THE UNIVERSITY OF AGRICULTURAL SCIENCES
AND VETERINARY MEDICINE OF CLUJ-NAPOCA

TRADITION AND MODERNITY
Higher agricultural education in Cluj is one of the most prestigious in Europe, both in education and in scientific research. During its existence of more than 135 years, the agronomic school of Cluj has benefited from the contributions of many outstanding personalities of Romanian scientific life. University graduates, specialized in agriculture, horticulture, animal science, biotechnology and veterinary sciences, have yielded outstanding results in the production process, as well as in scientific research conducted in Romania and abroad.

Our University’s success is widely acknowledged, as it has both national and international accreditation. After 1990, the University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca has witnessed impressive developments; its educational offer has been diversified, many new departments have been established, where Romanian and foreign students study together.

Currently, the academic staff and the students (more than 7000) benefit from an exceptional learning environment for their theoretical and practical training: lecture halls, laboratories, reading rooms, experimental research facilities, veterinary clinics and a fully equipped library. A significant part of the academic staff, especially younger academics and PhD students have benefited from study and research scholarships at universities from countries with a highly developed agriculture. Cooperation with higher education institutions and agricultural production units from EC member countries ensures the framework for the practical training of students at the four faculties of USAMV.

International relations of USAMV include collaboration with universities and research institutes from over 50 countries from Europe, Africa, Asia, North-and South America. It is our strong belief that in the years to come, USAMV will continue to develop, contributing, by its high standards of education, to the progress and modernization of Romanian agriculture.
The University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca is the successor of the prestigious Higher School of Agriculture of Cluj, founded more than 140 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.

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

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 ECTS credit system was introduced in 1998.

The university’s new strategy aims at extending and promoting international relations, modernising the entire education process, both in teaching, research and outreach, fully complying with UE standards.

At present, the University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca is one of the most prestigious universities in Romania; it is a member in the Romanian Consortium of Universities of Agricultural Sciences and Veterinary Medicine, a member in the Consortium of Universities of Cluj-Napoca and also a member in the European University Association, by which it was assessed in 2003.

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

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.

Since 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’.

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.

In 1939, the Agronomic Institute founded the Department of Horticulture, and during 1978-1987, it formed the Faculty of Horticulture.

In 1940, the Agronomic Institute founded the Department of Animal Science and Veterinary Medicine. Together, the two faculties constituted the Faculty of Agriculture.

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

In 1978, the Agronomic Institute Cluj had two faculties: the Faculty of Agriculture and Horticulture, and the Faculty of Animal Science and Veterinary Medicine. Together, the two faculties constituted the Faculty of Agriculture and Veterinary Medicine.
FACULTY OF AGRICULTURE

The Faculty of Agriculture was set up in October 1869, its activity and history representing the basis of the subsequent development of the University of Agricultural Science. The Faculty trains specialists in the fields of agronomy, biology, food engineering and environmental protection, having a rich experience in teaching and research. The Faculty of Agriculture has national and international recognition. The mission of the Faculty of Agriculture is to train specialists who are qualified and able to contribute to the extension of knowledge, to further and implement the strategies of developing agriculture, food industry and environmental protection. The Faculty has become a center of education and research which is representative for our country; the specialists trained here are appreciated as great agronomists, wherever they perform their activity.

The Faculty of Agriculture offers the high-school graduates great opportunities to study intelligently in ways that suit the best everyone’s personality, helping them in their efforts to achieve professional success.

WHY CHOOSE THE FACULTY OF AGRICULTURE?

The curricula and the syllabi of the Faculty of Agriculture have been drawn up so that they meet the requirements, principles, criteria, standards and performance indicators of the ARACIS, in order to ensure compatibility with the national educational system, as well as with similar study programs and syllabi of the E.U. States, in accordance with ECTS transferable credit system.

