

Annex No. 3

The External Evaluation Report of the Field of **ANIMAL SCIENCE** Doctoral Studies within **IOSUD USAMV** from Cluj Napoca, Romania.

Contents

- I. Introduction
- II. Methods used
- III. Analysis of performance indicators
- IV. SWOT Analysis
- V. Overview of judgments awarded and of the recommendations
- VI. Conclusions and general recommendations
- VII. Annexes

I. Introduction¹

The context in which this external evaluation report was drafted (the type of evaluation, the period of the evaluation visit, the composition of the Experts Committee etc.)

a) Type of evaluation: The report of external evaluation of the doctoral studies field of **ANIMAL SCIENCE** within the Doctoral School of Agricultural Engineering Sciences (SDSAI) -USAMV Cluj Napoca was drafted on the occasion of the evaluation visit in mixed mode.

b) Period of the evaluation visit: 1-5 November 2021.

c) The composition of the commission of expert evaluators

Prof. Dr. Ștef Lavinia -USAMV King Mihai I of Romania from Timișoara.

Prof. Dr. Estella Agüera - University of Cordoba Spain.

Std. Drd. Dănuț Nicolae ENEA - USAMV Bucharest.

Details about the doctoral school(s) of which the doctoral domain under review is part (number of doctoral advisors, number of students, institutional context, short history etc.).

a) Brief history:

IOSUD is legally represented by the University of Agricultural Sciences and Veterinary Medicine of Cluj Napoca (USAMVCN). The head of the institution (USAMVB) that legally represents IOSUD is the Rector (USAMVCN). The University of Agricultural Sciences and Veterinary Medicine (USAMV) Cluj-Napoca is the successor of the prestigious high school of agriculture in Cluj, founded 150 years ago. Almost 50 years

¹ Each time when applicable the information shall be presented gender-wise.

from its establishment until the end of the second decade of the last century, the agronomic school in Cluj operated with a single section - the Agriculture - with a duration of three years, and the diploma awarded was "graduated agronomist". Since 1921, higher agronomic education in our country has been legislated for four years of study, of which three years of theoretical studies, and the fourth as an internship in state or private farms. From 1922, the graduates received the diploma of "agronomic engineer". Between 1940-1945, as a result of the Vienna Dictate, the Cluj Agricultural Academy (teachers, students and part of its inventory) took refuge in Timișoara, where it carried out its activity under the name of "Faculty of Agronomy Cluj - Timișoara". In 1945, the Faculty of Agronomy returned to Cluj and since 1948 it has been operating under the name of "Cluj Agronomic Institute", initially having only one Faculty, that of Agriculture. In 1959 the Department of Animal Husbandry was established and in 1962 the Faculty of Veterinary Medicine. In 1935, a Department of Animal Husbandry was established within the Faculty of Agriculture, which was transformed in 1968 into the Faculty of Animal Husbandry. In 1992, new biotechnology studies were developed, so that the faculty became the Faculty of Animal Husbandry and Biotechnology. The Faculty of Veterinary Medicine was established in 1962, and the Faculty of Horticulture in 1977. By the decision of the Senate of 17.01.1990, the Agronomic Institute was structured on four faculties: Agriculture, Horticulture, Animal Husbandry and Biotechnology, Veterinary Medicine. This structure was approved by the Minister of Education by Order M.I. no. 7751 / 27.04.1990. At its meeting on 26 January. In 2012, the University Senate approved the establishment of the fifth faculty, the Faculty of Food Science and Technology. This decision was approved by GD 707 / 18.07.2012, so that currently within USAMV Cluj-Napoca there are five faculties. The University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca (USAMV Cluj-Napoca) is a public institution of higher education, with legal personality and owner of its own patrimony. USAMV Cluj-Napoca operates on the basis of university autonomy, according to the University Charter and in accordance with current legislation, the provisions of the Romanian Constitution, the National Education Law and other normative acts governing the education system and process in Romania. The University respects the principles described in the "Universal Declaration of Human Rights", assumes the Lima Declaration on Academic Freedom and Autonomy of Higher Education Institutions, the Magna Carta of European Universities, the Association of European Universities (EUA), the Consortium of Universities for Life Sciences (ICL), at the Association of Francophone Universities (AUF), at the Union of Cluj Universities (UUC), Euromediterranean University (EMUNI) and at the Consortium of Agricultural Sciences Universities, EAEVE (The European Association of Establishments for Veterinary Education). USAMV Cluj-Napoca is an academic institution of education and research, characterized by excellence in education and research, covering a wide range of specializations in agriculture, horticulture, animal husbandry, biotechnology, veterinary medicine, biology, environmental engineering, cadastre, forestry, food engineering. Since 1995, based on IMO 4620/1995, the institution receives the name of "University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca", according to GD no. 586 / 28.07.1995. (<https://www.usamvcluj.ro/>), <https://usamvcluj.ro/imagine/>).

b) institutional context

The University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca (USAMVCN) organizes doctoral university studies within the Organizing Institution of Doctoral University Studies - University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca (IOSUD USAMVCN). The rector of the University of Agricultural Sciences and Veterinary Medicine in Cluj-Napoca is the legal representative of IOSUD USAMVCN. IOSUD USAMVCN is led by the Council for University Doctoral Studies, hereinafter referred to as CSUD - USAMVCN. In USAMVCN the doctoral university studies are carried out on the

basis of the law of the National Education Law no. 1/2011, of Law no. 49/2013, of the Code of Doctoral Studies GD 681/2011, consolidated form by including and completing the GD no. 134/2016, valid from 10.03.2016, of the USAMV Charter, of the Regulation RU 24 for the organization and development of doctoral university studies, as well as of the subsequent modifications of these regulations.

CSUD-USAMV CN is led by a director, assimilated to the position of vice-rector, and the doctoral university study programs are organized and carried out within IOSUD - USAMV CN, within the two doctoral schools. The Doctoral School of Agricultural Engineering Sciences (SDSAI) and the Doctoral School of Veterinary Medicine (SDMV). Each doctoral school is run by a director of the doctoral school and a Doctoral School Council. IOSUD and the two doctoral schools operate on the basis of their own organization and functioning regulations (RU 24, RU 65, RU 66).

The current Doctoral Schools were reorganized within IOSUD in 2014, following the establishment of the legal framework and the Rules of Procedure approved by the University Senate in the meeting of 13.02.2014 (Annex 1. Senate Decision 13.02.2014_Organization of Doctoral Schools). Until that date in the university there were five fields of doctoral studies Agriculture, Horticulture, Animal Husbandry, Biotechnology and Veterinary Medicine. The current Doctoral Schools have the same rank as that of the departments and can organize their own research centers and / or laboratories that can function as income and expenditure units within the university, according to the provisions of art. 131, art. 133 para. (4) and art. 134 of Law no. 1/2011.

The doctoral school of Agricultural Engineering Sciences (SDSAI) is led by the director of the doctoral school - Prof. Dr. Cristina Bianca Pocol and by a Council of the doctoral school. The director of the doctoral school is assimilated to the director of the department, and the Council of the doctoral school is assimilated to the Council of the department. Currently, the Council of the Doctoral School of Agricultural Engineering Sciences is composed of three doctoral supervisors: Prof. Dr. Cristina Bianca Pocol; Prof. Dr. Teodor Rusu, Prof. Dr. Adela Pinteau and a doctoral student Ignat (Socaci) Maria Valentina (<https://www.usamvcluj.ro/consiliul-scolii-doctorale-de-stiinte-agricole-ingineresti/>)

c) number of doctoral supervisors

Within SDSAI, a number of 53 doctoral supervisors carry out their activity (28 women, 25 men), out of which 39 are holders in USAMVCN (employed for an indefinite period, full time), 10 are doctoral supervisors retired (associate teachers) and 4 are active doctoral supervisors from other universities, after the introduction of the new legal provisions on habilitation, a number of 31 doctoral supervisors, based on obtaining habilitation certificates. were co-opted within SDSAI The list of doctoral supervisors within SDSAI at the date of preparation of this report can be found in (Anexa 7 - Lista Nominala a Conducatorilor de doctorat din SDSAI).

d) number of doctoral students

During the period evaluated within the Doctoral School of Agricultural Engineering Sciences, the number of PhD students in internship registered a significant evolution, respectively from 52 (51 budget +1 fee) students enrolled in the academic year 2015/2016 to 67 (56 budget + 11 fee) students enrolled in the academic year 2019/2020. A total of 306 doctoral students were enrolled in the evaluated period. (tab 2, REIpag 12).

Details about the doctoral study domain under review (number of students, institutional context, short history etc.).

a) Brief history:

Doctoral schools were reorganized within IOSUD in 2014, following the establishment of the legal framework and the Rules of Procedure approved by the University Senate in the meeting of 13.02.2014 (Annex 1. Senate Decision 13.02.2014_Organization of Doctoral Schools). Until that date in the university there were five fields of doctoral studies Agriculture, Horticulture, Animal Science Biotechnology and Veterinary Medicine. The current Doctoral Schools have the same rank as that of the departments and can organize their own research centers and / or laboratories that can function as income and expenditure units within the university, according to the provisions of art. 131, art. 133 para. (4) and art. 134 of Legea nr. 1/2011.

The doctoral field of Animal Science is integrated into the Doctoral School of Agricultural Engineering Sciences and has as main mission the formation of competencies and scientific and technological expertise in animal breeding and capitalization of the obtained productions. This area is part of the Knowledge-Based Bioeconomy, with reference to specific sub-domains on plant and animal resources. Through this mission it supports the use of the existing infrastructure and material and human resources in USAMV Cluj-Napoca, for a vocational training offer at higher doctoral level (third cycle of studies within the Bologna process; EQF / ISCED-8), with applications in key areas, such as: animal husbandry, fodder production, quantitative and qualitative growth of animal and plant production, the use of innovative technologies to increase production; the use of genetic and breeding programs in order to form genetic nuclei with higher potential, in terms of production. In each field of SDSAI there are several specializations (areas of expertise) (<https://www.usamvcluj.ro/invatamant/doctorat/883-2/>) according to the concerns of doctoral supervisors.

b) Institutional context

Because Animal Science is in itself an interdisciplinary field, it is an interface with other scientific fields, the program being open to graduates from a wide range of specializations, from agriculture, to food science and technology, biology and biochemistry, veterinary medicine. Thus, in the doctoral training program in the field of Animal Husbandry participate graduates of master studies in biosciences or bioengineering, graduates of medical universities, food industrialization technology, or in any other field of life sciences relevant to animal husbandry.

In the field of Animal Science there are the following specializations: Animal products technology, Animal physiology, Animal nutrition and nutrition, Genetics and animal breeding, Genomics, Assisted selection of genetic markers (MAS), Valorization of the effect of heterosis through hybridization

The mission and strategic objectives of the doctoral program in Animal Science contribute to the production of the critical mass of human resources, with knowledge at the highest level, increased skills and competences regarding the know-how of the zootechnical field in Romania. The graduates of the doctoral program in this field will acquire autonomy, abilities to develop and lead research and

development projects in the field of animal husbandry, both in the academic and in the corporate sphere. Training for research and innovation will be doubled by responsibility and respect for academic and professional integrity.

