



University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca,
Romania



Tradition & Modernity





> 6000 yearly students

400

foreign students



> 180 international partnerships



29 BA Programmes



23 MA Programmes



1050 student scholarships



2 Doctoral Schools



2 research institutes



245 research centers & laboratories



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Throughout its existence, from 1869, our university has been one of the most prestigious Life Sciences Universities in Romania.

Each year, over 2000 students, specialists in agriculture, horticulture, biotechnology, animal science, veterinary medicine, food science and technology, successfully complete our university's courses. Due to the study lines in English and French, a significant number of foreign students join the University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca's (USAMV Cluj-Napoca) courses.

During the past ten years, USAMV Cluj-Napoca has grown significantly, especially due to the shift in its mission and strategy, towards becoming a university dedicated mostly to research.

According to the ARACIS national assessment, our University has been assessed twice by the European University Association, recently being ranked in the Top 12 of the best advanced research and education universities in Romania.

The SIR 2015 classification includes 23 universities and research institutes and, just as in last year's SIR classification, USAMV Cluj-Napoca is the only agriculture and veterinary medicine university in the country included in this ranking. Over 7000 teaching staff members and students benefit from state of the art technology and facilities for developing theoretical studies and practical courses.

Our university's campus takes pride in a modern library and a pilot farm spanning over an area of more than 2000 hectares, two research institutes, a gene bank, an aquarium, a botanical and comparative parasitology museum, an anatomy museum, as well as the first agro-botanical garden in Cluj-Napoca.

Over 400 international students from the European Union choose to study at our university each year, while more than 100 students are granted scholarships within the Erasmus program for studying abroad.

USAMV Cluj-Napoca pays particular attention to research, development and innovation. Thus, more than half of the University's budget comes from national and international grants.

Internationally, USAMV Cluj-Napoca has a very intense activity. The institution has ongoing operation agreements with universities and research institutes from over 40 countries, contributing as a proactive member to the activity of several international associations, such as: EUA, ICA, CASEE, DRC, AUF, GCHERA, BSUN etc.



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Prof. CORNEL CĂTOI, DVM, PhD





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University of Agricultural Sciences and Veterinary Medicine 1894

1869 USAMV CN is the successor of the prestigious Higher School of Agriculture of Cluj, founded more than 145 years ago, in October 1869, under the name of Institute of Agronomic Studies, Cluj-Manastur. In 1906, the Institute reached the level of Academy, becoming the Academy of Agriculture of Cluj.

For almost 50 years since its establishment, until the end of the second decade of the last century, the Agronomic School of Cluj comprised one department - that of agriculture - with a three-year duration of study.

1906 The new statute of the Agricultural Sciences Academy was approved.

The creation of the unified national State in 1918 marked the beginning of a new stage in the evolution of the Agronomic School of Cluj. Since then, it has developed continuously, due to the efforts and competence of many ensuing generations of teachers and students of the agronomic education of Cluj at that time.

1921 In 1921 the agronomic academic education in our country has been set to four years of study, out of which three of theoretical studies, and a fourth year of internship in state-owned or private farms. Since 1922 the graduates have been receiving the degree of "agronomic engineer".

1929 In 1929 after the reorganization and modernization of the higher agronomic education, the Agronomic School of Cluj became the Academy of High Agronomic Studies, Cluj.

1940 As a result of the Vienna Dictate, between 1940-1945, the Academy of Agriculture of Cluj (teaching staff, students and part of its inventory) took refuge in Timisoara, where they carried out their activity as the Faculty of Agronomy, Cluj-Timisoara. In 1945, the Faculty of Agronomy returned to Cluj. Since 1948, it functioned as the Agronomic Institute of Cluj, initially with one Faculty, that of Agriculture. In 1959, the Faculty of Animal Sciences was created. In what concerns the Faculty of Veterinary Medicine, it came into being in 1962.

1977 In 1977 the Department of Horticulture was founded, and merging with the Department of Agriculture, they formed the Faculty of Agriculture and Horticulture.

1978 During 1978 - 1987, the Agronomic Institute Cluj had two faculties: the Faculty of Agriculture and Horticulture and the Faculty of Animal Science and Veterinary Medicine.



University of Agricultural Sciences and Veterinary Medicine 1894

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University of Agricultural Sciences and Veterinary Medicine 1908

1990 In 1990 the University was reorganized into four faculties: (Agriculture, Horticulture, Animal Science and Veterinary Medicine), and later on, new programs were created within long term education (BSc), master courses (MS), PhD studies (PhD), distance learning (DL) and part-time learning (PTL).

1991 In 1991 the Agronomic Institute changed its name to University of Agricultural Sciences, then, in 1995, to University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. The educational system has been aligned to Bologna Standards, and the European Credit Transfer and Accumulation System (ECTS) credit system was introduced in 1998.

Throughout its 150 years of existence, our university has strived to be a pole of reference, bridging research development and academic excellence. As future goals, we aim to continue delivering high quality education, with a practical approach, to strengthen our international partnerships and to maximize our research potential.

University of Agricultural Sciences and Veterinary Medicine, Life Sciences Institute



2012 After 20 years of successful studies in food science, the university's Department of Food Science was transformed into the Faculty of Food Science and Technology.

Present USAMV CN is one of the most prestigious universities in Romania, it is a member of the Romanian Consortium of Universities of Agricultural Sciences, of the Consortium of Universities of Cluj-Napoca and also a member of the European University Association, following its official assessment in 2003.

The university's new strategy aims at modernizing the entire educational process, extending the research projects and programs and also promoting and encouraging international relations.

Faculty of Agriculture

offers a new approach towards earth and life sciences and the biodiversity of the living world.

Faculty of Horticulture

shows a continuous diversification from economics and tourism to landscape science and forestry.

Faculty of Animal Science and Biotechnology

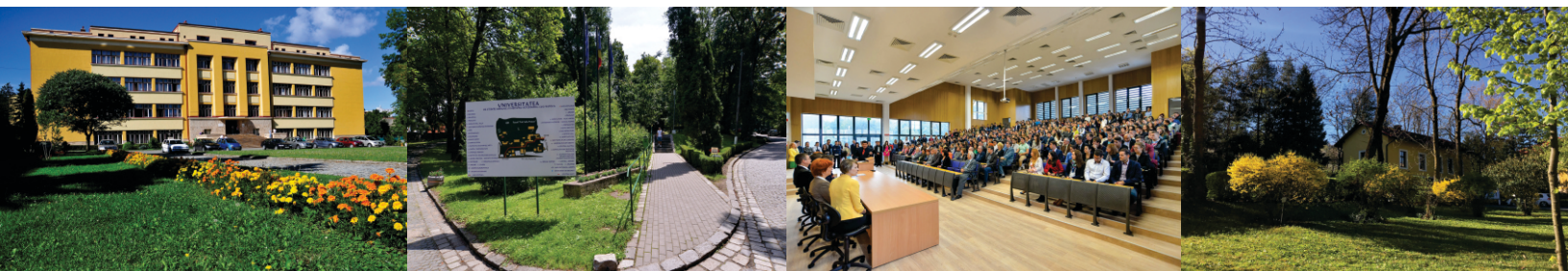
provides education based on modern breeding technology and including strong biotechnology programs.

Faculty of Veterinary Medicine

is known for the quality of its education - an EAEVE certified Romanian faculty for excellence in veterinary education.

Faculty of Food Science and Technology

trains specialists in the field of food engineering, food quality control, expertise and food science.





WHY CHOOSE THE FACULTY OF AGRICULTURE?

The chance to interact with top specialists in the agricultural field, during practical training, field visits and educational trips;

Scholarships and practical training abroad, at the over 70 partner universities;

Modern facilities for study, accommodation, lunch, practical training and recreation;

Dynamic student experience, participation to various projects, students' communities, sports competitions, field trips and parties.

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The Faculty of Agriculture in Cluj-Napoca was the first faculty founded within our university, in 1869. Today, it has a leading position among the country's faculties from the same field, being a faculty where respect towards the profession is taught along with the other human values: honesty, responsibility and team spirit.

The mission is to train specialists, by promoting the excellence of education at the level of Bachelor's, Master's and Doctor's Degree. The faculty has specializations with a strong tradition in the rural area: agriculture, mountain agriculture, as well as novel specializations, such as: biology, environmental protection and engineering, machineries and installations for the food industry.

The students have the option to continue their professional training in the field, through Master's Degree specializations, such as: organic agriculture, management of natural and agritourism resources, rural development, biology of agroecosystems, plant and environmental protection, but also to specialize in the field of agronomy, through a doctorate.