The Faculty owns extended modern facilities for education, research and other activities, centres for instruction and practical training for students. The education facilities (lecture halls, laboratories, workshop rooms, research centres, micro-production pilot units, agricultural implements workshops) are endowed with laboratory equipments, IT, multimedia appliances and internet access. The access to information is provided by each chair’s library and by the University’s main library. Practical training for students is organized at the University’s Training Station – experimental fields of each department in the domains of research or production. Among the possibilities and opportunities offered to our students, one could mention computer literacy, the study of foreign languages, international scholarships and training courses, documentation grants; the possibility of acquiring the driving licence, of practicing sport activities, of taking part in various national and international sporting, cultural and artistic contests and competitions.

ACADEMIC STUDIES

<table>
<thead>
<tr>
<th>Type of Studies</th>
<th>Duration of Studies</th>
<th>Degree</th>
<th>Specialization (Majors)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate Studies / Full time</td>
<td>4 years</td>
<td>Engineer</td>
<td>• Agriculture • Mountain Science • Soil Science • The Technology of Agri-food Processing • Control and Expertise of Food products • Engineering and Environmental Protection</td>
</tr>
<tr>
<td>Undergraduate Studies / Part time &amp; Distance Education</td>
<td>3 years</td>
<td>Biologist</td>
<td>• Agriculture • Biology</td>
</tr>
<tr>
<td>Undergraduate Studies / Full time</td>
<td>4 years</td>
<td>Engineer</td>
<td>• Agriculture • Mountain Science • The Technology of Agri-food Processing</td>
</tr>
<tr>
<td>Undergraduate Studies / Part time &amp; Distance Education</td>
<td>3 years</td>
<td>Biologist</td>
<td>• Agriculture • Biology</td>
</tr>
<tr>
<td>Master Studies / Full time</td>
<td>1,5 years</td>
<td>Master’s Degree</td>
<td>• Organic Agriculture • The Management of Natural Agroclimatic Resources in the Mountain Areas • Rural Development • Plant Protection • Food Quality Management • Processing Systems and Food Quality Control</td>
</tr>
<tr>
<td>Master Studies / Part time</td>
<td>2 years</td>
<td>Master’s Degree</td>
<td>• Food Safety and Consumer’s Protection • The Biology of Agricultural Ecosystems</td>
</tr>
<tr>
<td>Master Studies / Part time</td>
<td>2 years</td>
<td>Master’s Degree</td>
<td>• Plant Protection (PT) • Food Quality Management (DL) • Processing Systems and Food Quality Control (DL)</td>
</tr>
<tr>
<td>PhD Studies</td>
<td>3 years</td>
<td>PhD in Agriculture</td>
<td>• Plant Protection • Pedology • Agro-Techniques • Plant Technology • Agro-Chemistry • fodder production and Preservation • Genetics and Plant Mollification • Biophysics • The Utilization of Land Amelioration Systems and of Irrigation Systems • Land Amelioration • Vegetal Raw Materials • Management and Marketing in Agriculture</td>
</tr>
</tbody>
</table>
The beginnings of the horticultural higher education in Cluj go back to the creation of the Institute of Agriculture in 1869, nowadays the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. In 1977, the Department of Horticulture was established within the Institute. After 1980, the Faculty of Horticulture has brought a significant contribution to the modernization process of the educational system and research activity in the field of horticulture; it has also contributed to the extension of the relations of cooperation with Romanian and foreign similar institutions.

Due to the constant preoccupation of the Faculty’s Council and teaching staff to diversify the academic offer, the Faculty of Horticulture has made an attractive and wide academic offer including domains and specializations which provide its graduates with multiple choices of professional fulfillment, an offer that is available for high-school graduates and for those who want to enrich and perfect their knowledge.

THE FACULTY OF HORTICULTURE

The faculty of Horticulture of Cluj-Napoca owns modern facilities, lecture halls, seminar rooms and fully equipped laboratories, experimental research fields, greenhouses and sun-rooms where students may conduct their research and practice; it also owns collections of samples from fruit tree species, vine and vegetable sample collections and ornamental trees.