SPECIFIC OBJECTIVES

- To offer PhD students a wide range of scientific and technological specialisations, at the level of similar programmes in the European Union or developed third countries, based on innovative zootechnical applications.
- To train a generation of young, professional researchers equipped with the necessary skills to develop and lead research and technological development programmes based on future zootechnical programmes.
- Development and application of advanced breeding technologies for different species and categories of domestic animals, in accordance with the farming system used in the establishment (including semi-intensive, home farming), the level of mechanisation (housing, machinery, facilities), zonal factors (climatic, social-economic).
- Conducting the process of breeding populations of all species and categories of animals in the unit, and the aim is to use modern techniques (application of genetic engineering) to create new lines, hybrids and breeds of animals with higher yields;
- Directing the feeding processes of the animals on the farm on the basis of the latest scientific developments in the field, in order to develop new feed rations (by species and categories of animals, according to physiological conditions and production capacity). All these objectives are aimed at maximising the use of feed and the production potential of the animals of the breeds raised on the farm.
- Organising and directing the breeding processes of the animals on the farm in order to achieve higher fertility and birth rates while maintaining the health and high production capacity of the herd;
- Drawing up annual production plans for the livestock farms studied, budgeting income and expenditure and addressing forward plans to improve economic performance on the farm, based on the production obtained.
- Organize and follow up the process of valorization of animal products in farms and use innovative programs for economic growth.
- Reducing gaps in academic, governmental and corporate spheres regarding the application of breeding and genetic programmes on farms and these issues can be achieved by Interdisciplinary and cross-cutting animal science projects integrated with Life Sciences.
- Recognise and stimulate the performance of young researchers through publications, participation in international and national research projects, conferences and integration into international professional societies in the field of animal science.

The multidisciplinary curriculum of this programme is designed to meet rigorous international research standards as well as the academic requirements of higher education in Romania, in relation to the specific needs of the economic and social environment, public or private. The programme integrates multiple academic specialisations representing all components of the zootechnical value chain, ranging from (nutrition, genetics, breeding, genomics, proteomics and bioinformatics to applied aspects, such as the design and development of farm systems with digital milking programme management systems and physiological status verification. The programme also includes a broad framework of bioeconomics and technology transfer.

As Animal Science is itself an interdisciplinary field, it also provides an interface with other scientific fields, making the programme open to graduates from a wide range of majors, from agriculture, to food science and technology, biology and biochemistry, veterinary medicine. Thus, the PhD training programme in Animal Science is open to graduates of master's degrees in biosciences or bioengineering, graduates of universities of medicine, food processing technology, or any other field of life sciences relevant to animal science.

c) Number of PhD supervisors

Within the field of Animal Science a number of 9 PhD supervisors worked in 2015, in 2016 and 2017 - 10 PhD supervisors, in 2018 - 9 PhD supervisors and in 2019 and 2020 - 4 PhD supervisors. At the time of writing the report on the field of Animal Science, there were 4 PhD supervisors (2 women, 2 men), of which 1 is a tenured PhD supervisor at USAMVCN (full-time, permanent employee), 1 (affiliated to USAMVCN) and 2 are retired PhD supervisors (associate professors). Two PhD supervisors have obtained the habilitation certificate, and the other 2 supervisors having previously obtained PhD supervision rights (Annex 7), Figure 2, REI page 24 The number of PhD supervisors in the field of Animal Science was highest in 2016 and 2017 and decreased in 2019 and 2020 due to the fact that some of the PhD supervisors have reached retirement age.

d) number of students

The evolution of the number of PhD students in the Animal Science field varied according to the number of PhD supervisors in this field. During the period under evaluation, the PhD field of Animal Science registered 30 PhD students for admission, of which 12 FBB, 1FB, 11 FR, 1 FT and 5 FRT. (Table 10, page 24, REI).

II. Methods used

This chapter will contain the methods and tools used in the external evaluation process, before and during the evaluation visit, including at least:

- The analysis of the internal evaluation report of the doctoral study domain under review and its Annexes;

Yes, the IRR for the doctoral degree field Animal Science and its annexes have been analysed.

- The analysis of documents made available by the IOSUD, in physical format, during the evaluation visit (if such documents have been requested);

This is not the case

- The analysis of documents, data and information available on the IOSUD/Doctoral School(s) website, in electronic format;

Yes, documents and information available on the website have been analysed.

- Visiting the buildings included in the institution's property, comprising (indicative and non-exhaustive list, which shall be changed according to the context):

-Classrooms

-Laboratories

-The institution's library

-Career Counselling and Guidance Centre

- Reading rooms for students
- Student dormitories
- Student canteen
- Sports centre, etc.

- Meeting/discussions with doctoral students in the doctoral study domain under review;

Yes, there was a meeting with doctoral students in the field of Animal Science, 03.11. 2021, 10: 00-10: 50, Zoom platform. The discussions were attended by 6 PhD students.

- Meeting/Discussions with the graduates of the doctoral study domain Animal Sciences under review;

Yes, the meeting with the graduates in the field of Animal Science was held, 2.11. 2021, 13: 30-14: 30, Zoom platform. The discussions were attended by 5 graduates.

- Meeting/Discussions with employers of the graduates in the doctoral study domain under review;

Yes, the meeting with the employers of graduates in the field of Animal Husbandry was held, 2.11. 2021, 16: 00-17: 00, Zoom platform. 8 employers participated in the discussions.

- Meeting/Discussions with the school officials of the Doctoral School(s) in which the doctoral study domain under review is operating;

Yes, the meeting was held with the management of the Doctoral School of Agricultural Engineering Sciences (SDSAI).

- Meeting/Discussions with the doctoral advisors in the doctoral study domain under review;

Yes, the meeting was held with the doctoral supervisors in the field of doctoral studies in Animal Science, 1.11.2021, 14: 30-15: 30, Zoom platform. The discussions were attended by all 4 PhD supervisors in the field of Animal Science. There were discussions about what we would like to improve in the field of PhD in Animal Science, emphasizing the increase of the duration of doctoral training, the internationalization of doctoral studies in the field of Science.

- Meeting/discussions with the representatives of the various structures of the IOSUD/Doctoral School(s) in which the doctoral study domain under review is operating:

- **The Council of the Doctoral School**, the University Senate, the Board of Directors, the Quality Assessment and Assurance Commission, the Quality Assurance Department, the Ethics Commission (including with the student representatives of these structures);
- the Career Counselling and Guidance Center;
- student organizations;
- secretariats;
- various departments/administrative offices (Social/Student residences-Cafeterias etc.);

- Application of questionnaires to doctoral students or academic staff in the doctoral study domain under review.

The questionnaires were administered to doctoral students at IOSUD level, and the results of these questionnaires were centralized and presented in the IOSUD report.

The questionnaires were applied to PhD students in the field of Animal Science, and the results of these questionnaires are presented in the Annexes of this report in Romanian language

III. Analysis of ARACIS's performance indicators

Domain A. INSTITUTIONAL CAPACITY

**general description of domain analysis.*

Within IOSUD, the PhD School of Agricultural Engineering Sciences is structured and operates according to the legislation in force. The current structure of IOSUD was decided in 2014, following the establishment of the legal framework and the operating regulations approved by the Senate of the university in the meeting of 13.02.2014 (Anexa 1. Hotărâre Senat 13.02.2014 Organizarea Scolilor Doctorale). The Doctoral School of Agricultural Engineering Sciences, together with the Doctoral School of Veterinary Medicine, is the component providing education of the highest level in the fields of: Agronomy, Horticulture, Biotechnology, Animal Science and Engineering and Management in Agriculture and Rural Development. REI page 5 page 37. The conduct of doctoral degree programmes in the fields of doctoral studies by the Doctoral School of Agricultural Engineering Sciences is carried out in a unified manner, with beneficial impact on the compliance with quality standards, for all doctoral fields managed by the SAI Doctoral School. PhD studies in the field of Animal Science represent the higher cycle of studies, the purpose of which is to train competent human resources at a higher level in animal husbandry. The strategy for the development and modernization of the PhD in Animal Science, within IOSUD-USAMV CN, affiliated to the Faculty of Animal Science and Biotechnologies, aims at the professional and scientific training of PhD students.

Criterion A.1. The administrative, managerial institutional structures and the financial resources

**general description of the criterion analysis.*

Standard A.1.1. The institution organizing doctoral studies (IOSUD) has implemented the effective functioning mechanisms provided for in the specific legislation on the organization of doctoral studies.

**general description of the standard analysis.*

a. general description of the analysis of the standard.

The University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca (USAMVCN) organizes doctoral studies within the Organizing Institution of Doctoral Studies - University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca (IOSUD USAMVCN). The Rector of the University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca is the legal representative of IOSUD USAMVCN. IOSUD USAMVCN is managed by the Council for Doctoral Studies, hereinafter referred to

as CSUD - USAMVCN. In USAMVCN doctoral studies are conducted on the basis of the National Education Law no. 1/2011, Law no. 49/2013, the Code of Doctoral Studies HG 681/2011, consolidated form by the inclusion and additions made by HG no. 134/2016, valid from 10.03.2016, the USAMV Charter, the RU 24 Regulation on the organization and conduct of doctoral studies, as well as subsequent amendments to these regulations.

The CSUD-USAMV CN is headed by a director, assimilated to the position of pro-rector, and the doctoral degree programmes are organised and carried out within the IOSUD-USAMV CN, within the two doctoral schools. The Doctoral School of Agricultural Engineering Sciences (SDSAI) and the Doctoral School of Veterinary Medicine (SDMV). Each doctoral school is headed by a Doctoral School Director and a Doctoral School Council. IOSUD and the two doctoral schools operate on the basis of their own organisational and operational regulations (RU 24, RU 65, RU 66). IRR page 2, 3.

Performance Indicator A.1.1.1. *The existence of specific regulations and their application at the level of the Doctoral School of the respective university doctoral study domain:*

(a) the internal regulations of the Doctoral School;

There are the Regulations of the Doctoral School of Agricultural Engineering Sciences (RU 65) was adopted by the USAMVCN Senate Resolution of 15.02.2019, revised and approved in its current version by the USAMVCN Senate Resolution of 19.02.2021. The regulations can be viewed on the website of the university and the doctoral school (<https://www.usamvcluj.ro/wp-content/uploads/2021/03/RU-65-Regulament-de-organizare-s%CC%A6i-funct%CC%A6ionare-al-S%CC%A6colii-Doctorale-de-S%CC%A6tiint%CC%A6e-Agricole-Ingineres%CC%A6ti.pdf>).REI 37-38

(b) the Methodology for conducting elections for the position of director of the Council of doctoral school (CSD), as well as elections by the students of their representative in CSD and the evidence of their conduct;

There is a methodology for conducting elections. Elections for CSUD structures and Doctoral School Councils are carried out according to the legislation in force and the Methodology on the process of constitution and election of structures and management functions at USAMV Cluj-Napoca (RU 5). The methodology can be viewed on the web page https://www.usamvcluj.ro/images/2019/Regulament_alegeri_mandatul_2020-2024.pdf.

All the information related to the conduct of the elections, both for doctoral professors, doctoral students and external members, is posted on the website at the link <https://www.usamvcluj.ro/universitatea/documente-publice/alegeri-universitare/>, including the election calendar, the candidates submitted, the lists of persons entitled to vote, the election results. The members of the SSC are elected by universal, direct and secret vote of the doctoral supervisors of the doctoral school and of the doctoral students of USAMV CN. Candidatures are registered at the USAMV CN Registrar's Office, submitted to the Rectorate and validated by the University Senate. The electoral lists and ballot papers are drawn up by the University Electoral Office.

c) the Methodologies for organizing and conducting doctoral studies (for the admission of doctoral students, for the completion of doctoral studies);

There are **regulations for the admission of doctoral students** and for the **completion of doctoral studies**. Admission to PhD studies in USAMV CN is done according to the Regulation on the organization and conduct of the admission competition in USAMVCN (RU 45 <https://www.usamvcluj.ro/wp-content/uploads/2021/03/RU-45-Regulament-privind-organizarea-s%CC%A7i-desfa%CC%86s%CC%A7urarea-concursului-de-admitere-pentru-anul-universitar-2021-2022.pdf>), updated every academic year.