The faculty's high profile is provided by the professional prestige of our teaching staff members, whose preoccupation for the quality of the educational process is harmoniously combined with the research activity. The obtained results lead to the consolidation of the faculty's position as a pillar of excellence in research. The teaching staff also provides consultancy in the fields of competence, for private companies, manufacturers and stakeholders.

BACHELOR STUDIES 4 FL Ro

Agriculture + DL
 Mountanology
 Environmental Engineering + DL
 Machineries and Installations for Agriculture and Food Industry
 Biology (only) 3

MASTER STUDIES 2 FL Ro

Management of Natural and Agrotourism Resources in Mountain Areas
 Agriculture, Climatic Changes and Food Safety Fr
 Biology of Agroecosystems
 Protection of Natural and Anthropic Systems
 Rural Development
 Plant Protection
 Organic Agriculture

CAREER PATH

Engineer on private, individual or associative farms;
 Specialists for consultancy centers, environmental agencies and research centers;
 Specialist in ecology and environment protection.

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WHY CHOOSE THE FACULTY OF HORTICULTURE?

> 1600 students have chosen to study within the Faculty of Horticulture so far;

Wide variety of study programs in the horticultural, forestry, economics, landscaping fields;

Modern technical and material base, course, seminary and laboratory halls equipped with all facilities, experimental fields, greenhouses, didactical collections of trees, vine, vegetables and decorative plants, forest plants, hunting fund, etc;

Specializations which are permanently adapted to the requirements of the economic environment.

The Faculty of Horticulture is one of the five academic structures that constitute the University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania.

The Horticulture Department was founded in 1977, within the Faculty of Agronomy. The development of human resources and several new disciplines and research laboratories within this department has allowed the founding of the Faculty of Horticulture, in 1990.

The faculty was continuously developed from an academic perspective, research activity and international relations, and it currently has the highest number of registered students in the university.

The faculty's development is due to several academic specializations, adapted to the requirements of the economic environment, the teaching staff and auxiliary staff, with high specialized training and dedicated to the students' professional, intellectual and personal development, completed by an adequate academic and research infrastructure.

The research infrastructure and recent investments through EU funding have allowed the set-up of several centres, such as the Research Centre for Biodiversity and the Transylvanian new Institute for Advanced Horticultural Research.

BACHELOR STUDIES 4 FL Ro

Horticulture + DL

Landscaping

Forestry

Economic Engineering in Agriculture

Management and Engineering in Public Food Service
and Agritourism

Management and Engineering in Tourism

Land Measurements and Cadastre

MASTER STUDIES 2 FL Ro

Management of Horticultural Production in Controlled Climate

Horticulture Sciences

Design and Maintenance of Green Spaces

Genetic Engineering in Plant Amelioration

Technology and Use of Special Vines and
Derived Products

Biodiversity and Bioconservation

Forest Ecosystem Management

Agribusiness En

Agroalimentary Economy

Sustainable Management of Biodiversity and Forestry Resources

Monitoring Systems and Cadastre

CAREER PATH

Horticultural Expert/Inspector/ Adviser;
Landscape Engineer;
Tourism Analyst/Manager;
Manager of the economic and financial
department of the economic organizations;
Land measurement and cadaster engineer.

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WHY CHOOSE THE FACULTY OF ANIMAL SCIENCES AND BIOTECHNOLOGY?

Increased student mobility within similar profiles, at a national and international level and the application of the European transferable credits;

Scholarships at partner universities from abroad, within several programs;

The attendance of DPPD courses allows students to get a certificate acknowledged by MECI;

The option of attending a horse riding school, in the faculty's equine base.

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In 1935, a separate Animal Science department emerges, which is operational until 1946. The Animal Science Department is reinstated in 1959 with one graduate series, and in 1968, the Faculty of Animal Science, as a distinct entity, is founded.

After 1992, the Faculty of Animal Science incorporates other specializations (Agricultural Biotechnology, Pisciculture, Biotechnologies for the Food Industry) and is named the Faculty of Animal Science and Biotechnology.

Currently, the Faculty of Animal Science and Biotechnology is a prestigious academic unit, acknowledged and appreciated at a national and international level for the quality of the education and scientific research conducted, for the skills of the teaching staff and the value of the graduates in the following fields: Animal Science, Agricultural Biotechnologies, Medical and Veterinary Biotechnologies, Pisciculture and Aquaculture, Biotechnologies for the Food Industry.

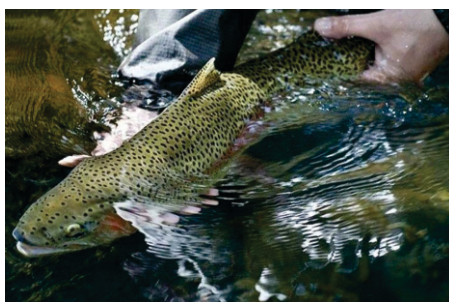
Here, the students develop their skills in empirical activities, carried out in specialized structures such as animal farms and laboratories equipped to state-of-the-art standards, such as laboratories for in vitro fertilization and animal cell cultures; beekeeping and silk culture laboratory; animal nutrition laboratory; laboratory of quality control of bee products and others.

BACHELOR STUDIES **4** **FL** **Ro**

Animal Science + **DL**
 Agricultural Biotechnologies
 Medical and Veterinary Biotechnologies
 Biotechnologies for the Food Industry
 Pisciculture and Aquaculture

MASTER STUDIES **2** **FL** **Ro**

Management of Animal Breeding and
 Aquaculture
 Management of the Quality of Animal Origin Products
 Applied Biotechnologies



CAREER PATH

Engineer in livestock and fish farms;
 Engineer in units for breeding and selection
 of animals;
 Researcher in laboratories for food,
 agricultural or veterinary medical
 biotechnology;
 Expert in certification and evaluation of
 livestock products.

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WHY CHOOSE THE FACULTY OF VETERINARY MEDICINE?

International learning environment;

EAEVE approved since 2017;

Numerous collaboration and cooperation relations with various faculties in the field, from Europe and the US, yielding benefits for both members of the teaching staff and students, in terms of mobility scholarships, specialization training or scholarships;

Intense practical courses, professional training;

Listed in EU first league of European Veterinary Schools.



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The cornerstone of the Faculty of Veterinary Medicine was laid in 1962, in the context of the need for a national medical veterinarian education, compliant with the mandatory requirements involved by breeding and ensuring the quality of livestock.

Since its founding, the Faculty of Veterinary Medicine has been part of the Institute of Agronomy, which subsequently became the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca.

The length of study was initially 5 years, but as of 1990, the syllabus was restructured for 6 years of study. Upon the completion of their Bachelor Degree exam, the graduates would receive the title of veterinary physician. In its over 55 years of existence, the faculty has trained and educated over 4000 veterinary physicians.

In 2007, EAEVE assessment commission has considered that the Faculty of Veterinary Medicine in Cluj-Napoca has managed to comply with the main recommendations of the commission and join the positive list of European faculties, being listed in the first league, representing the top 40 faculties of veterinary medicine in Europe. All the aforementioned aspects, which positively integrate in a spectacular natural environment, along with the specifics and traditions of the student life in Cluj, turn the Faculty of Veterinary Medicine in Cluj-Napoca into an adequate space for professional training, for those joining each year, and a favorable environment for young people with a passion for study, in achieving their dream of becoming veterinary physicians.

Since April 2017, the faculty is fully approved by the European Association of Establishments for Veterinary Education, as it complies with the recommendations of the committee, joining the positive list of European faculties.

BACHELOR STUDIES **6** **FL**Veterinary Medicine **Ro**Veterinary Medicine **En**Veterinary Medicine **Fr**

VETERINARY EMERGENCY HOSPITAL

The Veterinary Emergency Hospital provides permanent emergency veterinary services for all species, including exotics. It promotes high-quality emergency veterinary medicine services, provided by a dynamic, ambitious and competent team.

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CAREER PATH

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Biomedical researcher;
Veterinary police;
Nutritionist, epidemiologist.

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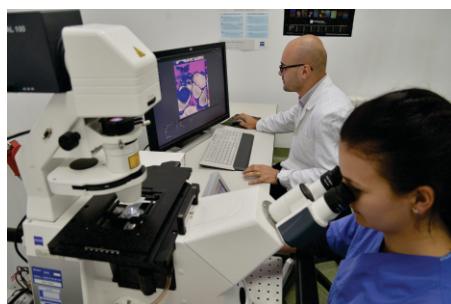
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LEGEND

2**3****4****6**

Study period

FL

Full-time Learning

DL

Distance Learning

Ro

Romanian

En

English

Fr

French



WHY CHOOSE THE FACULTY OF FOOD SCIENCE AND TECHNOLOGY?