Horticulture

This section trains horticulture specialists capable to organize and supervise production processes in domains such as: vegetable and flower culture, fruit tree culture, winemaking and landscape architecture.

Landscape Science

The graduates of this section are trained to be specialized in designing, organizing and maintaining green spaces in urban and rural environment.

Forestry

This section forms specialists who are qualified to create, maintain and exploit forestry heritage.

Economic Engineering in Agriculture

Students specializing in Economic Engineering in Agriculture are offered a complex training program, ensuring that graduates are fully competent in administering the patrimony of state or private companies.

Agriturism

Trains specialists in engineering and agri-touristic management.

Engineering and Management in Food Industry

Topography and Cadastre

Trains specialists in the domain of national system including all lands and real estates.

The specializations (majors) available within our faculty provide the undergraduate, master and PhD students with theoretical and practical training in accordance with the constantly growing needs of the labour market.

ACADEMIC STUDIES

<table>
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</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate Studies / Full time</td>
<td>4 years</td>
<td>Engineer</td>
<td>• Horticulture</td>
</tr>
<tr>
<td>Undergraduate Studies / Full time</td>
<td>4 years</td>
<td>Engineer</td>
<td>• Engineering and Management in Food Industry</td>
</tr>
<tr>
<td>Undergraduate Studies / Distance Education</td>
<td>1,5 years</td>
<td>Master’s Degree</td>
<td>• Horticulture</td>
</tr>
<tr>
<td>Master Studies / Full time</td>
<td>2 years</td>
<td>Master’s Degree</td>
<td>• Hydrobiology and Biopreservation</td>
</tr>
<tr>
<td>Master Studies / Part time (PT)</td>
<td>1,5 years</td>
<td>Master’s Degree</td>
<td>• The Technology of Production and Commercial Exploitation of Special Wines and Derived Products</td>
</tr>
<tr>
<td>Master Studies / Part time (PT)</td>
<td>2 years</td>
<td>Master’s Degree</td>
<td>• Engineering and Management: Agri-Business (courses are delivered in English)</td>
</tr>
<tr>
<td>PhD Studies</td>
<td>3 years</td>
<td>PhD in Agriculture</td>
<td>• The Management of the Horticulture Production in Controlled Climate</td>
</tr>
</tbody>
</table>

WHY CHOOSE THE FACULTY OF HORTICULTURE?

The Faculty of Horticulture of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca is a place where students can prepare themselves for a variety of careers in the field of horticulture. It offers a wide range of professional paths, including specialized courses, allowing students to specialize in areas such as viticulture, fruit tree culture, vegetable culture, genetics, plant breeding, and more. The faculty has a long history of providing high-quality education and research in horticulture, making it a valuable choice for students interested in pursuing a career in this field.

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THE FACULTY OF ANIMAL SCIENCE AND BIOТЕCHNOLOGY

The beginnings of animal farming on the territory of present-day Romania go far back in times immemorial. Hence the presence of animal science disciplines in the syllabi of the prestigious Institute of Agricultural Studies Cluj-Manastur, founded in 1859. In 1935 a Department of Animal Science was set up, operating until 1946. In 1959 this department was re-established – but having only a generation of graduates.

The Faculty of Animal Science was founded in 1968, as a distinct unit. After 1992, this Faculty has assimilated other specializations (Agricultural Biotechnologies, Fish Farming, Food Biotechnologies) and has been renamed to Faculty of Animal Science and Biotechnologies.

Nowadays the Faculty of Animal Science and Biotechnologies is a prestigious institution of the USAMV Cluj-Napoca, enjoying worldwide recognition for the high quality of education and research, for the competence of the teaching staff and for the excellence of its alumni in the fields of Animal Science, Agricultural Biotechnologies, Fish Farming, Food Biotechnologies.