The **Regulation for the completion of doctoral studies** (RU 24A [Regulament-de-finalizare-a-studiilor-universitare-de-doctorat-la-IOSUD-USAMVCN.pdf](https://www.usamvcluj.ro/wp-content/uploads/2021/05/RU-24A-Regulament-de-finalizare-a-studiilor-universitare-de-doctorat-la-IOSUD-USAMVCN.pdf) RU24a) in USAMVCN is elaborated by the doctoral schools and approved by the CSUD, the Administrative Council and the Senate of USAMVCN (<https://www.usamvcluj.ro/wp-content/uploads/2021/05/RU-24A-Regulament-de-finalizare-a-studiilor-universitare-de-doctorat-la-IOSUD-USAMVCN.pdf>).). REI pag. 40

d) the existence of mechanisms for recognizing the status of a Doctoral advisor and the equivalence of the doctoral degree obtained abroad;

IOSUD USAMVCN has procedures to recognize the status of PhD supervisor or the qualification obtained abroad. These procedures are approved and are made public on the DAC website respectively the recognition of the status of doctoral supervisor (PO-88) and of the doctoral degree obtained in other countries (PO-123). They can also be accessed directly from the university, the doctoral school's website under Regulations, Procedures, Forms <https://www.usamvcluj.ro/invatamant/doctorat/activitati-csud/>

e) functional management structures (Council of the doctoral school), giving as well proof of the regularity of meetings;

There is the CSDSAI, it meets whenever necessary at the request of the Director of the CSD, CSUD, or its members. The manner in which the Council of the Doctoral School carries out its duties is defined in the Regulations for the Organisation and Conduct of Doctoral Studies (RU 24) and in the Doctoral School Regulations (RU 65). The functionality of the governing structures is demonstrated by the fact that the decisions of the CSDSAI can be consulted on the website: <http://www.usamvcluj.ro/index.php/doctorat/consiliul-scolii-doctorale-de-stiinte-agricole-ingineresti>). The CSUD meets whenever necessary at the request of the CSUD Director or at least one third of its members. The decision-making work of the CSUD is public and can be accessed at the following website: <http://www.usamvcluj.ro/index.php/doctorat/hotararile-consiliului-studiilor-universitare-de-doctorat>. -. REI page 39.

f) the contract for doctoral studies;

At the IOSUD level there is the Doctoral Studies Contract (Anexa A.1.1.1. Contractul de Studii Doctorale). The model framework contract for doctoral studies is drawn up by the CSUD and approved by the legal office. The study contract is amended by additional acts when the status of the doctoral student changes (form of funding, form of teaching, extension of the doctorate, change of supervisor) or when this is required by changes in legislation in the field of doctoral education. The framework model can be viewed on the university website.

g) internal procedures for the analysis and approval of proposals regarding the training for doctoral study programs based on advanced academic studies.

At IOSUD level there is a procedure for internal evaluation and monitoring of doctoral schools PO-125 (http://dac.usamvcluj.ro/proceduri_opertionale.php). A Commission for the Evaluation and Quality Assurance of Doctoral Schools (CEACSD) also operates at the level of SDSAI <http://dac.usamvcluj.ro/responsabili.php>. On the basis of the analysis of the doctoral students' satisfaction questionnaire and the analysis of the annual activity reports, the CEACSD formulates proposals to improve the quality of education, including the Advanced University Studies-based training programme.

Recommendations: No recommendations
The indicator is fulfilled.

Performance Indicator A.1.1.2. *The doctoral school' Regulation includes mandatory criteria, procedures and standards binding on the aspects specified in Article 17, paragraph (5) of the Government Decision No. 681/2011 on the approval of the Code of Doctoral Studies with subsequent amendments and additions.*

The Regulations of the Doctoral School (RU 65) include mandatory criteria, procedures and standards for the aspects specified in Art. 17 para. 5 of GD 681 / 2011, as amended and supplemented.

The SDSAI Regulation provides in Article 4 - paragraphs 1-11 the procedure for accepting doctoral supervisors, the criteria for accepting/co-opting doctoral supervisors and for continuing the activity of supervisors who have reached retirement age; paragraph 12 - the conditions and procedure for withdrawing the membership of a doctoral supervisor.

In Article 2, paragraph 19 states that decisions on the appropriateness, structure and content of the training programme based on advanced university studies are the responsibility of the CSDSAI and the director of the doctoral school: "elaboration of the content of each doctoral programme (subjects included, number of hours allocated to courses, seminars, number of credits allocated to subjects, etc.); approving the status of the teaching and research staff affiliated to the doctoral school, where appropriate; approving the individual doctoral study plans; ensuring the internal evaluation of the doctoral study programmes in order to improve them continuously and adapt them to current trends in research in the

fields related to the SAI; assisting the external evaluator in the evaluation process for accreditation/recognition or provisional authorisation of the doctoral school; proposing the performance criteria used in the annual distribution of budgeted places to doctoral supervisors".

In the regulations of the doctoral school it is foreseen in Art. 4, paragraph 20 "At the motivated request of the doctoral student, the SAI Doctoral School Council may decide to change the doctoral supervisor if it has been found that the supervisor has not fulfilled the legal or contractual obligations assumed by him/her or for other reasons concerning the mentoring relationship between the doctoral supervisor and the doctoral student" but also to mediate conflicts Art. 3 paragraphs, 7 "Conflicts between the doctoral student and the doctoral school shall be mediated by the CSUD" and 8 "Conflicts between the doctoral student and the doctoral supervisor shall be mediated by the Doctoral School Council, and in case of failure to resolve the conflict at this level, it shall be mediated by the CSUD".

Art. 6, paragraph 5 "Doctoral studies may be interrupted for good cause for a maximum period of 2 years. The duration of these studies shall be extended by the cumulative periods of approved interruptions" and 6 "Doctoral studies may be interrupted in the following situations: for medical reasons, requesting parental leave or working abroad for more than 6 months".

The procedures to prevent fraud in scientific research and plagiarism and the sanctions to be applied in case of identification by the supervisor, the supervisory committee, the doctoral committee or other persons/institutions of breaches of professional ethics, including plagiarism, are foreseen - Article 11, paragraphs 5, 6, 7, 17, 19, 28, 36, 38, 41, Article 12, paragraphs 2, 3, 7 (k).

Article 12 - Rights and obligations of the doctoral student and the doctoral supervisor states in paragraph 1 that the doctoral student has the right "(b) to participate in seminars or working meetings of IOSUD research and development staff when topics relevant to doctoral studies are under discussion; d) to benefit from the logistics, documentation centres, libraries and equipment of the doctoral school and of the IOSUD research laboratories for the elaboration of research projects and the doctoral thesis; f) to work together with teams of researchers from IOSUD or from research and development units that have concluded agreements or institutional partnerships with IOSUD USAMV Cluj-Napoca;"

Article 7, paragraphs "(4) The doctoral student must devote a significant amount of time to the doctoral programme, which requires his/her actual presence at IOSUD-USAMV Cluj-Napoca or at research and development units that have concluded agreements or institutional partnerships with IOSUD, outside the periods related to mobility.

Recommendations: No recommendations

The indicator is fulfilled

Standard A.1.2. The IOSUD has the logistical resources necessary to carry out the doctoral studies' mission.

IOSUD has a generous patrimony, represented by buildings, in which teaching, scientific research and other types of academic activities or activities in the interest of education and scientific research are carried out.

USAMV CN also has teaching and scientific research stations as well as agricultural production farms that contribute to the academic and scientific performance of the human resources trained within this framework. USAMV CN is a public higher education institution whose annual budget is made up of government funds and its own funds. (REI page 43).

Performance Indicator A.1.2.1. *The existence and effectiveness of an appropriate IT system to keep track of doctoral students and their academic background.*

OSUD has an integrated academic management system (Anexa A.1.2.1. Sistemul informatic) Through it the university has the possibility to monitor the activity of students in all forms of education, as well as the financial situation for students on fee-paying places. Doctoral students are provided with accounts in which they report their research activity annually. This activity is monitored and audited according to a timetable approved by the Board of Directors and announced, respectively posted on the department's website for quality assurance. The advantage of the existence of this database, the self-assessment of research activity, is that it can be accessed at any time and the stored data can be downloaded both by doctoral students and for the purpose of using them in the periodic evaluation processes of doctoral schools. Audits (internal and external) certify the accuracy of the data recorded.

The Intranet account can be accessed from the main page of the website of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca by clicking on Intranet or using the link <https://intranet.usamvcluj.ro>. REI pg. 42.

Recommendations: No recommendations

The indicator is fulfilled

Performance Indicator A.1.2.2. *The existence and use of an appropriate software program and evidence of its use to verify the percentage of similarity in all doctoral theses.*

OSUD-USAMV CN uses the anti-plagiarism program for checking doctoral theses. Doctoral theses are checked to determine the percentage of similarity, according to the legislation in force and the Regulation for the completion of doctoral studies (RU24a). Since 2019, the program used for checking doctoral theses is "Sistemantiplagiat" (<https://sistemantiplagiat.ro/>), a program recognized by CNATDCU according to OMEN 5229/2020. Prior to this date (2014-2019), the program used was Plagiarism Detector. A license is located at the doctoral school where it ensures the verification of documents requested by doctoral students or PhD supervisors. On this platform, accounts are activated for the doctoral school directors, the CSUD director and the doctoral school secretariat. Anexa 1.2.2.a, Anexa A1.2.2.b.

Recommendations: No recommendations

The indicator is fulfilled

Standard A.1.3. *The IOSUD makes sure that financial resources are used optimally, and the revenues obtained from doctoral studies are supplemented through additional funding besides governmental funding.*

IOSUD - USAMVB CN is a public higher education institution whose annual budget is made up of government funds and its own funds.

The funds coming from the basic financing are used for the didactic process, for material expenses related to the research activity carried out by the PhD students and for the professional training

expenses of the PhD students. They are supplemented by various types of research, institutional development or human resources projects

Performance Indicator A.1.3.1. *Existence of at least one research or institutional / human resources development grant under implementation at the time of submission of the internal evaluation file, per doctoral study domain under evaluation, or existence of at least 2 research or institutional development / human resources grant for the doctoral study domain, obtained by doctoral thesis advisors operating in the evaluated domain within the past 5 years. The grants address relevant themes for the respective domain and, as a rule, are engaging doctoral students.*

The PhD supervisors in the field of Animal Science have a research activity that has had as a source of funding some projects such as: (UEFISCDI program, ADER and with the involvement of economic agents). The PhD supervisors in the field of Animal Science had during the period evaluated a number of 3 grants. The grants coordinated by the supervisors in the field of Animal Science and carried out during the reporting period are presented in Anexa 1.3.1. REI pg 43

Recommendations: *increase the number of research grants coordinated by PhD supervisors*
The indicator is fulfilled

Performance Indicator *A.1.3.2. *The percentage of doctoral students active at the time of the evaluation, who for at least six months receive additional funding sources besides government funding, through scholarships awarded by individual persons or by legal entities, or who are financially supported through research or institutional / human resources development grants is not less than 20%.*

Since 2015, USAMVCN grants scholarships from its own funds to doctoral students enrolled in the budget reduced frequency and budget frequency without scholarship, based on the signing of an additional act to the doctoral studies contract by which doctoral students are obliged to be present at the university 8 hours/day. The amount of these scholarships was 600 lei/month (2015), 1000 lei/month (2017). Since 1.10.2018 the amount of the scholarship is identical to the government scholarship ([https://www.usamvcluj.ro/images/2018/Hotarari CA/ca 8 oct 2018.pdf](https://www.usamvcluj.ro/images/2018/Hotarari_CA/ca_8_oct_2018.pdf)). At the moment PhD students in the field of animal husbandry are also financed from USAMVCN own funds. (Anexa A.1.3.2.a).REI pag 45. One PhD student is included in a project with the business environment.

