and identification of organic compounds from agri-food products
- Optical and scanning electron microscopy
- Isolation, purification and characterization of some biologically active compounds from different sources
- Selection and characterization of new microbial strains (bacteria, yeasts and fungi) producing biologically active compounds
- Microbial antagonism studies in order to obtain biopreparations intended for use in agriculture
- Research on the differential expression of genes in plants and microorganisms
- Alternative plant production systems
- Study of mineral nutrition, abiotic environmental factors on plant growth and development processes
- Development of biotechnological methods for bioremediation of soil and water
- The introduction into the controlled culture of new species and strains of edible and/or medicinal indigenous macromycetes with functional food value
- Management of production quantity and quality in sustainable agriculture

Research facilities



196 laboratories for teaching activity



16 laboratories for research activity



1 Research excellence centre belonging to USAMV:
**Research Center for the Study of the Quality of
Agro-Food Products**



1 Interdisciplinary laboratory for the Study and
Modelling of Heavy Metal Accumulation



9 Research centres within the faculties



“Belciugatele”
research
station/” Moara
Domneasă”
pigment farm



“Pietroasa”
viticulture and
winemaking
research and
development
station



Istrița nursery
and fruit farm



Research cooperation

- ✓ The research teams from USAMV Bucharest have efficient logistical and human resources, which allow addressing the basic, applied and technological research issues
- ✓ Research activity is supported mainly by national and international grants, but also by the university budget
- ✓ Projects from structural funds and European and international projects contribute approx. 60% on the funding of RD projects
- ✓ Partnerships with international institutions, the exchange of information, participation in research and innovation projects, gives the opportunity to gain valuable information and knowledge and also an unique experience in terms of social, cultural and linguistic
- ✓ USAMV Bucharest is partner in **29** international framework agreements and over **160** agreements with local economic and scientific research entities





THANK
YOU

Web: <http://www.biotehnologii.usamv.ro/>
Email: secretariat@biotehnologii.usamv.ro
Tel/Fax: +40 374 022 802