WHY CHOOSE THE FACULTY OF ANIMAL SCIENCE AND BIOТЕCHNOLOGY?

The Faculty of Animal Science and Biotechnologies offers its students several advantages and opportunities, such as:

• the harmonization of the academic curriculum to that of other similar Romanian institutes and the introduction of the ECTS credit transfer system, ensuring the participation of our students in academic exchange programs domestically and internationally. Thus, the students have been annually included in programs of the European Union, targeting academic components such as: Socrates-Erasmus, CEEPUS, Leonardo DaVinci, etc.

• by completing the study program of the Teacher Training Department one acquires a certificate issued by the Ministry of Education, granting the right to teach at all levels of education

• the possibility of acquiring the drivers license for categories B and C

• the holders of a State scholarship are entitled to free tuition, various types of study grants, as well as accommodation in dormitories (halls of residence)

• the possibility to use the Faculty’s equitation center and to attend the equitation school.

ACADEMIC STUDIES

<table>
<thead>
<tr>
<th>Type of Studies</th>
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<th>Degree</th>
<th>Specialization (Majors)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate Studies / Full time</td>
<td>4 years</td>
<td>Engineer</td>
<td>• Animal Science • Agricultural Biotechnologies • Food Biotechnologies • Fish Farming and Aquaculture</td>
</tr>
<tr>
<td>Undergraduate Studies / Distance Education</td>
<td>4 years</td>
<td>Engineer</td>
<td>• Animal Science</td>
</tr>
<tr>
<td>Master Studies / Full time</td>
<td>1.5 years</td>
<td>Master’s Degree</td>
<td>• Animal Breeding Management and Aquaculture</td>
</tr>
<tr>
<td>Master Studies / Full time</td>
<td>2 years</td>
<td>Master’s Degree</td>
<td>• The Management of Animal Product Quality • Biotechnologies Applied in Animal Science</td>
</tr>
<tr>
<td>PhD Studies</td>
<td>3 years</td>
<td>Doctor of Animal Science</td>
<td>• Animal Product Technology • Cattle and Equine Exploitation Technologies • Öxine and Caprine Exploitation Technologies • Animal Feeding • Fur Animals, Game Animals and Fish Farming • Genetics and Animal Enhancement • Biology of reproduction • Animal Physiology</td>
</tr>
<tr>
<td>PhD Studies</td>
<td>3 years</td>
<td>Doctor in Biotechnologies</td>
<td>• Food Product Biochemistry and Biotechnology • Plant Biotechnologies • Food Biophysics and Biotechnology • Biotechnologies in Agriculture</td>
</tr>
</tbody>
</table>

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The veterinary medical education came into being more than 230 years ago, for in 1786 a Surgical Medicine Institute was founded and since 1787 a Department of Veterinary Therapy has operated within it. The foundation stone of the Faculty of Veterinary Medicine was laid relatively late, in 1962, and since 1787 a Department of Veterinary Medicine Institute was founded. Why choose the Faculty of Veterinary Medicine? The variety and multitude of clinical cases which the clinical disciplines present to the students help them widen their knowledge and experience to understand how a clinical case should be approached and helps them learn how to determine a correct diagnosis and how to apply a proper treatment. At the same time, study cases are completed with fieldwork in order to make future veterinarians acquainted with the problems and the reality they will have to deal with.

During the past years, the Faculty of Veterinary Medicine of Cluj-Napoca has established international relations with similar European and US universities, within which the teaching staff and the students have benefited from mobility grants, training courses and scholarships over various periods of time. Our faculty is a member of the European Association of Veterinary Medicine Faculties, a European organization of assessment and accreditation. In 2007, the assessment committee has stated that the Faculty of Veterinary Medicine was complying with the major recommendations of the commission, and thus it was included in the first league – which includes the first 40 veterinary medicine faculties of Europe.