Recommendations: *No recommendations*
The indicator is fulfilled

Performance Indicator *A.1.3.3.² *At least 10% of the total amount of doctoral grants obtained by the university through institutional contracts and of tuition fees collected from the doctoral students enrolled in the paid tuition system is used to reimburse professional training expenses of doctoral students*

² The indicators marked with an asterisk (*) hold a special status, referring exclusively to the evaluation of doctoral studies domains, as per Article 12 from the annex No.1 of the Order of the minister of education No. 3651/12.04.2021 approving the Methodology for evaluating university doctoral studies and the system of criteria, standards and performance indicators used in the evaluation. In case they are not met, the Agency extends a period of maximum 3 years to IOSUD to correct the respective deficiencies.

(attending conferences, summer schools, training, programs abroad, publication of specialty papers or other specific forms of dissemination etc.).

Each doctoral student is allocated an annual amount of 2000 lei for participation in conferences, courses, research internships, publication (Anexa A.1.3.3 a. Hotărâre CA Fonduri Participări Conferințe). For participation in the annual symposium, the costs of the doctoral students are borne by the doctoral school, in addition to the amount mentioned above. Based on a selection made at IOSUD level, in 2014-2018 PhD students were financially supported (participation fee, transport and accommodation expenses) for participation in CASEE (ICA Regional Network for Central and South Eastern Europe) symposia in Slovakia, Serbia, Poland. PhD students are financially supported to publish articles in Q1 (75%) and Q2 (50%) quartile journals (Anexa A.1.3.3.b). According to the decision of the Board of Governors (https://cercetare.usamvcluj.ro/online/hot_ca/2010/ca_9_iun_2010.pdf), 50 % of the amounts collected from the doctoral students registered for a fee are at the disposal of the supervisor and can be used to cover the doctoral student's expenses (training, materials), and 20 % are at the disposal of the doctoral school. More than 10% of doctoral grants are used to cover doctoral students' training expenses.

Recommendations: No recommendations

The indicator is fulfilled

Criterion A.2. Research infrastructure

Standard A.2.1. The IOSUD has a modern research infrastructure to support the conduct of doctoral studies' specific activities.

SDSAI benefits from a well-developed research infrastructure suitable for conducting scientific research in all areas of life sciences. Research activities are carried out in the two research institutes: the Institute for Life Sciences (<http://cercetare.usamvcluj.ro/ISV/>) and the Institute for Advanced Horticultural Research of Transylvania (ICHAT), <http://usamvcluj.ro/ICHAT/> or at faculty level. In total there are 53 research centres and laboratories to which SDSAI PhD students have access <https://www.cercetare.usamvcluj.ro/wordpress/unitati-de-cercetare/>)

Of these, 20 centres and laboratories are coordinated by PhD supervisors from SAI fields . (Anexa 8 – Lista Laboratoarelor) To these should be added the existing facilities at the 3 Research and Production Stations: Jucu Station (1000 ha of experimental fields), Cojocna (675 ha), the Horticultural Research Station (SCH) (165 ha), and the 3 farms: "Șapca Verde Florești" (18 ha), Hoia (91 ha) and the wine farm "Apoldia Maior" (65 ha). REI pages 11 and 47.

Performance Indicator A.2.1.1. *The venues and the material equipment available to the doctoral school enable the research activities in the evaluated domain to be carried out, in line with the assumed mission and objectives (computers, specific software, equipment, laboratory equipment, library, access to international databases etc.). The research infrastructure and the provision of research services are presented to the public through a specific platform. The research infrastructure described above, which was purchased and developed within the past 5 years will be presented distinctly.*

PhD students in the field of Animal Science have access to the entire research infrastructure of USAMVCN (Anexa 8 Lista Institutelor Centrelor Laboratoarelor de Cercetare). These institutes provide the material base (equipment, computers, software, etc.) specific to the field of Animal Science.

The research equipment in IOSUD are presented on the websites of the research units <https://cercetare.usamvcluj.ro/ISV/unitati-de-cercetare/> and are posted on the ERRIS REI platform pg. 46. The offer of analytical and scientific consultancy services is presented at the link <http://cercetare.usamvcluj.ro/ISV/servicii-analitice/>. In addition, facilities and equipment are available in the disciplines where PhD supervisors carry out their teaching activities. USAMV Cluj Napoca is a partner of the ANELIS+ project (<https://www.e-nformation.ro/>) through which all computers connected to the USAMV Cluj-Napoca server can access a series of platforms and collections of journals and scientific research literature, in full text format Anexa A.2.1.1. Acces la baze de date) REI page 47. Within the discipline of Scientific Documentation PhD students must create an account on the Enformation platform and the examination consists of questions that can be solved by accessing the databases to which USAMVCN subscribes.

The Informatization Centre provides the mechanisms for the implementation and development of ICT facilities within USAMV Cluj-Napoca, in order to increase efficiency in the areas of educational process management and academic management.

Recommendations: No recommendations
The indicator is fulfilled

Criterion A.3. Quality of Human Resources

**general description of the criterion analysis.*

Standard A.3.1. *At the level of each domain there are sufficient qualified staff to ensure the conduct of doctoral study program.*

Within the field of Animal Science, 9 PhD supervisors worked in 2015, 10 PhD supervisors in 2016 and 2017, 9 PhD supervisors in 2018 and 4 PhD supervisors in 2019 and 2020.

Within the PhD field of Animal Science there are currently 4 PhD supervisors (2 women, 2 men), of which 1 is a tenured PhD supervisor at USAMVCN (full-time, permanent employee), 1 (affiliated to USAMVCN) and 2 are retired PhD supervisors (associate professors). Two PhD supervisors have obtained the habilitation certificate, and the other 2 supervisors have obtained the right to supervise a PhD previously (Anexa 7). REI pag 23.

Performance Indicator A.3.1.1. *Minimum three doctoral thesis advisors within that doctoral domain, and at least 50% of them (but no less than three) meet the minimum standards of the National Council for Attestation of University Degrees, Diplomas and Certificates (CNATDCU) in force at the time when the evaluation is carried out, which standards are required and mandatory for obtaining the enabling certification.*

All PhD supervisors in the field of Animal Science (who have coordinated PhD students during the reporting period and currently) meet the CNATDCU habilitation standards for committee 14, Plant and Animal Resources Engineering (OM 6129/2016), both for the total score and for each criterion (Anexa 3.1.1.a Conducatorii de doctorat și gradul de îndeplinire a standardelor). The full individual files of the PhD supervisors in the field can be viewed in the Annex file. 3.1.1.b Individual records of compliance with standards. Anexa. 3.1.1.b Fisele individuale de îndeplinire a standardelor.

Recommendations: *No recommendation*
The indicator is fulfilled

Performance Indicator *A.3.1.2. *At least 50% of all doctoral advisors have a full-time employment contract for an indefinite period with the IOSUD.*

There are 4 PhD supervisors working in the field of Animal Science, of which 1 is a tenured PhD supervisor at USAMVCN (full-time, permanent employee), 1 (affiliated to USAMVCN) and 2 are retired PhD supervisors (associate professors) Anexa 3.1.2). (REI pag 49. Of the 4 PhD supervisors only one is tenured in USAMVCN.

Recommendations: *increase in the number of PhD supervisors in USAMVCN*
The indicator is partially fulfilled

Performance Indicator A.3.1.3. *The study subjects in the education program based on advanced higher education studies pertaining to the doctoral domain are taught by teaching staff or researchers who are doctoral thesis advisors / certified doctoral thesis advisors, professors / CS I or lecturer / CS II, with proved expertise in the field of the study subjects they teach, or other specialists in the field who meet the standards established by the institution in relation with the aforementioned teaching and research functions, as provided by the law.*

The subjects of the training program based on advanced university studies related to the field are supported by professors who have the quality of doctoral/doctoral supervisor at USAMVCN, with proven expertise in the field of the subjects taught.

Recommendations: No recommendations

The indicator is fulfilled

Performance Indicator *A.3.1.4. *The percentage of doctoral thesis advisors who concomitantly coordinate more than 8 doctoral students, but no more than 12, who are themselves studying in doctoral programs³ does not exceed 20%.*

The distribution of doctoral students by PhD supervisor, according to their stage, is presented in Anexa A.3.1.4.. At the time of the evaluation, there is no PhD supervisor coordinating more than 12 doctoral students at the same time. The number of PhD students in the zootechnics field has had a downward trend in recent years due to the fact that some of the PhD supervisors have reached retirement age. REI page 49.

Recommendations: attracting more PhD students to the field of Animal Science

The indicator is fulfilled.

Standard A.3.2. The Doctoral advisors within the domain are carrying out a scientific activity visible at international level.

The PhD supervisors of SDSAI have a very rich scientific activity, contributing essentially to the prestige and international visibility of the university. The PhD supervisors in the field of Animal Science are recognized personalities in the academic and scientific world, being members of various prestigious organizations. The PhD professors are in permanent contact with the world of publishing and actively participate in the organising committees of various international conferences. In addition to all this, there is the international visibility conferred by publications in ISI-listed journals. PhD supervisors in the field of Animal Science have remarkable achievements in terms of the number and quality of their publications.

Performance Indicator A.3.2.1. *At least 50% of the doctoral thesis advisors in the evaluated domain have at least 5 Web of Science- or ERIH-indexed publications in magazines of impact, or other achievements of relevant significance for that domain, including international-level contributions that*

³ 3 years for the doctoral university studies with the duration stipulated at Article 159, paragraph (3), respectively 4 years for the doctoral university studies with the duration stipulated at Article 174, paragraph (3) of the Law of national education No.1/2011 with subsequent amendments and additions, with additional extension periods approved as per Article 39, paragraph (3) of the Code of doctoral studies approved by the GD No. 681/2011 with subsequent amendments and additions.

indicate progress in scientific research - development - innovation for the evaluated domain. The aforementioned doctoral thesis advisors enjoy international awareness within the past five years, consisting of: membership on scientific boards of international publications and conferences; membership on boards of international professional associations; guests in conferences or expert groups working abroad, or membership on doctoral defense commissions at universities abroad or co-leading with universities abroad. For Arts and Sports and Physical Education Sciences, doctoral thesis advisors shall prove their international visibility within the past five years by their membership on the boards of professional associations, membership in organizing committees of arts events and international competitions, membership on juries or umpire teams in artistic events or international competitions.

PhD supervisors in the field of Animal Science have a rich and internationally visible scientific activity, as shown in the Individual Standard Achievement Sheets Anexa A.3.1.1) and Anexa A.3.2.1 Vizibilitate conducători Zootehnie. Visibility of Animal Science supervisors. All PhD supervisors (100%) in the field have a minimum of 5 papers in Web of Science indexed journals, or/and have been members of editorial boards, have participated as invited speakers in scientific events and have been members of PhD committees. REI page 27.