One of the highest ranked food science programs in Romania;

The faculty has cooperation agreements with several faculties and institutions, supporting international research, curricula development, academic, cultural and social exchange;

Important scientific breakthroughs in the food science and technology field;

Dynamic academic programs.



The Faculty of Food Science and Technology is one of the most important academic institutions in the field of Food Product Engineering in Romania. The Food Science and Technology Department was founded in 1992 within the Faculty of Agriculture from the University of Agricultural Sciences and Veterinary Medicine in Cluj-Napoca.

The dynamic development of academic programs, considered to be some of the most comprehensive in the country, covers almost every academic and research field of food product science and technology, such as food chemistry, food microbiology, food engineering, food biotechnology, food technologies, food product control and expertise. Also, new cross-disciplinary programs, such as human nutrition and food safety, were implemented due to the economic globalization and the increase in food product international trade.

The Faculty of Food Science and Technology provides Bachelor's Degree academic programs for the specializations Agricultural Product Processing Technology, Food Product Control and Expertise and Food Product Engineering. The faculty has the most modern academic and research infrastructure in the country. The students' practical training is conducted in modern pilot stations, provided with food industry equipment and installations.

The faculty provides Master's Degree academic programs, in the field of Food Product Engineering: Food Processing and Quality Control Systems, Food Quality Management and Control and Consumer Protection. These are completed by the available variety for Doctor's Degree studies in the fields of Agronomy, Biotechnologies, Veterinary Medicine, with the specializations: Food Biotechnologies, Vegetal Raw Materials and Veterinary Medicine.

BACHELOR STUDIES 4 FL Ro

Food Product Processing Technology + DL
 Food Product Control and Expertise
 Food Product Engineering

MASTER STUDIES 2 FL Ro

Food Quality Management En
 Food Processing and Quality Control Systems
 Food Safety and Consumer Protection
 Gastronomy, Nutrition and Diet Ro
 Gastronomy, Nutrition and Diet En

CAREER PATH

Engineer in food quality control offices;
 Consumer protection inspector;
 Expert in the food industry;
 Researcher in the food science field.

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The University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca is an institution that has undertaken the mission of advanced research. In order to follow this strategy, the doctoral studies constitute a major component. The University is accredited as an Institution for Doctoral Studies (IOSUD) and consists of two doctoral schools dedicated to Engineering Agricultural Sciences and Veterinary Medicine.

The doctoral studies, shortly referred to as PhD studies, constitute the third cycle of university studies offered by our institution and allow for a PhD at a Level 8 qualification from the European Qualifications Framework (EQF) and from the National Framework Qualifications (CNC). Our doctoral schools offer solely doctoral university studies, focusing on research and innovation learning, with the objective of forming the human resource for the professional career in higher education, as well as in research and development. The fields of doctorate at USAMV CN are: Agronomy, Horticulture, Animal Science, Biotechnology and Veterinary Medicine.

Full-time learning and distance learning programmes are available within our doctoral schools, for which budgeted and tuited places are allocated.

The doctoral schools are run by the Doctoral Studies Council (CSUD), consisting of PhD supervisors and PhD candidates. The CSUD is coordinated by a director, assimilated to the vice-rector position. The mission of CSUD is to organize PhD studies, which are carried out within the doctoral degree programs, offered by our doctoral schools through their supervisors.

Annually, an admission contest is organized in September for the approximately 80 places of the two doctoral schools for the five fields of specialization. Full-time learning PhD studies are funded by scholarships granted by the Ministry of Education. The doctoral students who have opted for a reduced frequency, but continue to work in the university's laboratories, can be granted special scholarships from the University's own resources.

Doctoral students are encouraged during their studies to undertake internships in foreign universities with which partnerships are concluded in the "Erasmus" program.

PHD STUDIES/FACULTY OF AGRICULTURE 3 FL Ro

Plant Protection
 Pedology
 Genetic Engineering in Plant Amelioration
 Agricultural Techniques
 Plant Science
 Agricultural Chemistry
 Fodder Manufacturing and Storage
 Biophysics
 Land Improvement
 Vegetal Raw Materials
 Agricultural Management and Marketing
 Land Improvement System Operation and Crop Irrigation
 Microbiology

PHD STUDIES/ FACULTY OF HORTICULTURE 3 FL Ro

Genetic Engineering in Plant Amelioration
 Flower and Ornamental Tree Culture
 Vegetable Growing
 Fruit Growing
 Vine Growing
 Agricultural Management and Marketing
 Land Improvement System Operation and Crop Irrigation
 Biophysics

PHD STUDIES/ FACULTY OF ANIMAL SCIENCES AND BIOTECHNOLOGY 3 FL Ro

Technology of Animal Origin Products
 Cattle and Equine Exploitation Technology
 Animal Feeding
 Fur and Game Animals and Pisciculture
 Genetic Engineering and Animal Amelioration
 Reproductive Biology
 Animal Physiology
 Biochemistry and Biotechnology of Food and Agricultural Products
 Vegetal Biotechnologies
 Biophysics and Biotechnology of Food and Agricultural Products
 Agricultural Biotechnologies

PHD STUDIES/FACULTY OF VETERINARY MEDICINE 4 FL Ro

Infectious Diseases
 Normal and Pathological Morphology
 Veterinary Obstetrics and Andrology
 Parasitic Diseases
 Animal Hygiene
 Microbiology – Immunology
 Normal and Pathological Physiology
 Sanitary and Veterinary Technology and Expertise
 Medical Semiology and Pathology
 Surgical Pathology
 General and Special Animal Science
 Pharmacology and Toxicology

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PHD STUDIES/FACULTY OF FOOD SCIENCES AND TECHNOLOGY 3 FL Ro

Food Biotechnologies
 Vegetal Biotechnologies
 Vegetal Raw Materials
 Sanitary and Veterinary Technology and Expertise

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DISTANCE AND PART-TIME LEARNING DEPARTMENT (DIDFR)



The Distance and Part-Time Learning Department (DIDFR) within USAMV Cluj-Napoca was founded in 2000 and is currently operating in compliance with the Standards for Distance and Part-Time Learning and those of its own regulations, approved by the University Senate.

Distance and Part-Time Learning involves the use of a wide variety of educational technologies: printed study materials, interactive audio-video and multimedia techniques, remote classes, computer based teaching techniques, practical works and seminars.

The academic options are centered around the student's needs for training, regardless of the location where he/she is learning. USAMV Cluj-Napoca provides a wide range of IDFR academic programs, certified or authorized, having an adequate material base of specific academic resources, a tutorial educational staff network, specialized in IDFR technology, for the following specializations:

- Faculty of Agriculture: Agriculture and Environmental Protection
- Faculty of Horticulture: Horticulture
- Faculty of Animal Science and Biotechnology: Animal Science
- Faculty of Food Science and Technology: Agricultural Product and Processing Technology

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“DIDFR gave me the opportunity to think outside the box and follow an old passion of mine.”
(Levente-Bela Debreczeni, student)

“The courses are well structured and presented, focusing on the main aspects of the subjects.” (Marius Băican, student)

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TEACHER TRAINING DEPARTMENT (DPPD)

The Teacher Training Department (DPPD) is a component of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, aiming to provide the initial and continuous training of the teaching staff in the academic and postgraduate education.

DPPD provides the psycho-pedagogical training of academic education students and graduates who choose the didactic profession.

The Teacher Training Department currently provides the following academic programs:

1. The psycho-pedagogical academic program for obtaining Level I and Level II certification for the didactic profession, achieved through:

- Academic education for obtaining Level I certification (initial level) – gives the graduates the right to occupy the didactic positions of teaching in the obligatory secondary education;

- Postgraduate courses for obtaining Level I and Level II certification (advanced study) – gives the graduates the right to occupy the didactic positions of teaching in high school and higher education.

Students may attend the courses of the second level only after having graduated from the courses of the first level.

2. Continuous training and development programs and activities for the didactic profession, achieved through:

- Training courses for the didactical qualification exams;

- Methodical training and perfecting of the didactic staff from the pre-academic system in order to achieve didactic grades: 2nd didactic grade, 1st didactic grade for the following specializations.

The organization of 2nd didactic grade, 1st didactic grade exams by pre-university professors, for the following specializations:

- Agriculture
- Mountain Agriculture
- Biology
- Agricultural Product Processing Technology
- Horticulture
- Animal Science
- Veterinary Medicine

The academic plan and the organization and development methodology are determined by the Ministry of National Education and Research. DPPD is authorized by ARACIS to issue graduation certificates

DPPD provides annually education to 800 students registered under all the specializations of our university, through the psycho-pedagogical studies programs – Level I and Level II certification for the didactic profession, and to the teaching staff from pre-university education, through continuous training programs.