All these aspects blending harmoniously in a special natural ambiance, along with the specificity and the traditions of student life in Cluj, make the Faculty of Veterinary Medicine a place fit for the professional training of those who pass its threshold, an environment favourable to the diligent young people eager to fulfill their dreams of becoming veterinarians.
THE DEPARTMENT FOR PROFESSIONAL CONTINUING EDUCATION, DISTANCE LEARNING AND PART-TIME EDUCATION

The Department for Professional Continuing Education, Distance Learning and Part-Time Education was created in 2000. It forms an integral part of USAMV Cluj-Napoca and it aims at enhancing and perfecting professional skills, granting the high-school graduates a Bachelor's Degree. The Department for Professional Continuing Education, Distance Learning and Part-Time Education organizes university study programs in the following fields:

FACULTY OF AGRICULTURE
Undergraduate Studies
Duration of studies: 4 years / 3 years - Biology
Degree of engineer / Bachelor in Biology
• Agriculture (DL) • Mountain Science (DL) • Agricultural Product Technology (DL) • Biology (Part-time)

Master Studies
Duration of studies: 2 years
Master’s Degree
• Plant Protection (Part-time)
• Product Quality Management (DL)
• Food Products Processing Systems and Quality Control (DL)

FACULTY OF HORTICULTURE
Undergraduate Studies
Duration of studies: 4 years
Degree of engineer
• Horticulture (Part-time)
• Economic Engineering in Agriculture (Part-time)

FACULTY OF ANIMAL SCIENCE AND BIOTECHNOLOGY
Undergraduate Studies
Duration of studies: 4 years
Degree of engineer
• Animal Science (DL)

FACULTY OF VETERINARY MEDICINE
Master Studies
Duration of studies: 1.5 years
Master’s Degree
• Biotechnologies in Animal Reproduction (Part-time)
• Veterinary Dentistry (Part-time)

THE TEACHER TRAINING DEPARTMENT

The Teacher Training Department (DPPD) forms a part of the University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca.
• The DPPD provides pedagogical, psychological and methodical training of all undergraduate and graduate students pursuing a didactic carrier.
• The DPPD organizes courses of initiation, of professional continuing education, both in budgeted and fee-paying systems.
• The DPPD issues a Certificate of Graduation which gives its holder the right to pursue a carrier in secondary and higher education.
• Beside initiation courses and professional continuing education, DPPD organizes initiation courses and continuous training, extracurricular and research activities.
• Initiation training is provided in 3-year courses, which are organized on modules containing 4 compulsory and 2 optional disciplines.
• The DPPD offers in-service training courses for those willing to acquire the tenure or the teacher ranks II and I in the secondary education.
• The DPPD provides training for over 500 students in all specialisations, in the initial training programmes; it also offers in-service training for approximately 70 teachers.

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The constant aspiration towards excellence, as formulated in the State-
ment of Mission of the USAMV Cluj-Napoca also includes the
research activity; which, in or-
der to be more competitive,
has been organized in strong
research centres, aiming to
attract national and interna-
tional research grants.

Currently there are 6 research
centres, some of them being
acknowledged by CNCSIS (Na-
tional Council of Research in
Higher Education), while other
centres are on their way to ac-
quire recognition and to par-
ticipate in consortium forming
programs in order to benefit
from Community programs and
integrate into the European Re-
search Area (ERA). The research centres at
USAMV now include the activi-
ty of many postgraduate stu-
dents, contributing by the mas-
ter and doctoral programs, to
the training of young outstan-
ding academics, many of them
willing to continue the tradi-
tions and the high demands of
the Cluj agronomic school.

Nowadays the overall value
of national and international
research grants run by our
University exceeds 15 million
euros.