Recommendations: *No recommendations*
The indicator is fulfilled

Performance Indicator *A.3.2.2. At least 50% of the doctoral thesis advisors in a specific doctoral study domain continue to be active in their scientific field, and acquire at least 25% of the score requested by the minimal CNATDCU standards in force at the time of the evaluation, which are required and mandatory for acquiring their enabling certificate, based on their scientific results within the past five years.

All PhD supervisors in the field of Animal Science (100 %) continue to be scientifically active and accumulate more than 100 % of the CNATDCU score for habilitation in the last 5 years, (REI page 27) and Anexei A.3.2.2.a.. The detailed presentation of the activity can be found in the file with the standard achievement sheets for the last 5 years Anexa A.3.2.2.b)

Recommendations: *No recommendations*
The indicator is fulfilled

Domain B. EDUCATIONAL EFFECTIVENESS

**general description of domain analysis.*

Criterion B.1. The number, quality and diversity of candidates enrolled for the admission contest

**general description of the criterion analysis.*

Standard B.1.1. The institution organizing doctoral studies has the capacity to attract candidates from outside the higher education institution or a number of candidates exceeding the number of seats available.

USAMVCN conducts a policy of informing potential candidates about all relevant data on admission, doctoral fields and the relationship of the graduate with the labour market. SDSAI is concerned to attract good quality PhD students, imposing since admission selection criteria: minimum average 8.00 at the bachelor's degree for budgeted places (arithmetic average of the years of study bachelor's degree minimum 8 and of the exam of completion of bachelor's degree minimum 8) and minimum overall average of 9.00 at the master's degree (arithmetic average of the years of study master's degree minimum 9 and of the exam of completion of master's degree minimum 9). Transparency and promotion of doctoral schools is ensured through information on the university website dedicated to this important activity for the functioning of the university <http://admitere.usamvcluj.ro/> on the doctoral school website as well as through the university facebook account <https://www.facebook.com/usamvcluj/>.

At least two months prior to admission, the number of places allocated and the topics put out to tender by the doctoral supervisors are posted on the doctoral school website. The lists of PhD supervisors, (<https://www.usamvcluj.ro/invatamant/doctorat/>). specialisations/areas of expertise and CVs (in Romanian and English) are also constantly updated <https://www.usamvcluj.ro/invatamant/doctorat/883-2/>) (REI page 11). SDSAI has succeeded each year in attracting more applicants than the number of places available, enrolling PhD students on a fee-paying basis (Romanian or foreign) or on a scholarship from the Romanian state (BSR).

Performance Indicator *B.1.1.1. *The ratio between the number of graduates of masters' programs of other higher education institutions, national or foreign, who have enrolled for the doctoral admission contest within the past five years and the number of seats funded by the state budget, put out through contest within the doctoral domain is at least 0.2 or the ratio between the number of candidates within the past five years and the number of seats funded by the state budget put out through contest within the doctoral studies domain is at least 1,2.*

For the period 2015-2019, the ratio between the number of places offered and the number of applicants is 1.33. (REI tab 16, page 51)

Recommendations: attracting more PhD students to the field of Animal Science from other higher education institutions in the country and abroad

The indicator is fulfilled

Standard B.1.2 Candidates admitted to doctoral studies demonstrate academic, research and professional performance.

In IOSUD USAMVCN, doctoral studies are carried out only for the scientific doctorate, on budgeted places or on fee-paying places, with attendance (with scholarship and without scholarship) and respectively with reduced attendance (without scholarship). For all forms of tuition, admission is organised annually, under

the conditions of the law, for both budgeted and fee-paid places or those financed from other sources. Doctoral schools are organized and operate within IOSUD with specialists who have acquired the status of doctoral supervisor, according to the law.

In order to attract the best candidates, the USAMVCN has imposed selection criteria that include both undergraduate and master's level graduation averages and language skills.

According to RU45 and the own regulations of the two doctoral schools, in order to apply to the admission competition for doctoral studies in IOSUD USAMV CN, in addition to the legal provisions, candidates must meet the following minimum requirements:

a) hold a master's degree or its equivalent, from the country and from abroad, according to art. 153 para. (2) of the National Education Law no. 1/2011.

b) they must have a minimum of 300 European transferable credits (ETC) in the bachelor's and master's degree courses;

c) **a minimum average of 8.00 at the bachelor's level for budgeted places** (arithmetic average of the minimum 8 years of bachelor's study and the minimum 8 years of the bachelor's degree completion exam) and **a minimum overall average of 9.00 at the master's level** (arithmetic average of the minimum 9 years of master's study and the minimum 9 years of the master's degree completion exam);

d) **a minimum average of 7.00 at the bachelor's level for fee-paying places** (arithmetic average of the minimum 7 years of bachelor's studies and of the minimum 7 bachelor's degree completion examination) and **a minimum overall average of 7 at the master's level** (arithmetic average of the minimum 7 years of master's studies and of the minimum 7 dissertation examination);

e) present a certificate of English language proficiency issued by faculties/departments/departments of educational institutions qualified for this purpose, **minimum level B2**, or internationally recognised language proficiency certificates (Cambridge, Toefl, etc.).

f) to submit an affidavit that he/she has not had any disciplinary offences during the years of study that have been sanctioned by the University Ethics Committee;

Performance Indicator *B.1.2.1. Admission to doctoral study programs is based on selection criteria including: previous academic, research and professional performance, their interest for scientific or arts/sports research, publications in the domain and a proposal for a research subject. Interviewing the candidate is compulsory, as part of the admission procedure.

Admission to the PhD program in USAMV CN is made according to the provisions of the Regulation on the organization and conduct of the admission competition in USAMVCN (<https://www.usamvcluj.ro/wp-content/uploads/2021/03/RU-45-Regulament-privind-organizarea-s%CC%A7i-desfa%CC%86s%CC%A7urarea-concursului-de-admitere-pentru-anul-universitar-2021-2022.pdf>), updated every academic year. The criteria mentioned below were applied throughout the reporting period.

The admission criteria are:

a) **½ average of graduation from undergraduate or bachelor and master studies;**

b) **½ mark obtained in an interview** regarding research experience, motivation for undertaking doctoral studies, development of a research project and testing of knowledge in the doctoral field. For the interview, the candidate completes Annex B.1.2.1.a Candidate Application Form. (REI page 52)

Recommendations: No recommendations

The indicator is fulfilled

Performance Indicator B.1.2.2. *The expelling rate, including renouncement / dropping out of doctoral students 3, respectively 4, years after admission⁴ does not exceed 30%.*

The rate of expulsion, including withdrawal, 3 years after the date of registration does not exceed 30% for the assessment period. A total of 5 students withdrew from doctoral studies, which represents 16.12 % for the total period (REI page 53, tab 18).

Recommendations: *No recommendations*

The indicator is fulfilled

Criterion B.2. The content of doctoral programs

Standard B.2.1. The training program based on advanced university studies is appropriate to improve doctoral students' research skills and to strengthen ethical behavior in science.

According to the Code of Doctoral Studies (HG 681/29.06.2011) the PhD program is carried out only within IOSUD under the coordination of a PhD supervisor and includes:

- a. **a training programme based on advanced university studies**, PSUA (first year);
- b. **an individual scientific research programme, PCS** (years II and III for Agricultural Engineering Sciences)

The programmes are centred on an active learning model geared towards the acquisition by the doctoral student of the competences required for academic specialisation through the doctorate

For the first year, the curriculum of the doctoral school contains a series of courses with scientifically appropriate content, updated according to the novelty of research in each field. Feedback from doctoral students is very important in improving the doctoral school's educational process and is mandatory under the new study contract. (REI page 19).

Performance Indicator B.2.1.1. *The training program based on advanced academic studies includes at least 3 disciplines relevant to the scientific research training of doctoral students; at least one of these disciplines is intended to study in-depth the research methodology and/or the statistical data processing.*

The training programme based on advanced university studies for doctoral students at SDSAI includes the following compulsory subjects common to all doctoral students:

1. Principles of research methodology in plant and animal resources engineering
2. Methodology of doctoral thesis elaboration
3. Scientific documentation
4. Preparation of scientific papers, oral presentations and posters
5. Design and management of research grants

⁴ 3 years for the doctoral university studies with the duration stipulated at Article 159, paragraph (3), respectively 4 years for the doctoral university studies with the duration stipulated at Article 174, paragraph (3) of the Law of national education No. 1/2011 with subsequent amendments and additions.

6. Ethics and academic integrity. (REI page 54).

The types of activities (lectures, seminars, practical work, project), the number of hours and credits allocated to each subject, the form of examination and the content of the subjects are available in Anexa 9. Plan de Învățământ SDSAI and in Anexa 10. Fisele Disciplinelor PSUA.

Recommendations: No recommendations

The indicator is fulfilled.

Performance Indicator B.2.1.2. *At least one discipline is dedicated to Ethics and Intellectual Property in scientific research or there are well-defined topics on these subjects within a discipline taught in the doctoral program.*

The SDSAI PSUA Syllabus contains the discipline of Ethics and Academic Integrity, a compulsory discipline obligatorie (Anexa 9. Plan de Învățământ SDSAI; Anexa 10. Fisele Disciplinelor PSUA).REI pag. 54.

Recommendations: No recommendations

The indicator is fulfilled

Performance Indicator B.2.1.3. *The IOSUD has mechanisms to ensure that the academic training program based on advanced university studies addresses „the learning outcomes”, specifying the knowledge, skills, responsibility and autonomy that doctoral students should acquire after completing each discipline or through the research activities⁵.*

The training programme based on advanced undergraduate studies, through the subject sheets, clearly highlights the skills, knowledge and autonomy acquired by doctoral students.

The specific professional and transversal competences are highlighted in the subject sheets included in the annual curricula of the SAI Doctoral School. The training programme based on advanced university studies at IOSUD-USAMVCN is based on a learning pathway, demonstrated by the existence of the sheets drawn up for each discipline in the curriculum. The subject sheet is a guiding document for the doctoral student, in the structure of which the total number of hours of individual study, the number of credits, the specific competences acquired, the objectives, the content, the evaluation methods, the correlation of the content of the subject with the requirements of the employers are distinguished.

Recommendations: No recommendations

The indicator is fulfilled

⁵ Or by what the graduate should know, understand and to be able to do, according to the provisions of the Methodology of 17 March 2017 regarding inscription and registration of higher education qualifications in the National Register of Qualifications in Higher Education (RNCIS) approved by the Order No.3475/2017 with subsequent amendments and additions.

Performance Indicator B.2.1.4. *All along the duration of the doctoral training, doctoral students in the domain receive counselling/guidance from functional guidance commissions, which is reflected in written guidance and feedback or regular meeting.*

Throughout the doctoral training period, PhD students in the field of Animal Science benefit, in addition to the coordination provided by the scientific supervisor, from the advice/supervision of functional supervision committees, established at the time of registration of PhD students and stipulated in the contract of studies ([Anexa B.2.1.4 Comisii de îndrumare Zootehnie](#)). The involvement of the mentoring committee in advising doctoral students takes the form of written feedback and regular meetings, at least once a year, finalized by the signing of minutes, which form part of the doctoral student's file. The activities of the mentoring committee are complementary to those provided by the PhD supervisor. REI page 56.