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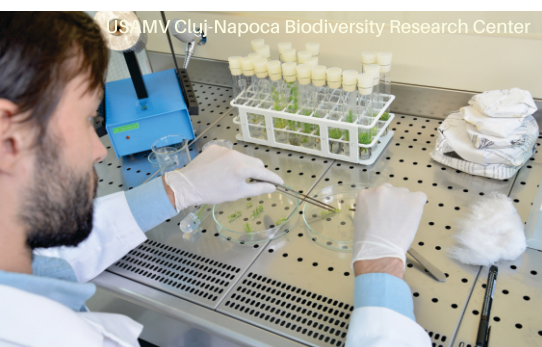
Secretary

Eng. Camelia Alămorean

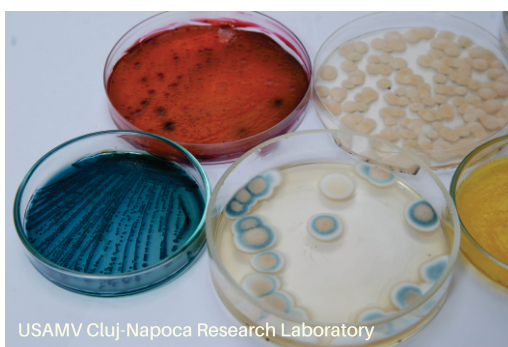
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RESEARCH, DEVELOPMENT AND INNOVATION



USAMV Cluj-Napoca Biodiversity Research Center



USAMV Cluj-Napoca Research Laboratory



Kruger National Park, South Africa



Shaba National Park, Kenya

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UT Cluj-Napoca /
Pro Invent Competition

The University has built its research on deep fundamental questions in each domain coupled with interdisciplinary approaches that bring a broad and holistic perspective to complex issues. Since the University covers an exceptionally broad range of research disciplines, it is able to promote scientific and educational developments that lead to original, universal solutions. Therefore, the University accelerates research with strategic projects that have been awarded funding mainly from the UEFISCDI (Executive Unit for Financing Higher Education, Research, Development and Innovation).

Our research infrastructure encompasses two Research Institutes, five Research Centers and ten Research Laboratories.

The University Research Institutes and Centers carry out application-oriented and field-based research. They are commissioned by the government, commercial businesses and non-profit organizations. On a research project, there is often collaboration between several institutes or national or international partners.

The research institutions develop insights and technologies that support companies, governments and other research institutes in creating innovative solutions for a healthier, more sustainable and prosperous world.

Making smart connections between various disciplines, the researchers investigate and develop at all stages: upscaling from lab to pilot and from initial idea to the production processes that deliver applied solutions to the market requirements.



The following institutions are currently established within our University:

- Two research institutes (The Institute for Life Sciences and Transylvania's New Institute for Advanced Horticultural Research);
- Fifteen research centers and laboratories (plant culture; minimal systems and sustainable agricultural technologies; life quality and environmental protection; agricultural biotechnologies; Transylvanian horticultural research; advanced research and apiculture extension; reference for advance sericulture research and promotion of silk manufacture; medical veterinary biotechnologies; compared and experimental pathology; zoonosis surveillance, diagnosis and control; agri-food biochemistry and biotechnology; food quality and safety).

Photo left: Geneva 2017 / Gold medal for invention

Our University takes part into a series of international university networks that share the task of promoting cooperative activities.

The University encourages the researcher/research groups to freely choose the research field that best suits their interest. The University provides the necessary infrastructure to support research at the highest level, including libraries, laboratories and information systems.

The impact of some research is evident immediately, whereas in other cases it can take years, or even decades, before the true value becomes palpable. The impact of the research effort is often hard to measure immediately. This is why our researchers are encouraged to focus on the quality of their research rather than the quantity of their outcomes. However, our University has managed to contract over 400 research and development grants since 2013.

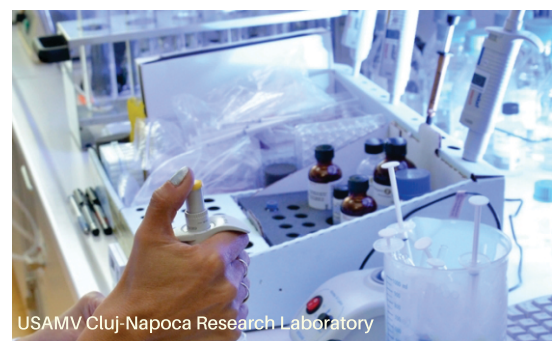
Our researchers have published over 800 ISI (Institute for Scientific Information/Thomson ISI) articles and over 2500 articles published in international databases (IDB) since 2013. The University has also won over 400 Academic prizes since 2013 of which the Gold Medal for Invention Geneva 2017 and our number of our Scopus publication is higher than any other USAMV in Romania.

THE ACADEMIC PRESS PUBLISHING HOUSE

The following publications are issued under the USAMV Cluj-Napoca aegis: Notulae Botanicae Horti Agrobotanici Cluj-Napoca (ISI) Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca (Agriculture, Horticulture, Animal Science and Biotechnology, Veterinary Medicine), Agricultura - Agricultural science and practice magazine, Scientia Parasitologica Magazine, ProEnvironment/ProMediu, Clujul Medical Veterinar, Protecția plantelor, Hameiul și plantele medicinale, Hortus Agrobotanicus Napocensis - Index Seminarum, The USAMV Cluj-Napoca Newsletter and The ASAS Cluj Branch Newsletter.



Bako National Park, Borneo, Malaysia



USAMV Cluj-Napoca Research Laboratory

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USAMV Cluj-Napoca Institute of Life Sciences



Lake Bogoria, Kenya

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INTERNATIONAL RELATIONS



The International Relations Unit includes three offices: The International Relations Office, the Erasmus+ Office and the Francophone Office (which includes CRU - Centre de Réussite Universitaire, financed by AUF BECO). The unit is coordinated by the Vice-rector for International Relations.

INTERNATIONAL RELATIONS OFFICE

The International Relations Office is in charge of the management and development of new partnerships with institutions from abroad, administration of the memberships of the University in international consortia (e.g. European University Association, Association for European Life Science Universities, Black Sea Universities Network, European Association of Research Managers and Administrators etc.). The office handles all the admission-related issues by foreign applicants and manages immigration and visa related issues for more than 350 students from over 30 countries, enrolled in the foreign language programs of the University.

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IRO is responsible of organizing international scientific meetings.



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Legend:  International Partnerships  Erasmus+ Partnerships

The office is in charge of managing the francophone activities and relations of USAMV Cluj-Napoca, having the mission of creating within the university a francophone scientific and educational atmosphere, through the interaction between students, teaching staff and researchers, all animated and sharing the francophone spirit.

The office maintains a constant connection with the Francophone University Agency – The Office for Central and Eastern Europe (AUF BECO), our university being an active member of this prestigious international association. In 2012, AUF BECO has created, within USAMV Cluj-Napoca, the Centre for Academic Achievement (CRU). CRU's specific goals are to increase interest in the academic programs in French, increase the number of francophone students, improve the French communication skills of students and teaching staff and also to promote new teaching methods. The achievement of the CRU mission involves the use of educational resources (books, databases, gadgets), but also high tech equipment, in order to create a modern space, facilitating learning and research processes

The Francophone Office of USAMV Cluj-Napoca provides high quality consultancy in the development of didactic and research project proposals. This is how the university has won two AUF funded projects, supporting academic programs in French: one supporting the Master's Degree program of the Faculty of Agriculture - "Agriculture, climate changes and food safety" - and another supporting the Bachelor's Degree program of the Faculty of Veterinary Medicine.

Furthermore, the Francophone Office supports and encourages students and teaching staff to obtain grants, participate to cultural events and undertake new teaching and research missions. The "Eugen Ionescu" Scholarships, granted by the Romanian Government since 2008, provide courses for students and researchers interested in a specialization within our institution.

Another development direction of the Francophone Office is represented by the partnerships entered with the French Institute and French Embassy in Romania. In this context, our university is an essential partner in organizing the event, "European Meetings in Transylvania", aiming to harmonize European and territorial relations.

The Francophone Office of USAMV Cluj-Napoca is also an important partner of the Francophone Business Club in Cluj (CFAC). The goal of this partnership is the improvement of the cooperation and communication between our university and the business environment.

— BECO BUREAU EUROPE CENTRALE ET ORIENTALE

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Programme « Eugen Ionescu »



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* Appel adressé aux doctorants et enseignants-chercheurs des établissements membres de l'AUF dans les pays de l'OFI ou en Algérie

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INTERNATIONAL RELATIONS



ERASMUS+ OFFICE

Live an amazing experience! With a few simple steps you can begin an incredible adventure of learning and exploration, which will definitely be worth it!