<table>
<thead>
<tr>
<th>Year of</th>
<th>Name of the research centre</th>
<th>Director of the research centre</th>
</tr>
</thead>
</table>
| 2006    | Research Station of Knowl-
edge-Based Biotechnologies   | Prof. Doru Pamfil, PhD          |
| 2005    | Integrated ecological pro-
tection of ecosystems - an
essential component in the
concept of sustainable agricul-
ture, in conformity with the EU
acquis                   | Prof. Viorel Florian, PhD       |
| 2005    | Centers of Applied Bio-
technologies in Animal
Breeding and Environmental
Protection                 | Prof. Vasile Miclea, PhD       |
| 2004    | Minimal Systems and Sus-
tainable Agricultural Tech-
nologies-MSSAT             | Prof. Petru Guș, PhD           |
| 2003    | Research Centre for Mol-
ecular Markers               | Prof. Doru Pamfil, PhD         |
| 2002    | Surveillance, diagnose and
control of zoonosis          | Prof. Vasile Cozma, PhD        |
| 2002    | Economical and social moni-
toring of agronomic rural
spaces                          | Prof. Emilian Marce, PhD      |
| 2001    | Chemistry and biochemistry
of Vegetal Pigments           |                       |
| 2001    | Research Centre for Herbi-
vore Breeding and Human
Resources Training for the
Central and North-Western
part of the Country          | Prof. Constantin Velea, PhD    |

<table>
<thead>
<tr>
<th>Year of</th>
<th>Name of the Laboratory</th>
<th>Project Director</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>Laboratory of Soil – Plant Analysis</td>
<td>Prof. Mihai Rusu, PhD</td>
</tr>
<tr>
<td>2005</td>
<td>Test Laboratory for Food Quality and Security</td>
<td>Prof. Maria Tofană, PhD</td>
</tr>
<tr>
<td>2004</td>
<td>Quality Assurance Laboratory for Bee Products</td>
<td>Prof. Liviu Mărgătită, PhD</td>
</tr>
<tr>
<td>2003</td>
<td>Quality Assurance and Origin Control Laboratory for Food Industry Products</td>
<td>Prof. Carmen Socaciu, PhD</td>
</tr>
<tr>
<td>2002</td>
<td>Laboratory for Water Related and Phonic Level Testing – LIAZ</td>
<td>Lect. Tania Mihăiescu</td>
</tr>
<tr>
<td>2001</td>
<td>Laboratory for Air Quality Analysis – LACA</td>
<td>Conf. Ioan Oroian, PhD</td>
</tr>
<tr>
<td>2001</td>
<td>Laboratory for Certification and Cryostorage of Animal Germoplasma</td>
<td>Prof. Vasile Miclea, PhD</td>
</tr>
<tr>
<td>2001</td>
<td>Regional Laboratory for Fodder Quality Certification</td>
<td>Prof. Aurel Sâră, PhD</td>
</tr>
<tr>
<td>2001</td>
<td>National Reference Laboratory for the Evaluation and Certification of the Vegetal Products containing Genetically Modified Organisms – CERTOMAG</td>
<td>Prof. Doru Pamfil, PhD</td>
</tr>
<tr>
<td>2001</td>
<td>Regional Laboratory for Farm Animal Genotypes</td>
<td>Prof. Augustin Vlăc, PhD</td>
</tr>
<tr>
<td>2001</td>
<td>Regional Laboratory for Bee Products Control and Diagnose – LR-CDA</td>
<td>Prof. Liviu Mărgătită, PhD</td>
</tr>
</tbody>
</table>
The Library of the University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca has been established at the same time with the Institute of Agronomic Studies Cluj-Manastur in 1869. In October 2005 the new library building was inaugurated. This new building, with a surface of over 2000 square meters, provides a reading room of 20 seats with free access to the shelves, another reading room of 100 seats and 20 computers with internet access.

The first record about the library dates back to 1872, when a collection of 881 volumes is mentioned in the yearbook of the Institute. The collection of old books comprises over 10,000 volumes of great documentary value.