Recommendations: No recommendations

The indicator is fulfilled

Performance Indicator B.2.1.5. *For a doctoral study domain, the ratio between the number of doctoral students and the number of teaching staff/researchers providing doctoral guidance must not exceed 3:1.*

The 36 PhD students enrolled between 1.10.2015 and 30.9.2020 are supervised by 31 teachers, most of them from USAMVCN. [Anexa B.2.1.5.](#) REI page 56.

Recommendations: No recommendations

The indicator is fulfilled

Criterion B.3. The results of doctoral studies and procedures for their evaluation.

Standard B.3.1. *Doctoral students capitalize on the research through presentations at scientific conferences, scientific publications, technological transfer, patents, products and service orders.*

The exploitation of the results of the doctoral studies in accordance with the specific field of study was materialized in the participation of doctoral students in national and international conferences in the field, publication of scientific papers in journals with ISI impact factor, ISI indexed, in international databases BDI. The detailed lists of publications made by doctoral students are presented in [Anexa B.3.1.1](#). Scientific activity (publications, participation in conferences, involvement in research projects, citations, and other activities) can be viewed for each doctoral candidate on the Intranet.REI platform page 28.

Performance Indicator B.3.1.1. *For the evaluated domain, the evaluation commission will be provided with at least one paper or some other relevant contribution per doctoral student who has obtained a doctor's title within the past 5 years. From this list, the members of the evaluation commission shall*

randomly select 5 such papers / relevant contributions per doctoral study domain for review. At least 3 selected papers must contain significant original contributions in the respective domain.

In Anexa B.3.1.1. Lista lucrărilor doctoranzilor din domeniul Zootehnie presents the work of doctoral students who obtained their doctoral degree during the evaluated period (1.10.2015-30.09.2020). For each PhD student who defended their thesis there is at least one paper in PDF format.

Recommendations: No recommendations
The indicator is fulfilled

Performance Indicator *B.3.1.2. *The ratio between the number of presentations of doctoral students who completed their doctoral studies within the evaluated period (past 5 years), including posters, exhibitions made at prestigious international events (organized in the country or abroad) and the number of doctoral students who have completed their doctoral studies within the evaluated period (past 5 years) is at least 1.*

Doctoral students who have obtained the PhD title in the field of animal science have participated in prestigious international events, where they have presented oral or poster papers. Anexa B.3.1.2. Participări la conferințe doctoranzi Zootehnie. There were **71 conference participations for 18 theses defended** during the reporting period, so the ratio is **3.94, > 1**.

Recommendations: No recommendations
The indicator is fulfilled

Standard B.3.2. The Doctoral School engages a significant number of external scientific specialists in the commissions for public defense of doctoral theses in the analyzed domain.

Doctoral studies end with the public defence of a work, called a doctoral thesis, which is the result of the research work carried out by the doctoral student during the doctoral studies. The choice, composition and composition of the doctoral committee is regulated by the rules of the doctoral school. The evaluation and defence of the doctoral thesis is carried out according to the Regulations for the completion of studies, including the procedure for the public defence of the thesis in IOSUD USAMV CN.

Performance Indicator *B.3.2.1. *The number of doctoral theses allocated to one specialist coming from a higher education institution, other than the evaluated IOSUD should not exceed two (2) in a year for the theses coordinated by the same doctoral thesis advisor.*

In the period 2015-2020, 18 PhD theses were defended in the field of Animal Science. The number of doctoral theses assigned to a particular supervisor from a higher education institution other than IOSUD to the same PhD supervisor does not exceed two (2) during a year. (Anexa B.3.2.1. Referenți externi teze Zootehnie).

Recommendations: No recommendations

The indicator is fulfilled

Performance Indicator *B.3.2.2. *The ratio between the doctoral theses allocated to one scientific specialist coming from a higher education institution, other than the institution where the defense on the doctoral thesis is organized, and the number of doctoral theses presented in the same doctoral study domain in the doctoral school should not exceed 0.3, considering the past five years. Only those doctoral study domains in which minimum ten doctoral theses have been presented within the past five years should be analyzed.*

The ratio between the number of PhD theses assigned to a specific scientific referee from another IOSUD and the number of PhD theses defended within the PhD field of Animal Science at IOSUD-USAMV CN varies between 0.05 and 0.27 (exception one referee (0.44), in the period 2015-2020.

Recommendations: reduction of the number of doctoral theses assigned to a scientific advisor from other higher education institutions. To involve as many national and international referees as possible in the PhD thesis committees.

The indicator is fulfilled

Domain C. QUALITY MANAGEMENT

Criterion C.1. Existence and periodic implementation of the internal quality assurance system

Standard C.1.1. There are an institutional framework and procedures in place and relevant internal quality assurance policies, applied for monitoring the internal quality assurance.

Ensuring the quality of agricultural higher education is a necessity in the general context of the modernisation of higher education in Romania. In the Strategic Plan of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, quality occupies a central place and follows a continuous process of improvement. One of the components of the University's quality mission is the assurance of excellence, both in teaching and research, in a wide range of specialisations. The University aims to achieve this excellence in an intellectually stimulating internal climate for both doctoral students and teaching staff, which is in line with national and international requirements. Since 2008, the Department for Quality Assurance (DQA) <http://dac.usamvcluj.ro/ORGANIGRAMA%20DAC-%2008.05.2020.pdf>) has been established in the university.

The Department for Quality Assurance has its own regulations ([RU 14](#)).

The institutional structure of quality assurance in USAMV Cluj-Napoca is <https://dac.usamvcluj.ro/responsabili.php>. The Commission for Quality Assessment and Assurance

(CEAC) at university level is constituted according to the legislation in force (<http://dac.usamvcluj.ro/consiliu.php>).

At SDSAI level there is a Commission for Quality Assessment and Assurance (CEACSD) and a procedure for internal evaluation and monitoring of doctoral schools PO-125 (http://dac.usamvcluj.ro/proceduri_operationale.php). According to this procedure, for each doctoral field a doctoral supervisor is appointed, who is responsible for the annual collection and analysis of data on the work of doctoral supervisors and doctoral students in the field. The Manual of the Integrated Quality Management System contains a procedure on the basis of which, on an annual basis, regular monitoring and evaluation of the study programmes is carried out (PO-117). IRR pages 29-30.

Performance Indicator C.1.1.1. *The Doctoral school in the respective university study domain shall demonstrate the continuous development of the evaluation process and its internal quality assurance following a procedure developed and applied at the level of the IOSUD, the following assessed criteria being mandatory:*

- (a) the scientific work of Doctoral advisors;*
- (b) the infrastructure and logistics necessary to carry out the research activity;*
- (c) the procedures and subsequent rules based on which doctoral studies are organized;*
- d) the scientific activity of doctoral students;*
- e) the training program based on advanced academic studies of doctoral students;*
- f) social and academic services (including for participation at different events, publishing papers etc.) and counselling made available to doctoral students.*

IOSUD-USAMV CN has implemented and applies a procedure for internal evaluation and monitoring of the development of doctoral schools (Procedura de evaluare și monitorizare internă a școlilor doctorale PO-125).

The allocation of doctoral places is based on the scientific performance of doctoral supervisors is based on the analysis at the doctoral school level of the presentation sheets of doctoral supervisors (Anexa C.1.1.1. Fisa de prezentare conducator de doctorat admitere 2020-2021). The annual evaluation of the activity of PhD supervisors and PhD students can be viewed on the Intranet system. The structures responsible for monitoring internal quality assurance are the Commission for Evaluation and Quality Assurance at doctoral school level (CEACSD) and the Commission for Evaluation and Quality Assurance (CEAC) at university level, which includes a representative of the doctoral schools (<http://dac.usamvcluj.ro/responsabili.php>; <http://dac.usamvcluj.ro/consiliu.php>).

Recommendations: No recommendations

The indicator is fulfilled

Performance Indicator *C.1.1.2. *Mechanisms are implemented during the stage of the doctoral study program to enable feedback from doctoral students allowing to identify their needs, as well as their overall level of satisfaction with the doctoral study program in order to ensure continuous improvement of the*

academic and administrative processes. Following the analysis of the results, there is evidence that an action plan was drafted and implemented.

Doctoral students assess their level of satisfaction with the learning environment by completing an online questionnaire.

Questionnaire to assess the level of satisfaction with the learning environment https://docs.google.com/forms/d/e/1FAIpQLSczU8wQLp2yYJw6fTaU_BU3SaZlcHxy_E4G6rb8iGDz1R2M7g/viewform).

Examples of the use of the satisfaction questionnaire analysis to improve academic processes are presented in Anexa C.1.2.2. Procese verbale CEACSD.

Recommendations: No recommendations

The indicator is fulfilled

Criterion C.2. Transparency of information and accessibility of learning resources

The University provides, through the University website (www.usamvcluj.ro), the faculty websites, the Doctoral Schools website, up-to-date and accurate quantitative and/or qualitative information and data on qualifications, study programmes, degrees, teaching and research staff, student facilities and other matters of interest to the public in general and to students in particular. The university website also publishes all decisions of the Administrative Council/Senate/CSUD. Access to information of public interest is ensured through the Information and Institutional Transparency Centre, which appears in the organisational chart of USAMV Cluj-Napoca with the aim of ensuring free and unrestricted student access to information of public interest. (<https://www.usamvcluj.ro/universitatea/documente-publice/443-2/>). The University publishes on its website fundamental documents such as the University Charter, the Code of Ethics, regulations in force, annual reports, financial resources, procurement, etc.

Standard C.2.1. Information of interest to doctoral students, future candidates and public interest information is available for electronic format consultation.

IOSUD provides applicants with all information of public interest describing the operation of the doctoral schools on the University website <https://www.usamvcluj.ro/>

Performance Indicator C.2.1.1. *The IOSUD publishes on the website of the organizing institution, in compliance with the general regulations on data protection, information such as:*

- (a) the Doctoral School regulation;*
- (b) the admission regulation;*
- (c) the doctoral studies contract;*
- (d) the study completion regulation including the procedure for the public presentation of the thesis;*
- (e) the content of training program based on advanced academic studies;*
- (f) the academic and scientific profile, thematic areas/research themes of the Doctoral advisors within the domain, as well as their institutional contact data;*

(g) the list of doctoral students within the domain with necessary information (year of registration; advisor);

(h) information on the standards for developing the doctoral thesis;

(i) links to the doctoral theses' summaries to be publicly presented and the date, time, place where they will be presented; this information will be communicated at least twenty days before the presentation.

All rules, methodologies and regulations concerning the organisation and conduct of doctoral studies, as well as other information of public interest, are available on the University's website in <https://www.usamvcluj.ro/> compliance with the regulations on the protection of personal data.

Recommendations: No recommendations

The indicator is fulfilled

Standard C.2.2. The IOSUD/The Doctoral School provides doctoral students with access to the resources needed for conducting doctoral studies.

IOSUD - USAMV CN supports the research activity of PhD students in the fields of **Agronomy, Horticulture, Animal Science, Biotechnologies and Engineering and Management in Agriculture and Rural Development** by paying special attention to equipping the research infrastructure (laboratories, research centres, research platforms) at the highest level and allocates financial resources to the participation of PhD students in national and international scientific events, mobilities, collaboration agreements.

Performance Indicator C.2.2.1. *All doctoral students have free access to one platform providing academic databases relevant to the doctoral studies domain of their thesis.*

USAMV Cluj Napoca is a partner of the ANELIS+ project (<https://www.enformation.ro/>) All PhD students have free access to the databases via the Internet (web interface), by authenticating the public IP addresses of the subscribing institution, 24 hours a day. Access to the platforms is free of charge and can also be used outside the institution for users who have an Enformation account, or from a mobile phone (Anexa A.2.1.1. Acces la baze de date).