The office's responsibilities include the management of various types of Erasmus+ actions: Erasmus+ Mobility of individuals, Erasmus+ Mundus Programme, Leonardo Programme, Tempus Programme.

Erasmus + Mobility of individuals is the EU programme in the fields of education, training, youth and sport for the period 2014-2020 intended for the academic exchange through mobility for studies, placement, mobility for teaching and training for non-teaching staff.

USAMV Cluj-Napoca welcomes many Erasmus+ students every year from diverse backgrounds and nationalities and thus they have become an important part of our university's culture and educational achievement.

The benefits of participation in Erasmus+ Programme are various:

- The chance to explore other education systems and explore different ways of teaching and learning!
- Adaptation abilities and communication skills can be improved and the knowledge can be extended!
- The advantage of enjoying the facilities of a different university!
- The possibility to meet new and exciting friends from all over the world!
- The discovery of different ways of thinking and cultures that can change your life and open your mind!

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BE OUR ERASMUS+ STUDENT!

Become a part of one of the top 5 universities in Romania, USAMV Cluj-Napoca, ranked No.1 among all the universities of agricultural sciences and veterinary medicine in the country!

INCOMING STUDENTS

In order to study one or several semesters at USAMV Cluj-Napoca, Erasmus+ students must follow a simple procedure and our office's deadlines: May 30 for the application for the 1st semester and/or the entire academic year and November 30 for the application for the 2nd semester of the academic year.

For more information, please visit:



OUTGOING STUDENTS

USAMV Cluj-Napoca students can apply for an Erasmus+ mobility if they are enrolled in one of the following full-time courses: second year of Bachelor courses, first year of Master or PhD (regardless of ethnicity or nationality) and if they speak a foreign language, preferably English. Erasmus+ Office organizes two application sessions during an academic year, one in autumn and another one in spring.

For more information, please visit:



ERASMUS + MUNDUS

The goal of this program is to increase the quality of academic education, through a scholarship program, highlighting the cooperation between the European Union and the rest of the world. USAMV Cluj-Napoca is a partner in two Master's Degree Erasmus+ Mundus programs: BioHealth Computing and MasterFood Identity.

BioHealth Computing - The BioHC Schools are part of the Master's Degree program Health4Life Joint European. These schools train future research and innovation leaders, by combining the fields of biomedicine and engineering. For more information, please visit: <http://www.biohealth-computing.org/>

MASTER FOOD IDENTITY

This program trains food industry specialists.

The goal is for the graduates of this Master's Degree program to improve their international culture and technical skills required in order to understand and use food characteristics influenced by environmental factors and to subsequently promote them internationally. This process provides a wide variety of food design applications for food processing and marketing. For more information, please visit: <http://www.Master'sDegreefoodidentity.com/>

TEMPUS PROGRAMME

The main goal of the program is to support the modernization of academic education in the countries bordering the European Union.

Besides from the cross-institutional cooperation, the Tempus program also promotes an individual approach.

The Tempus program provides support to consortiums consisting of universities and university associations, but also to consortiums with non academic partners.

For more information, please visit: <http://eacea.ec.europa.eu/tempus/>



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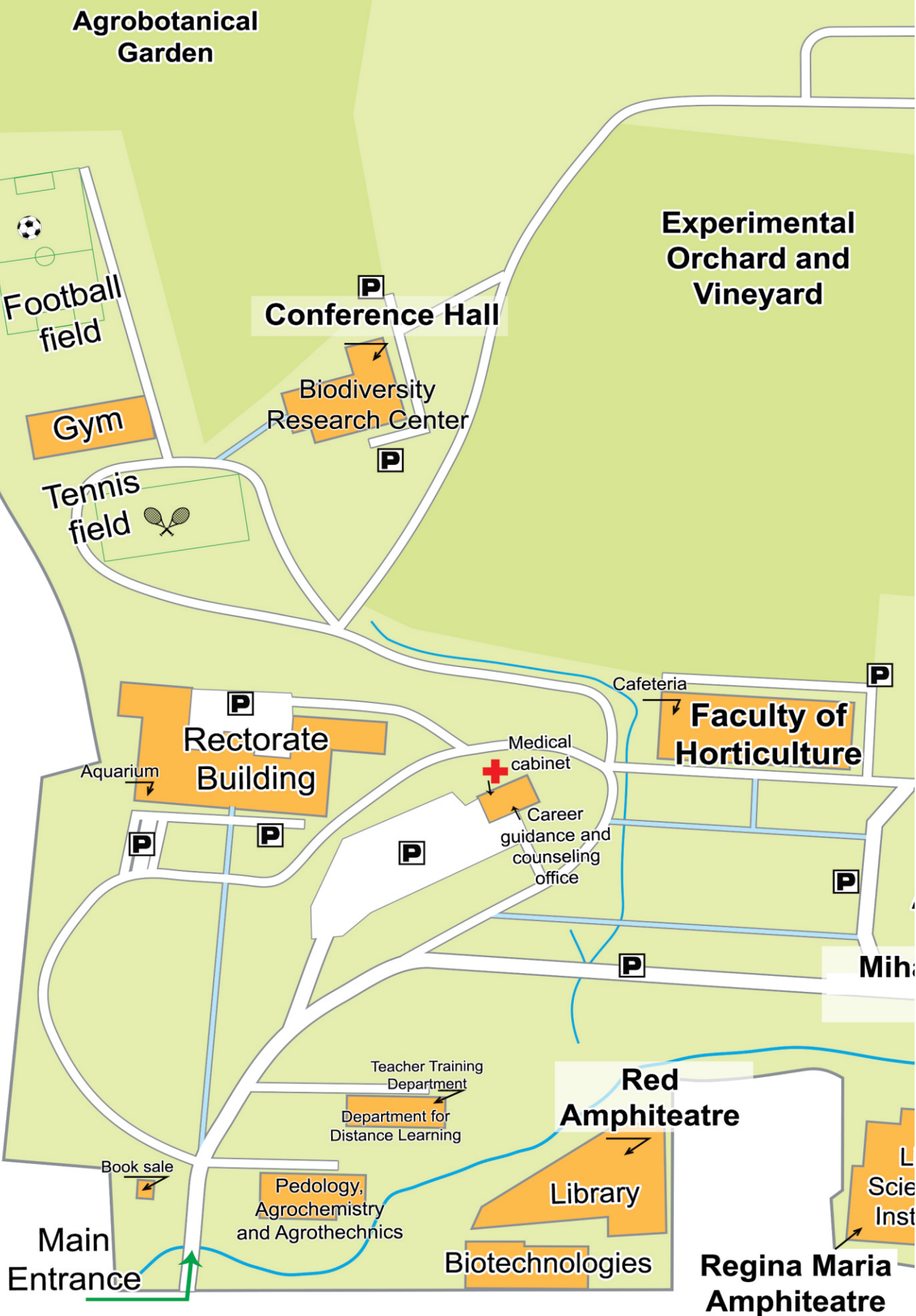
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Facebook link: <http://ro-ro.facebook.com/erasmus.usamv>

MAKE YOUR WAY THROUGH OUR CAMPUS

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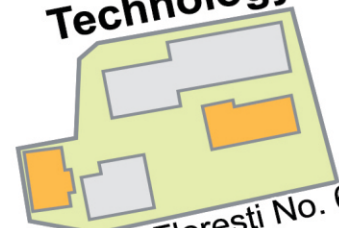
I.C.H.A.T.

Annually, the campus is home for more than 6000 students.

It covers an area of more than 20 hectares, with a quite complex micro-relief.