In order to ensure unrestricted access to information, all university computers are granted free access to the Agricola Plus text database, containing 240 full text magazines and seven online encyclopedias (32 volumes), as well as 86 e-books, purchased in 2007 from Elsevier Science Direct in order to broaden the students’ and the academic staff’s horizon of information.

The library is in interlibrary exchange relation with 103 Romanian and foreign partners, on the basis of the 15 publications issued by USAMV.

A team of 10 librarians are always at the service of the users, having a diverse activity: completion and keeping the evidence of library collections, sorting out and processing publications; updating information, storing serial and periodical publications, transmitting collections within internal and international exchange of publications.

Due to the great production capacity, the publishing house is able to honor all orders coming from inside and outside the university at competitive costs.

Papers may be submitted in printed form or on CD, as well as by Internet. Under aegis of USAMV Cluj-Napoca one publishes:

1. Notulae Botanicae Horti Agrobotanic Cluj-Napoca (A)
2. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Agriculture (B+)
3. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Horticulture (B+)
5. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Veterinary Medicine (B+)
6. Agriculture - Magazine of agriculture practice and science (B+)
7. Scientia Parasitologica Magazine (B+)
8. ProEnvironment/ProMedium
9. Cluj Medical Veterinar
10. Plant Protection
11. Hops and Medical Plants
12. Hortus Agrobotanicus Napocensis - Index Seminum
13. USAMV Informativ Bulletin
14. ASAS Cluj Informativ Bulletin
15. USAMV Newsletter

EAP has been assessed by CNCSIS Bucharest, being included on the list of approved publishing houses by the Ministry of Education, Research and Youth.

EAP has participated in 18 national and international book fairs with over 150 titles. EAP has been assessed by CNCSIS Bucharest, being included on the list of approved publishing houses by the Ministry of Education, Research and Youth.
The University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca is a member of many prestigious international organizations as: EUA (European University Association), AUF (Association Universitaire de la Francophonie), ICA (Association for European Life Science Universities), BSUN (Black Sea Universities Network), EARMA (European Association of Research Managers and Administrators).

USAMV is also co-founder of the Euro-Mediterranean University and has signed the Kiev Declaration.

• The academic staff are involved in teaching, in research and specialization activities in partner universities and international scientific organizations from abroad.
• Over 200 students complete their yearly internships at universities, research institutes, prestigious farms and laboratories in EU countries.
• USAMV organizes seminars and international conferences on scientific research.
• Many teachers, researchers and students from USAMV participate at international conferences and events organized abroad.

USAMV Cluj-Napoca has excellent international relations of cooperation with more than 50 universities and research institutes from over 30 countries in Europe, North America, Asia and Africa; it trains students from USA, France, Sweden, Algeria, Greece, Israel, Burundi, Iran and other countries. An undergraduate program in English is available in Veterinary Medicine since the academic year 2008-2009.

USAMV Cluj-Napoca has participated in the following international teaching and institutional projects: TEMPUS-PEC, PHARE, LEONARDO DA VINCI, CEEPUS, EPI-PRO-VET (Epidemiology and Veterinary Legislation in Romania), Network for Student Counselling Management.

Admission of Romanian students to higher education in the field of agricultural sciences and veterinary medicine consists of an entrance exam. High-school graduates with a secondary-school diploma are eligible to apply. Candidates with the highest cumulative grade point average for high-school studies and graduation exam mark are accepted on the budgeted places and on the places for self-financing students.

Foreign students may enroll without an entrance exam, both for undergraduate and graduate studies. Our university trains students from Greece, Israel, Iran, Sweden, Cyprus, France and Germany, some of them paying accommodation and tuition fees, while others are state-budgeted students. The university actively participates in the Socrates student exchange program, thus offering students opportunities of study and research within the network of 25 partner universities.