Recommendations: No recommendations

The indicator is fulfilled

Performance Indicator C.2.2.2. *Each doctoral student shall have access, upon request, to an electronic system for verifying the degree of similarity with other existing scientific or artistic works.*

All USAMVCN PhD students have access to the electronic system for checking the degree of similarity sistemantiplagiat.ro (<https://sistemantiplagiat.ro/despre-sistem/>) available at the secretariat of the doctoral school. (Anexa 6– Softul sistem antiplagiat)

Recommendations: No recommendations
The indicator is fulfilled

Performance Indicator C.2.2.3. *All doctoral students have access to scientific research laboratories or other facilities depending on the specific domain/domains within the Doctoral School, according to internal order procedures.*

All USAMCN PhD students have unrestricted access to the entire research infrastructure of the university, depending on the specific field. The Regulations of the Institute of Life Sciences (ISV) allow access to PhD students and regulate how PhD students can carry out scientific research activities under the supervision of the PhD supervisor or other teachers and researchers (Art. 3, Art. 7 paragraph 5) ([RU 56](#)). The ICHAT Regulation ([RU 57](#)) lays down the conditions for access for doctoral candidates. Access of academics and PhD students to the research infrastructure is also regulated by the operational procedure [PO-124](#).

Recommendations: No recommendations
The indicator is fulfilled

Criterion C.3. Internationalization

Standard C.3.1. There is a strategy in place and it is applied to enhance the internationalization of doctoral studies.

IOSUD USAMVCN has a strategy for increasing internationalization. It is affiliated to the EUA Doctoral Council (CDE Member Directory, individual full member), is part of the EUA working group for cotutelle doctorates and participates in the Erasmus+ and AUF programme. Within the EUA cotutelle group ([Anexa 3.1a. Acceptance Letter Cluj TPG cotutelle](#)) USAMVCN was selected on the basis of an application and participated through CSUD director Adela Pinteau, IOSUD won CEI Cooperation unit funding for the organisation of the Danube Future Interdisciplinary School for PhD students and postdocs: "2020: Sustainable development in the Danube River Basin. Where we are and how we tackle future challenges?" [Anexa C.3.1.c](#)).

Performance Indicator *C.3.1.1. *IOSUD, for every evaluated domain, has concluded mobility agreements with universities abroad, with research institutes, with companies working in the field of study, aimed at the mobility of doctoral students and academic staff (e.g., ERASMUS agreements for the doctoral studies). At least 35% of the doctoral students have completed a training course abroad or other mobility forms such as attending international scientific conferences. IOSUD drafts and applies policies and measures aiming at increasing the number of doctoral students participating at mobility periods abroad, up to at least 20%, which is the target at the level of the European Higher Education Area.*

USAMVCN has international agreements with 38 foreign universities, mostly in the European Union ([Anexa C.3.1.1a Acorduri de colaborare](#)) USAMV Cluj-Napoca

encourages and supports mobility, both incoming and outgoing, both for students, but also for teaching staff, researchers and staff of the University administration.

In the PhD field - **Animal Science**, **4 PhD** students enrolled during the reporting period benefited from Erasmus placements. A number of **16 PhD students** participated in international conferences and symposia in the field of zootechnics and 1 PhD student participated in a training internship in Germany through the POSDRU project - PROIECT 159/1.5/S/132765. PhD students participated in **71 international conferences**. Through ERASMUS mobilities and international conferences attended by PhD students in the field of Animal Science, the target is reached (more than 20%) at the European Higher Education Area level (Anexa C.3.1.1.c Mobilitati doctoranzi)

Recommendations: *increase the number of doctoral students who will benefit from Erasmus mobility.*

The indicator is fulfilled

Performance Indicator C.3.1.2. *In the evaluated doctoral study domain, support is granted, including financial support, to the organization of doctoral studies in international co-tutelage or invitation of leading experts to deliver courses/lectures for doctoral students.*

IOSUD USAMV CN supports the invitation of experts to give lectures to PhD students. Thus Prof. Dr. Mariantonietta Fiore gave an optional lecture (4 hours) for all IOSUD PhD students during the academic year 2020/2021 (including the field of **Animal Science**). Within the field of **Animal Science**, through the ERASMUS programme, Emilio Caprio from Italy, Università di Napoli gave lectures during the academic year 2019-2020 (Anexa C.3.1.2 Invitati). At the time of the submission of the report there are no co-authored theses, but efforts are being made to achieve them

Recommendations: *to carry out cotutelle PhDs and increase the number of professors invited to give lectures*

The indicator is fulfilled

Performance Indicator C.3.1.3. *The internationalization of activities carried out during the doctoral studies is supported by IOSUD through concrete measures (e.g., by participating in educational fairs to attract international doctoral students; by including international experts in guidance committees or doctoral committees etc.).*

USAMVCN has participated, in the period 2015-2020, in several international exhibitions and fairs, where it promoted the academic offer of the Doctoral School. PhD supervisors in the field coordinated internships of PhD students or postdocs through the Eugen Ionesco Programme. At present, no international experts have been included in the SDSAI/**Animal Sciences** in the committees for the supervision or the defence of PhD theses.

Recommendations: the inclusion of international experts in committees for supervising or defending doctoral theses
The indicator is fulfilled

IV. SWOT Analysis

<p><u>Strengths:</u></p> <ul style="list-style-type: none"> - Quality teaching staff with extensive teaching and scientific experience; - Quality and varied equipment allowing for interdisciplinary research -Obtaining diverse economic resources to help finance doctoral students. -High degree of satisfaction of employers with the quality of PhD graduates in the field of Animal Science, -There is a constant concern that the doctoral student-doctoral supervisor relationship is carried out in the best conditions, with respect for ethics and academic integrity. 	<p><u>Weaknesses:</u></p> <ul style="list-style-type: none"> Reduce number of PhD students in the fields of Animal Science. Reduced number of PhD students who benefit from training internships abroad and who carry out Erasmus-type mobility. Low employability of PhD graduates in private companies. Low number of doctoral students in cotutelle
<p><u>Opportunities:</u></p> <p>Doctoral students have free access to scientific research laboratories and to a platform with academic databases relevant to the fields of the doctoral studies organised, according to internal regulations.</p> <p>The Doctoral School, through research grants obtained on the basis of national competition, will provide doctoral students with opportunities to train, develop and hone entrepreneurial skills.</p> <p>Possibility to develop partnerships with the socio-economic environment in order to integrate graduates into the labour market after graduation;</p> <p>Continued concern to improve research topics in line with changes in the labour market;</p> <p>Existence of research groups with international visibility, which allows access to grants for the financial support of PhD students.</p>	<p><u>Threats:</u></p> <ul style="list-style-type: none"> Reduced duration of doctoral studies (3 years) which sometimes does not allow the timely completion of doctoral theses; Excessive number of theses assigned to a scientific advisor. Low number of habilitations held by animal science teachers

V. Overview of judgments awarded and of the recommendations

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
1.	PI	<p>A.1.1.1. The existence of specific regulations and their application at the level of the Doctoral School of the respective university doctoral study domain:</p> <p>a) the internal regulations of the Doctoral School;</p> <p>b) the Methodology for conducting elections for the position of director of the Council of doctoral school (CSD), as well as elections by the students of their representative in CSD and the evidence of their conduct;</p> <p>c) the Methodologies for organizing and conducting doctoral studies (for the admission of doctoral students, for the completion of doctoral studies);</p> <p>d) the existence of mechanisms for recognizing the status of a Doctoral advisor and the equivalence of the doctoral degree obtained abroad;</p> <p>e) functional management structures (Council of the doctoral school), giving as well proof of the regularity of meetings;</p> <p>f) the contract for doctoral studies;</p> <p>g) internal procedures for the analysis and approval of proposals regarding the training for doctoral study programs based on advanced academic studies.</p>	Accomplished	
2.	PI	<p>A.1.1.2. The doctoral school' Regulation includes mandatory criteria, procedures and standards binding on the aspects specified in Article 17, paragraph (5) of the Government Decision No. 681/2011 on the approval of the Code of Doctoral Studies with subsequent amendments and additions.</p>	Accomplished	

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
3.	PI	A.1.2.1. The existence and effectiveness of an appropriate IT system to keep track of doctoral students and their academic background.	Accomplished	
4.	PI	A.1.2.2. The existence and use of an appropriate software program and evidence of its use to verify the percentage of similarity in all doctoral theses.	Accomplished	
5.	IP	A.1.3.1. Existence of at least one research or institutional / human resources development grant under implementation at the time of submission of the internal evaluation file, per doctoral study domain under evaluation, or existence of at least 2 research or institutional development / human resources grant for the doctoral study domain, obtained by doctoral thesis advisors operating in the evaluated domain within the past 5 years. The grants address relevant themes for the respective domain and, as a rule, are engaging doctoral students.	Accomplished	<i>increase the number of research grants coordinated by PhD supervisors</i>
6.	PI *	A.1.3.2. The percentage of doctoral students active at the time of the evaluation, who for at least six months receive additional funding sources besides government funding, through scholarships awarded by individual persons or by legal entities, or who are financially supported through research or institutional / human resources development grants is not less than 20%.		
7.	PI *	A.1.3.3. At least 10% of the total amount of doctoral grants obtained by the university through institutional contracts and of tuition fees collected from the doctoral	Accomplished	

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
		students enrolled in the paid tuition system is used to reimburse professional training expenses of doctoral students (attending conferences, summer schools, training, programs abroad, publication of specialty papers or other specific forms of dissemination etc.).		
8.	CPI	A.2.1.1. The venues and the material equipment available to the doctoral school enable the research activities in the evaluated domain to be carried out, in line with the assumed mission and objectives (computers, specific software, equipment, laboratory equipment, library, access to international databases etc.). The research infrastructure and the provision of research services are presented to the public through a specific platform. The research infrastructure described above, which was purchased and developed within the past 5 years will be presented distinctly	Accomplished	
9.	CPI	A.3.1.1. Minimum three doctoral thesis advisors within that doctoral domain, and at least 50% of them (but no less than three) meet the minimum standards of the National Council for Attestation of University Degrees, Diplomas and Certificates (CNATDCU) in force at the time when the evaluation is carried out, which standards are required and mandatory for obtaining the enabling certification.	Accomplished	
10.	PI *	A.3.1.2. At least 50% of all doctoral advisors have a full-time employment contract for an indefinite period with the IOSUD.	Partially accomplished	increase in the number of PhD supervisors in USAMVCN
11.	PI	A.3.1.3. The study subjects in the education program based on	Accomplished	

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
		advanced higher education studies pertaining to the doctoral domain are taught by teaching staff or researchers who are doctoral thesis advisors / certified doctoral thesis advisors, professors / CS I or lecturer / CS II, with proved expertise in the field of the study subjects they teach, or other specialists in the field who meet the standards established by the institution in relation with the aforementioned teaching and research functions, as provided by the law.		
12.	PI *	A.3.1.4. The percentage of doctoral thesis advisors who concomitantly coordinate more than 8 doctoral students, but no more than 12, who are themselves studying in doctoral programs does not exceed 20%.	Accomplished	attracting more PhD students to the field of Animal Science
13.	CPI	A.3.2.1. At least 50% of the doctoral thesis advisors in the evaluated domain have at least 5 Web of Science- or ERIH-indexed publications in magazines of impact, or other achievements of relevant significance for that domain, including international-level contributions that indicate progress in scientific research - development - innovation for the evaluated domain. The aforementioned doctoral thesis advisors enjoy international awareness within the past five years, consisting of: membership on scientific boards of international publications and conferences; membership on boards of international professional associations; guests in conferences or expert groups working abroad, or membership on doctoral defense commissions at	Accomplished	