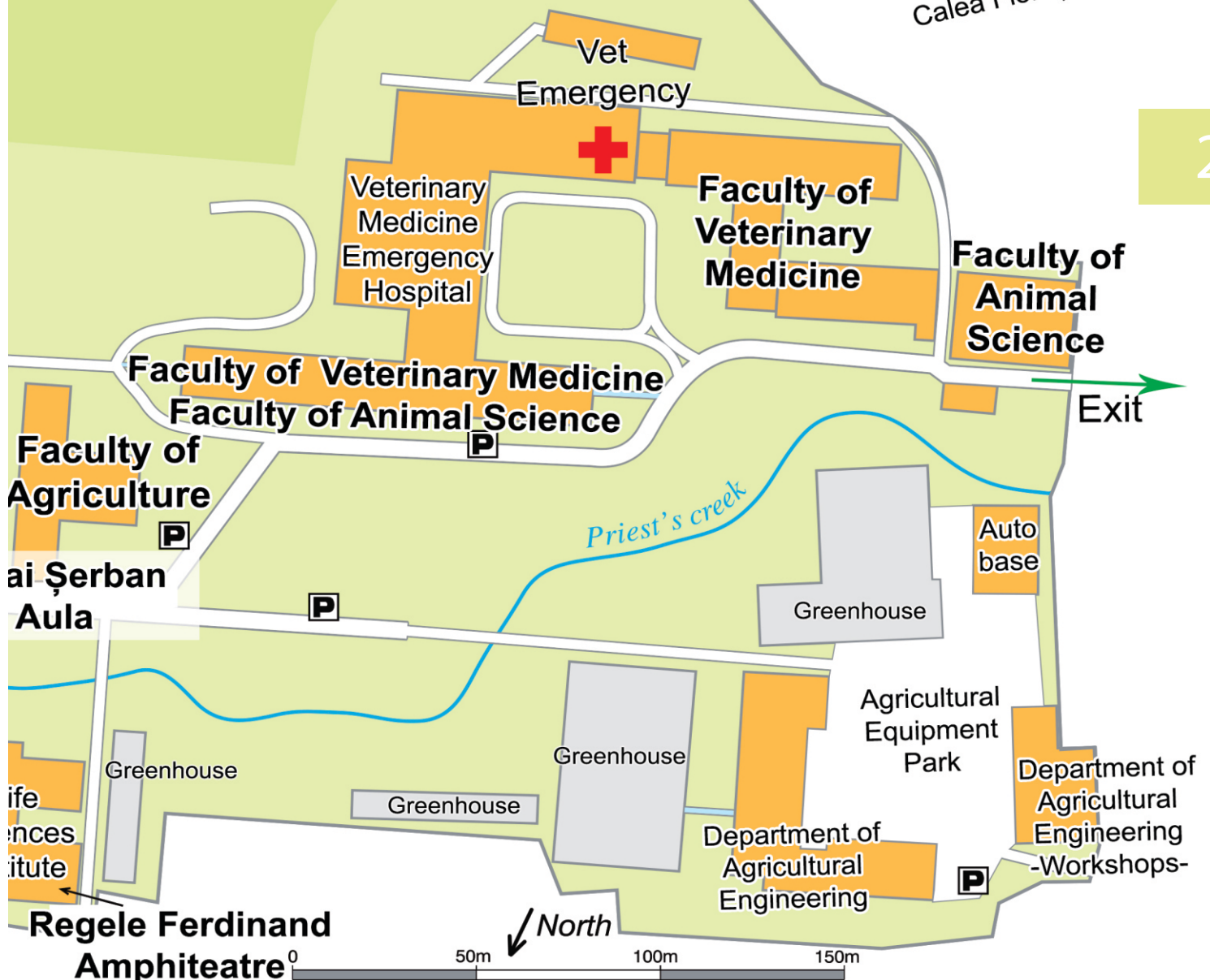
For more than 150 years, it has developed a specific flora and fauna, which can be seen today as a true arboretum, designed and cared for by skilled horticulturists.

**Faculty of
Food Science
and
Technology**



Calea Florești No. 64

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The library of USAMV Cluj - Napoca is a public, encyclopaedic library, with no legal personality, having as main users students, teaching staff, researchers and other University employees. They have access to the entire documentary patrimony, regardless of the publication format.

The history of the library of USAMV Cluj - Napoca is strongly connected to that of the University of Agricultural Sciences and Veterinary Medicine in Cluj-Napoca (a name acquired in 1995). With the support of the Transylvanian Agricultural Association, in 1869, the Minister of Agriculture, Etienne Gorove, founded the "Agronomical Education Institute Cluj-Mănăştur".

Since 1991, with the conversion of the Institute into the "University of Agricultural Sciences Cluj-Napoca", it is assessed as a successful university by the Committee of the European University Association.

The library, which serves the five faculties attended by over 6000 students, has also contributed to this assessment.

In 2005, the library was moved into the former health food shop of USAMV Cluj-Napoca, which was renovated and revamped.

The new library building was inaugurated in October 2015, during the celebration of 145 years from the founding of the University of Agricultural Sciences and Veterinary Medicine in Cluj-Napoca.



The first reference to the library's funds is in 1872, when the Institute's Yearbook records the existence of 881 volumes. In those times, the first ones to bring books into this settlement were the professors and students, through their own efforts.

Agricultural scientific papers represented the library's main fund. On the ground floor, there is an amphitheater, the publishing house (typography, bindery) and a relaxing area.

The first floor accommodates the info office, a council room and administrative offices. This level is also equipped with computers connected to the internet and intranet and networking lounges.

At the second floor, readers have a reading room with a capacity of 140 seats. On the third floor there is a room with open access to books.

The fourth floor provides to PhD students a space for study and social interaction. On this floor you can find the university's archives and a terrace with an exceptional view over the USAMV Cluj-Napoca campus and the city. The upper floor is used by the teaching staff.

These are all located on 6 storeys, with the total area of over 5000 m² providing services at the highest standards to the 5800 users.



Currently, the Library of USAMV Cluj-Napoca has a documentary fund consisting of books, serial publications, CDs and DVDs of over 170000 volumes, managed through the integrated library automation system "Liberty3".

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OTHER FACILITIES



The Institute of Advanced Horticultural Research of Transylvania (ICHAT)



The Institute of Life Sciences



The Biodiversity Research Center

The Institute of Life Sciences

The institute has four levels spanning an area of over 7,500 square meters and represents the only platform of knowledge-based biotechnologies in Romania as well as environmental sciences laboratories. The 45 laboratories are equipped for the latest European standards, tailored and organized for the needs and requirements of every laboratory coordinator, where researchers study human, animal and food health.

The Biodiversity Research Center

It is the first high level research unit built for conservation, sustainable use and capacity development on the premises established in the Second Global Plan of Action for Plant Genetic Resources for Food and Agriculture, as well as the Targets of the Global Strategy for Plant Conservation 2011-2020. It is state-of-the-art equipped to cover all types of identification, characterization, description and plant conservation seed and vegetative accessions stored under long-term conditions, safety duplicated collection and active progress towards implementing a QMS.

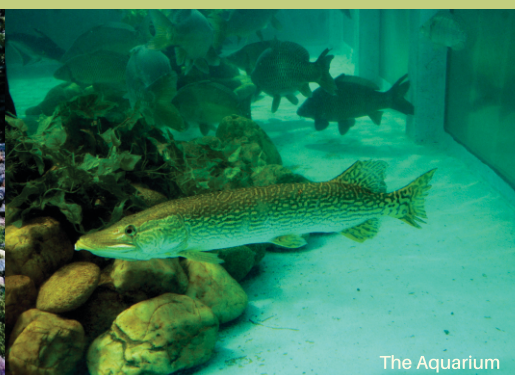
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The Institute of Advanced Horticultural Research of Transylvania (ICHAT)

This is the first Romanian institute of advanced horticultural research, as it incorporates all areas of modern horticulture and farming, that are being studied and researched in the field, in accordance with the latest standards imposed by the European Policies: genetics and plant breeding, horticulture biotechnology, microbiology, floriculture and landscaping, ornamental arboriculture, vegetable, fruit pomology and viticulture and the technology of horticultural products. The institute also incorporates most of the Faculty of Horticulture, laboratories of spectrometry, chromatography, electron microscopy, and also a bank of genes and seeds, which will cater to the students to study the several horticultural disciplines, aiming to be a center of excellence in horticultural research, located in the middle of Transylvania, which can coagulate around it all other research institutes in the region.



Agrobotanical Garden



The Aquarium



Agrobotanical Garden

The Aquarium

USAMV Aquarium is both a tourist attraction and a research area of native and exotic species of fish. It belongs to the University of Animal Science and Biotechnologies and incorporates a basin with a capacity of 20 m (one of the largest aquariums in our country found in endowment of a profile university) and 14 basins with capacity of 300 liters. The basins are equipped with automatic water recirculation and oxygenation. Here, around 30 species of fish and turtles, are hosted, both from the Romanian waters (carp, waller, zander, river pirate, perch, crucian) and also from other meridians (Piranha, Biocel, Scalar, Paradise fish, Moli, Xifo, Platy, Guppy, Gold Crucian and Indian waller).

The Botanical Museum

The museum dates from 2002, which houses the scientific herbarium - containing 40,000 sheets, a rich collection of medicine obtained from different herbs, a collection of seeds from plant species cultivated and from spontaneous flora, casts, books and old manuscripts of former teachers who taught Botanical disciplines. Also, the museum exhibits images, dendrologic displays, frames and plants from different vegetation zones and also an extensive bibliographic material.

