

# VITALISING ICT RELEVANCE IN AGRICULTURAL LEARNING

University of Agronomic Sciences and Veterinary Medicine  
of Bucharest

Prof.dr. Florin Stănică



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# University of Agronomic Sciences and Veterinary Medicine București



**B-dul Mărăști, 59, 011464, București**

**[www.usamv.ro](http://www.usamv.ro)**



**1852:**

Prince Barbu Dimitrie Știrbei signed the act for establishing The Agricultural Institute in Pantelimon.

Three years later, 1855, the School of Veterinary Education was established.



**1868:**

Herăstrău School of Agriculture and Forestry was created  
with the slogan:

*EX TERRA AURUM*



**Carol I**  
(1866-1914)





**Following the years agronomic education evolved, as did the institution names:**

The Higher Agricultural School in Herăstrău (1915),  
The Academy of High Agronomic Studies (1929),



The Bucharest Agronomic Institute (1948),  
The Agronomic Institute “Nicolae Bălcescu” (1952),  
The University of Agronomic Sciences (1992).

**The University of Agronomic Sciences and Veterinary Medicine  
(since 1995).**



# University of Agronomic Sciences and Veterinary Medicine București

"a university for life and agriculture through top quality  
education and research"

- 7 Faculties, 12,000 students
- 24 Bachelor Study programs
- 26 Master of Science programs
- 2 Doctoral Schools
- 11 Research Centers
- 3 R&D Stations



# Faculty of Agriculture

Cycle I – B.Sc. Studies:

- Agriculture; Soil Sciences; Plant Protection; Forestry; Biology

Cycle II – M.Sc. Studies:

Sustainable Agriculture;  
Agricultural Consulting;  
Management and Expertise of Land Resources;  
Agro-ecosystem Protection and Phytosanitary Expertise;  
Plant Breeding and Seed Production.

Cycle III – Doctoral Studies



# Faculty of Horticulture

Cycle I – B.Sc. Studies:

- Horticulture; Landscape Architecture

Cycle II – M.Sc. Studies:

- Integrated technologies for the production of high quality horticultural products;
- Management of biodiversity conservation;
- Professional technologies – management and marketing in wine-making field
- Modeling and conservation of urban vegetation landscape

Cycle III – Doctoral Studies





# Faculty of Animal Science

Cycle I – B.Sc. Studies:

Animal Husbandry,

Fishing and Aquaculture;

Food products engineering – Agricultural products processing technology;

Cycle II – M.Sc. Studies:

Zootechnical farms design and development;

Technologies in food industry.

Cycle III – Doctoral Studies



# Faculty of Veterinary Medicine

Cycle I+II – B.Sc. Studies: Six years  
Veterinary Medicine (Romanian and English);  
Control and expertize of food products

Cycle III – Doctoral Studies



# Faculty of Land Reclamation and Environmental Engineering

## Cycle I – B.Sc. Studies

Engineering and Environment Protection in Agriculture

Land Measurement and Cadastral Survey

Land Reclamation and Rural Development

Construction Management and Engineering

## Cycle II – M .Sc. Studies

Rural Engineering and Environmental Protection

## Cycle III – Doctoral Studies





# Faculty of Biotechnology

Cycle I – B.Sc. Studies:

Agricultural Biotechnologies

Industrial Biotechnologies

Veterinary Medicine Biotechnologies

Cycle II – M .Sc. Studies

Biotechnologies and Food Safety

Biotechnologies in Environment Protection

Modern Applications of Biotechnology in Agriculture

Cycle III – Doctoral Studies



# Faculty of Management and Rural Development

Cycle I – B.Sc. Studies:

Economic Engineering in Agriculture;

Engineering and Management in Public Catering and Agro tourism.

Cycle II – M .Sc. Studies

Management and Rural Development;

Quality and Innovation Management in Agro Food Sector;

Management in Agro tourism and Public Catering;

Agro Business;

Management and Internal Audit;

Management of Life Long Learning

Cycle III – Doctoral Studies







## ICT at USAMV București

### Hortinvest Experimental Greenhouse – 3,000 sqm

- 19 compartments - totally controlled growing environment
- NFT – nutrient film technology
- soilless crops







# ICT at USAMV București

## China-Romania Agriculture Science&Technology Park

### Plant Factory:

- totally controlled growing environment
- NFT – nutrient film technology
- soilless crops





## ICT at USAMV București

### China-Romania Agriculture Science&Technology Park Chinese Solar Green House :

- controlled growing environment
- solar energy saving system







# Future events

## Agriculture for Life, Life for Agriculture

### International Conference

4-6<sup>th</sup> of June 2020







# Agriculture for Life, Life for Agriculture

## International Conference

4-6<sup>th</sup> of June 2020



## Istrița Sweet Cherry Festival





# **Agriculture for Life, Life for Agriculture**

## **International Conference**

4-6<sup>th</sup> of June 2020



## **Pietroasa Viticulture and Wine-Processing Research and Development Station**





# Thank you and welcome to București!



**University of Agronomic Sciences and Veterinary Medicine**  
**Bd. Mărăști, nr. 59, sector 1, 011464 București, Romania**  
[rectorat@usamv.ro](mailto:rectorat@usamv.ro); [www.usamv.ro](http://www.usamv.ro)



**Thank you !**



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