WHY?
• State scholarship offered by the University to more than 40% of the students
• Training on the job abroad (more than 200 places yearly)
• Research activities in more than 50 modern laboratories
• Graduation Certificate issued at the completion of the courses of the Didactic Department
• Foreign languages courses (English, French, German)
• Driving Licenses, B and C categories
• ECTS transferable credits
• Trips abroad offered by the University to the best students
• Acquiring the experience in accessing funds for agriculture and rural development

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A D M I S S I O N

INTERNATIONAL RELATIONS
Written and oral examinations, workshops, colloquiums and practical exams represent the main forms of student evaluation. In order to harmonize USAMV’s system of education with that of EU countries, all didactic activities have been assigned ECTS credits, thus allowing mutual recognition of diplomas at European level.

The USAMV grade system is in conformity with the national grade system – on a scale from 1 to 10. Equivalence with ECTS credits is shown in the table attached:

<table>
<thead>
<tr>
<th>ECTS grading system</th>
<th>Romanian grading system</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>10</td>
<td>Excellent</td>
</tr>
<tr>
<td>B</td>
<td>9</td>
<td>Very good</td>
</tr>
<tr>
<td>C</td>
<td>7-8</td>
<td>Good</td>
</tr>
<tr>
<td>D</td>
<td>6</td>
<td>Satisfactory</td>
</tr>
<tr>
<td>E</td>
<td>5</td>
<td>Sufficient</td>
</tr>
<tr>
<td>FX</td>
<td>4</td>
<td>Insufficient</td>
</tr>
<tr>
<td>F</td>
<td>1-3</td>
<td>Insufficient</td>
</tr>
</tbody>
</table>

At the end of the study cycle, students sit for the final exams and defend a first-degree paper, they are awarded a bachelor’s degree for the domain and main specialization concerned.

**MEALS AND ACCOMMODATION**

The USAMV owns four student dorms, with a housing capacity of 1200 places and a restaurant which provides meals for 1500 students (breakfast, lunch and dinner). Romanian students receive accommodation depending on their grade point average. The holders of a State Scholarship are offered housing in the university dorms if there are rooms left available.

Student dorms are located near the university, in a picturesque area of the city. The majority of the dorms have shared rooms, housing 3-4 students per room. Costs for meals and accommodation vary between 100-150 euro per month.

**MEDICAL ASSISTANCE**

Medical assistance for students is provided by the University medical and dental clinic, with its medical professionals offering a wide range of services. Students can receive their prescriptions for medicine free of charge thanks to ensured health services offered for students. All foreign students benefit from medical prescriptions and treatments free of charge.

**PUBLIC TRANSPORTATION IN CLUJ-NAPOCA**

Orientation in Cluj-Napoca is facilitated by city maps, available at every bookstore for a convenient price. Public transportation is ensured by trams, trolleys and buses, which, along with taxi services at reasonable costs, allow easy access to any direction of the city. The international airport of Cluj-Napoca operates internal and international flights. The city is also served by a railway station and a bus station.

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**STUDENT EVALUATION**

**LEISURE TIME**

Students of the University of Agricultural Sciences and Veterinary Medicine are offered a wide range of social, cultural, artistic and sporting opportunities. At the “Agronomia” student club the following ensembles have performed over the years: “Barbunco” folk dance group, “Haba” singers group, theatre groups, the mixed choir, the male choir, pop dance groups, modern dance ensembles, “Octavian Goga” literary meeting, “Orizonturi” reading club etc.

Every year, the “Agronomia” club awaits the freshmen of the USAMV Cluj-Napoca; USAMV owns a sport hall, football, handball and volleyball fields, as well as tennis courts etc.

Sport facilities of Cluj University Centre include the “Iuliu Hatieganu” Sports Park, the country stadium, the Politehnica swimming pool, all open for USAMV students.

USAMV students may also sign up and perform in different cultural and artistic ensembles of the Country Cultural Centre for Students, or in ensembles of other cultural institutes of Cluj.

Students also participate in arts and crafts clubs such as “Paletta”, “ikebana” etc., thus integrating in the cultural life of Cluj-Napoca or of other cities.