Agrobotanical Garden

It spans 3 hectares and gathers over 1800 vegetal species. The Agrobotanical garden is a truly living museum offering shelter throughout its sectors: the colorful decorative sector, the mosaic-like ecological sector, the modern phylogenetical sector and the new biodiversity sector - to a great number of plants and other living creatures meant to illustrate the huge biological diversity of our planet.

The Orchard

Specially designed for students's practical training and study. Great variety of apple, pear, cherry trees and grape vine are grown here.

Museum of Comparative Parasitology

It includes exhibits displayed in cabinet showcases, grouped by 3 criteria: Systematic Host species and Ecological system, with suitable biotypes.

Museum of Anatomy

Since 1968, the Museum of Anatomy has been equipped with numerous exhibits, some of which being mummified bodies. The museum caters for both the student documentation process and the scientific documentation process, at the same time being appraised, both nationally and internationally.



Museum of Anatomy

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Museum of Comparative Parasitology



Agrobotanical Garden



The Campus



The Orchard



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The students of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca benefit from a wide variety of social, cultural, artistic and sports facilities. At the Students' Club "Agronomia", throughout the years, the following groups have conducted their activity: the folklore ensemble "Bărbuncu", the vocal group "Haba", the theater group, the men's choir, the popular music band, the modern dance squad, the literary circle "Octavian Goga", the publication "Orizonturi", etc. The folklore ensemble "Tradiții" of USAMV Cluj-Napoca is among the best similar groups in Romania.

Sport

A newly renovated sports complex, inaugurated in 2017, encompassing a football field with artificial turf, a tennis field and a gym, opened both for the students, as well as for the public at large on an hourly rent basis. The gym is multifunctional and equipped accordingly, as it includes the sport hall with a basketball field and a volleyball field, as well as a fitness center. In the sports field, USAMV Cluj-Napoca students have had a constant participation to the "Agronomiada" competitions, winning medals in all sports disciplines.

Cafeteria

Situated in our campus, it is dedicated exclusively to student activities. Here you can enjoy a good coffee, tea or cold beverages, sandwiches and good pastry products.

Student's Restaurant (Restaurant "Agronomia"), located on 74-76 Motilor Street, is a place specially designed for students. You can enjoy delicious food at budget prices in a pleasant ambiance.



STUDENTS' ORGANIZATIONS



Our members are pleased to participate every year at the Agraria Fair, where they are divided in different departments and for four days, organize the event as seamless as possible.



The Student Association of the Faculty of Agriculture (A.S.F.A.)

The Student Association of the Faculty of Agriculture (A.S.F.A.) is a non-governmental organization that aims to promote student activities, student representation and support of the Faculty of Agriculture.

ASFA was founded in 2015 at the initiative of a group of students, for the desire to have an association that defends the interests of students, facilitates participation in projects and educational, cultural, social and entertainment events, specific to our activity and more: trainings, scientific communication sessions, sports competitions, workshops, charity fairs, apprenticeship and volunteering.

The association consists of four departments: Academic Department, Media Department, Department of Human Resources and the Department of Entertainment, Events and Sports.

ASFA consistently collaborates with the other USAMV CN student organizations, as well as other youth organizations in Cluj-Napoca.

More information on our FB page: @agristud

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Life Sciences Students League (LSSV)

The LSSV was registered on December 4th, 2012 as an association operating for the rights of students of the USAMV Cluj-Napoca. Being the representative structure of students of the Faculty of Horticulture, LSSV is present in the structure of the Faculty Council.

Furthermore, we are members of the Student Union of Romania (USR). We are divided into 5 departments, aimed at organizing organizational events.

Some of our most important projects: the charity concert of Christmas carols "Warm hearts, cool outside" which enjoys an enormous success; "Mărțișor", an event held every year on March 1st where we make traditional trinkets (mărțișoare) and offer them to the university students; "Earth hour by LSSV", where for an hour we focus on social activities and reduce our carbon footprint; USAMV Associations Cup - a sporting event involving all student associations.



Our aim is to organize events to encourage scientific research and social and cultural training of the students of the Faculty of Horticulture.



More information on our FB page: @LigaStudentilorStiintelorVietii

STUDENTS' ORGANIZATION



We like to have fun – we are the proud organizers of the greatest party on street Piezișa, where more than 500 students had a blast.



Biotechnology, Pisciculture & Animal Husbandry Student Organization (OSBPZ)

OSBPZ is the student organization that represents the students of the Faculty of Animal Science and Biotechnology. Founded in December 2012, the main aim of OSBPZ is to develop relationships between students so they can build up strong friendships, appreciate one another, collaborate, help each other and realize that working together is a much easier way to succeed.

OSBPZ is represented in the Faculty Council, officially by 1 student. During its years of activity, OSBPZ had made some interesting projects, collaborations and activities. We collaborated with Red Cross Cluj-Napoca and the other student organizations in USAMV Cluj-Napoca for the "Food bank USAMV", where we had the highest number of volunteering students. Since 2013, we collaborate with the other student associations to organize the yearly freshmen Prom and we organize the "Student Association Cup", a sporting event where each student association competes on its own.

Also, we organize charity events and help children in need.

More information on our FB page: @osbpzcluj

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The Veterinary Students' Association (ASMV)

ASMV Cluj-Napoca, founded sixteen years ago, represents a student-centered association known for its transparency, professionalism, creativity and action-oriented.

The fundamental principles of the Association are promotion of the students and the Faculty of Veterinary Medicine through actions undertaken by its departments, covering the following segments: Cultural-Scientific activities, Volunteering, Entertainment, Sports, PR and last but not least the Foreign Students. The association also has a segment dedicated to the International Students Association IVSA.

The main objectives are: strengthening of the student-teacher relations, the relations between students and the development of professional skills through activities such as congresses, symposiums and workshops, stimulate creativity by cultural activities such as exhibitions, literary publications, art workshops, as well as the development of social skills through collective activities like sports events, volunteering and communication with members of other national and international associations.



We implement models for the provision of information to students with regard to the possibilities of future professional development of skills in this field by promoting human-animal-society relationship, in a moral and deontological way.



More information on our FB page: @ASMV-Cluj-Napoca



Dear food geeks, we are willing to meet you all and create great things together!



The Student Association of the Food Science and Technology (FSTA)

The FSTA association was founded in 2014, aiming to help students become successful and enhance their future as food science professionals, but also to educate them to be proactive citizens.

Our members have the opportunity to build their knowledge, experience, and leadership skills, through different events organized by the association.

The most remarkable event which is organized every year in June, is the Food Festival, where the students from our faculty have the opportunity to present innovative food products in front of entrepreneurs from the food industry and consumers from Cluj-Napoca. Every edition brings spectacular and innovative ideas to the forefront, thus our students enhance their chances to be hired in food industry companies or to start their own food business.

More information on our FB page: @asociatiastiintatehnologiaalimentelor

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The International Veterinary Students Association (IVSA)

The IVSA (International Veterinary Students Association) is a non-profit and non-governmental international students association, founded in 1953, and it is present in many countries of the world, being made exclusively of the Veterinary Medical University students.

The aim of the IVSA is to improve the standards of veterinary studies through ideas, knowledge and formal experience exchanging courses, through collaboration and global recognition.

A branch of the main association, the IVSA in Cluj-Napoca, acts in the benefit of the people and animals in Cluj-Napoca, by exploiting the veterinary medical students' potential and dedication regarding the veterinary education and the public health.

"For me, the IVSA of Cluj-Napoca is the team that has helped me to exceed my own limits and it has also helped us to improve the life of the community we live in. I have understood that students' opinions really matter and by working together we've become a family." Ana Hiruța, President of the IVSA.



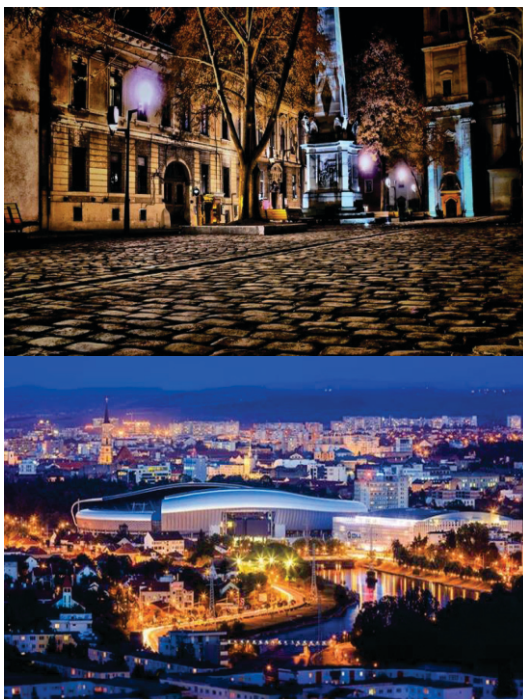
"For me, the IVSA of Cluj-Napoca is the team that has helped me to exceed my own limits..."

Ana Hiruța, President of the IVSA



More information on our FB page: @ivsaclužnapoca

ABOUT CLUJ-NAPOCA



Capital city of Cluj-Napoca County

Population: 340.000

Cluj-Napoca is the second major city in Romania, an important academic center, a city which has as the most important coordinates the multiculturalism and diversity. With its ancient and modern beauties and opportunities, Cluj-Napoca has become one of the most visited city in Europe.

Find more about Cluj:

www.visitclujnapoca.com

www.welcome2cluj.com

romaniatourism.com/cluj-napoca.html

www.clujonline.com

wikitravel.org/en/Cluj-Napoca

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MUST SEE PLACES IN CLUJ-NAPOCA

The Botanical garden: www.clujonline.com/places_of_interest/botanical_garden.htm

The Central Park: <http://clujtravel.com/en/parcul-centra-simion-barnutiu-cluj-napoca/>

The Fortress Cluj: www.welcometoromania.ro/Cluj/Cluj_Cetatuia_e.htm

The History Museum: www.welcometoromania.ro/Cluj/Cluj_Muzeul_de_istorie_e.htm

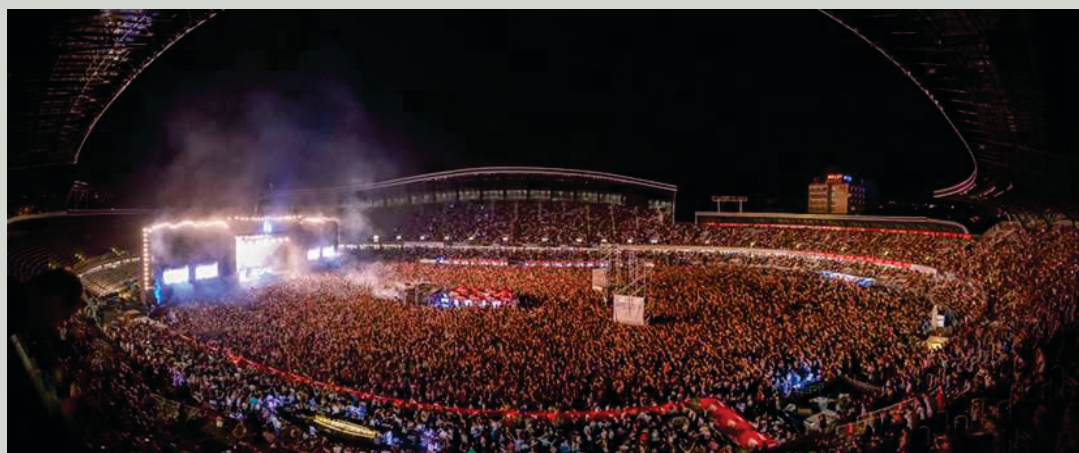
The Art Museum: www.macluj.ro/

The Ethnographical Museum of Transylvania: www.muzeul-etnografic.ro/en

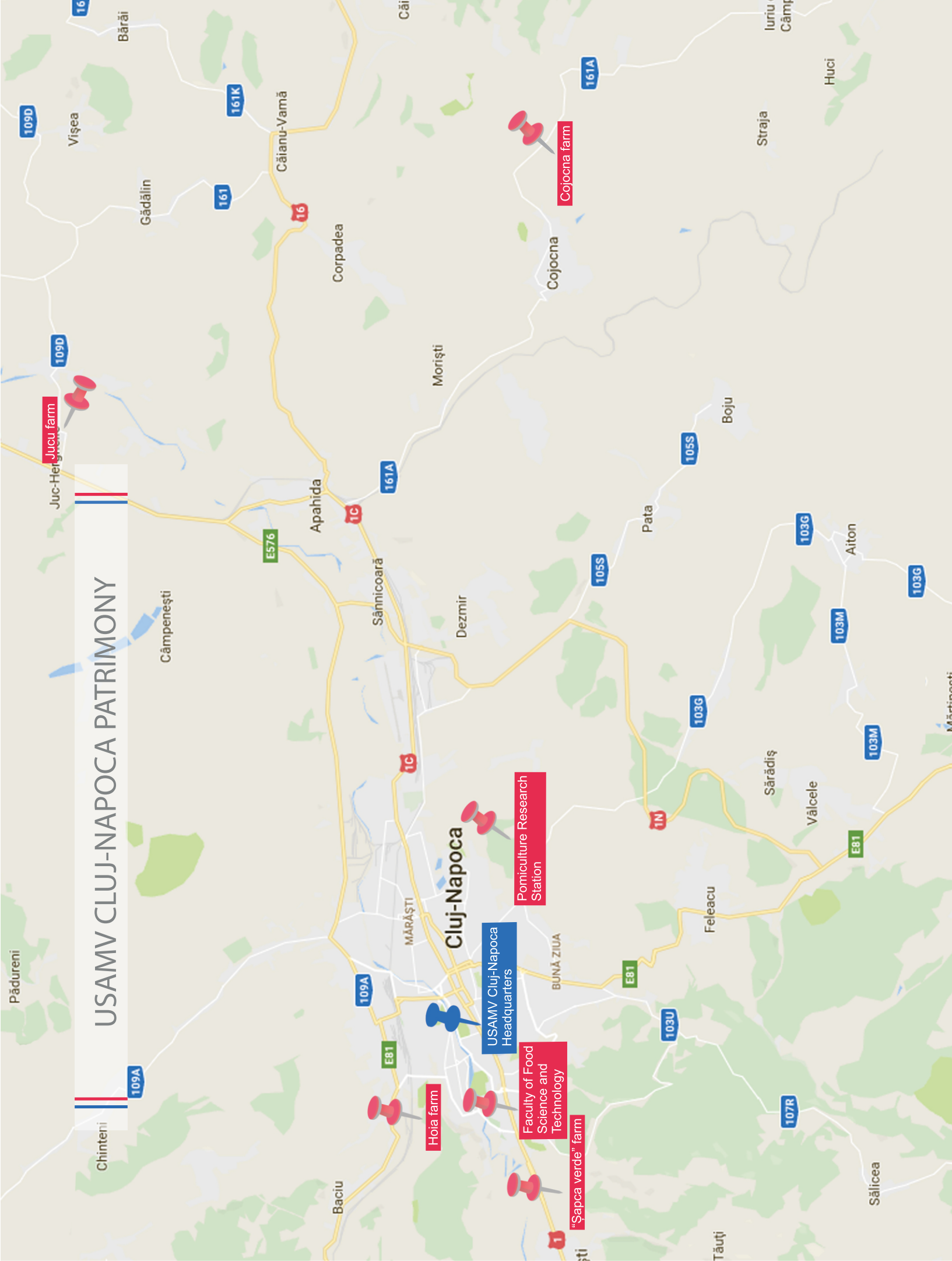
Tailor's Bastion: www.welcometoromania.ro/Cluj/Cluj_Bastionul_Croitorilor_e.htm

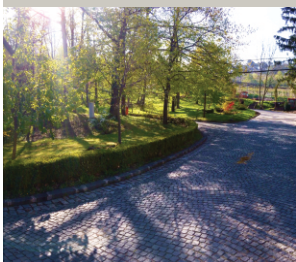
Cluj Arena Stadium: www.clujarena.ro

CFR's stadium: <http://Cluj.com/locatii/stadionul-dr-constantin-radulescu/>



USAMV CLUJ-NAPOCA PATRIMONY





USAMV campus - view from the main entrance



Rectorate building - 1930



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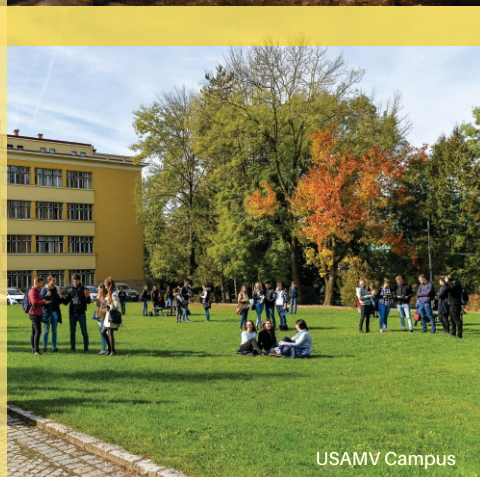
Tradition
&
Modernity



First veterinary clinic - 1870



Rectorate building - upper view



USAMV Campus



Oltrut, Bako National Park, Kenya