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
		universities abroad or co-leading with universities abroad. For Arts and Sports and Physical Education Sciences, doctoral thesis advisors shall prove their international visibility within the past five years by their membership on the boards of professional associations, membership in organizing committees of arts events and international competitions, membership on juries or umpire teams in artistic events or international competitions.		
14.	PI *	A.3.2.2. At least 50% of the doctoral thesis advisors in a specific doctoral study domain continue to be active in their scientific field, and acquire at least 25% of the score requested by the minimal CNATDCU standards in force at the time of the evaluation, which are required and mandatory for acquiring their enabling certificate, based on their scientific results within the past five years	Accomplished	
15.	PI *	B.1.1.1. The ratio between the number of graduates of masters' programs of other higher education institutions, national or foreign, who have enrolled for the doctoral admission contest within the past five years and the number of seats funded by the state budget, put out through contest within the doctoral domain is at least 0.2 or the ratio between the number of candidates within the past five years and the number of seats funded by the state budget put out through contest within the doctoral studies domain is at least 1,2.	Accomplished	attracting more PhD students to the field of Animal Science from other higher education institutions in the country and abroad
16.	PI *	B.1.2.1. Admission to doctoral study programs is based on selection criteria including: previous academic, research and	Accomplished	

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
		professional performance, their interest for scientific or arts/sports research, publications in the domain and a proposal for a research subject. Interviewing the candidate is compulsory, as part of the admission procedure.		
17.	PI	B.1.2.2. The expelling rate, including renouncement / dropping out of doctoral students 3, respectively 4, years after admission does not exceed 30%.	Accomplished	
18.	PI	B.2.1.1. The training program based on advanced academic studies includes at least 3 disciplines relevant to the scientific research training of doctoral students; at least one of these disciplines is intended to study in-depth the research methodology and/or the statistical data processing.	Accomplished	
19.	PI	B.2.1.2. At least one discipline is dedicated to Ethics and Intellectual Property in scientific research or there are well-defined topics on these subjects within a discipline taught in the doctoral program.	Accomplished	
20.	PI	B.2.1.3. The IOSUD has mechanisms to ensure that the academic training program based on advanced university studies addresses „the learning outcomes”, specifying the knowledge, skills, responsibility and autonomy that doctoral students should acquire after completing each discipline or through the research activities.	Accomplished	
21.	PI	B.2.1.4. All along the duration of the doctoral training, doctoral students in the domain receive counselling/guidance from functional guidance commissions, which is reflected in written	Accomplished	

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
		guidance and feedback or regular meeting.		
22.	CPI	B.2.1.5. For a doctoral study domain, the ratio between the number of doctoral students and the number of teaching staff/researchers providing doctoral guidance must not exceed 3:1.	Accomplished	
23.	CPI	B.3.1.1. For the evaluated domain, the evaluation commission will be provided with at least one paper or some other relevant contribution per doctoral student who has obtained a doctor's title within the past 5 years. From this list, the members of the evaluation commission shall randomly select 5 such papers / relevant contributions per doctoral study domain for review. At least 3 selected papers must contain significant original contributions in the respective domain	Accomplished	
24.	PI *	B.3.1.2. The ratio between the number of presentations of doctoral students who completed their doctoral studies within the evaluated period (past 5 years), including posters, exhibitions made at prestigious international events (organized in the country or abroad) and the number of doctoral students who have completed their doctoral studies within the evaluated period (past 5 years) is at least 1.	Accomplished	
25.	PI *	B.3.2.1. The number of doctoral theses allocated to one specialist coming from a higher education institution, other than the evaluated IOSUD should not exceed two (2) in a year for the theses coordinated by the same doctoral thesis advisor.	Accomplished	

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
26.	PI *	B.3.2.2. The ratio between the doctoral theses allocated to one scientific specialist coming from a higher education institution, other than the institution where the defense on the doctoral thesis is organized, and the number of doctoral theses presented in the same doctoral study domain in the doctoral school should not exceed 0.3, considering the past five years. Only those doctoral study domains in which minimum ten doctoral theses have been presented within the past five years should be analyzed.	Accomplished	reduction of the number of doctoral theses assigned to a scientific advisor from other higher education institutions
27.	PI	C.1.1.1. The Doctoral school in the respective university study domain shall demonstrate the continuous development of the evaluation process and its internal quality assurance following a procedure developed and applied at the level of the IOSUD, the following assessed criteria being mandatory: a) the scientific work of Doctoral advisors; b) the infrastructure and logistics necessary to carry out the research activity; c) the procedures and subsequent rules based on which doctoral studies are organized; d) the scientific activity of doctoral students; e) the training program based on advanced academic studies of doctoral students; f) social and academic services (including for participation at different events, publishing papers etc.) and counselling made available to doctoral students.	Accomplished	
28.	PI *	C.1.1.2. Mechanisms are implemented during the stage of the doctoral study program to	Accomplished	

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
		enable feedback from doctoral students allowing to identify their needs, as well as their overall level of satisfaction with the doctoral study program in order to ensure continuous improvement of the academic and administrative processes. Following the analysis of the results, there is evidence that an action plan was drafted and implemented.		
29.	CPI	<p>C.2.1.1. The IOSUD publishes on the website of the organizing institution, in compliance with the general regulations on data protection, information such as:</p> <ul style="list-style-type: none"> a) the Doctoral School regulation; b) the admission regulation; c) the doctoral studies contract; d) the study completion regulation including the procedure for the public presentation of the thesis; e) the content of training program based on advanced academic studies; f) the academic and scientific profile, thematic areas/research themes of the Doctoral advisors within the domain, as well as their institutional contact data; g) the list of doctoral students within the domain with necessary information (year of registration; advisor); h) information on the standards for developing the doctoral thesis; i) links to the doctoral theses' summaries to be publicly presented and the date, time, place where they will be presented; this information will be communicated at least twenty days before the presentation. 	Accomplished	
30.	PI	C.2.2.1. All doctoral students have free access to one platform providing academic databases	Accomplished	

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
		relevant to the doctoral studies domain of their thesis.		
31.	PI	C.2.2.2. Each doctoral student shall have access, upon request, to an electronic system for verifying the degree of similarity with other existing scientific or artistic works.	Accomplished	
32.	PI	C.2.2.3. All doctoral students have access to scientific research laboratories or other facilities depending on the specific domain/domains within the Doctoral School, according to internal order procedures.	Acomplished	
33.	PI *	C.3.1.1. IOSUD, for every evaluated domain, has concluded mobility agreements with universities abroad, with research institutes, with companies working in the field of study, aimed at the mobility of doctoral students and academic staff (e.g., ERASMUS agreements for the doctoral studies). At least 35% of the doctoral students have completed a training course abroad or other mobility forms such as attending international scientific conferences. IOSUD drafts and applies policies and measures aiming at increasing the number of doctoral students participating at mobility periods abroad, up to at least 20%, which is the target at the level of the European Higher Education Area.	Accomplished	<i>increase the number of doctoral students who will benefit from Erasmus mobility</i>
34.	PI	C.3.1.2. In the evaluated doctoral study domain, support is granted, including financial support, to the organization of doctoral studies in international co-tutelage or invitation of leading experts to deliver courses/lectures for doctoral students.	Accomplished	<i>to carry out cotutelle PhDs and increase the number of professors invited to give lectures</i>

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
35.	PI	C.3.1.3. The internationalization of activities carried out during the doctoral studies is supported by IOSUD through concrete measures (e.g., by participating in educational fairs to attract international doctoral students; by including international experts in guidance committees or doctoral committees etc.).	Accomplished	<i>the inclusion of international experts in committees for supervising or defending doctoral theses</i>

The recommendations contained in the report shall be resumed in the indicators' analysis. Other general recommendations may be made that do not fit within a particular indicator.

VERY IMPORTANT!!! – *Each identified weakness must be correlated with at least one recommendation to improve the situation!*

VI. Conclusions and general recommendations

In general, PhD studies in the field of ANIMAL SCIENCES are well structured and have an adequate research infrastructure and doctoral supervisors with experience in the field to provide PhD students with good training in this scientific field.

It must be highlighted the infrastructure, the teaching and scientific organization contribute to a good educational development.

The number of PhD supervisors and the number of professors invited to give lectures should be increased. Furthermore, the research grants coordinated by PhD supervisors should be increased.

It would be interesting to include international experts in committees for supervising or defending doctoral theses.

These doctoral studies in ANIMAL SCIENCE influence graduates by increasing their professional prestige and which employers value with a high degree of satisfaction.

There are two weak points I ANIMAL SCIENCE doctoral studies:

- a) A reduced number of PhD students in this field.*
- b) Internationalization. This should be improved not only through the development of a specific strategic plan at the IOSUD level, with sufficient financial and institutional support, but also by motivational campaigns among doctoral students.*

VIII. ANNEXS

*The timetable of the institutional evaluation visit - IOSUD / doctoral study domains at
University of Agriculture Sciences and Veterinary Medicine from Cluj-Napoca*

The evaluation period: 01.11.2021 - 05.11.2021

*Periodical External Evaluation of the Institution Organising Doctoral Study
Programs (IOSUD), and of the doctoral study domains (DSD)*

Intervalul orar / (Bucharest time)	Activitate / <i>Activity</i>	Participanți / <i>Participants</i>	Observații / Responsabil <i>Comments / Responsible</i>
Luni / <i>Monday, 01.11.2021</i>			
09:00- 09:45	Întâlnire preliminară online pentru pregătirea și armonizarea etapelor de evaluare, în modul mixt, la nivel de domenii de doctorat și IOSUD <i>Online preliminary meeting for the</i>	Comisia de evaluare IOSUD/domenii <i>IOSUD evaluation panel</i> - toți membrii echipei de evaluare	Înregistrare audio-video/ platforma Zoom ARACIS <i>Audio-video recording /ARACIS Zoom platform</i> Join Zoom Meeting

Intervalul orar / (Bucharest time)	Activitate / <i>Activity</i>	Participanți / <i>Participants</i>	Observații / Responsabil <i>Comments / Responsible</i>
	<i>preparation and harmonization of evaluation steps, in hybrid mode, of doctoral study domains and IOSUD</i>	<i>all evaluation panel members</i>	https://us02web.zoom.us/j/88562647728?pwd=RUUrZVp2NEU2UVYzaVJNakZSR3BLQT09 Meeting ID: 885 6264 7728 Passcode: 357393
10:00- 10:45	<p>Întâlnirea online a comisiei de experți evaluatori cu reprezentanții conducerii USAMVCjN și ai CSUD</p> <p><i>Online meeting with representatives of the institution and of the Council for Academic Doctoral Studies (CSUD)</i></p>	<p>Comisia de evaluare IOSUD/domenii</p> <p><i>IOSUD/domains evaluation panel</i></p> <p>- toți membrii echipei de evaluare</p> <p><i>all evaluation panel members</i></p> <p>- reprezentanți ai conducerii USAMVCjN</p> <p><i>representatives of the University's management</i></p> <p>- reprezentanți ai CSUD și ai școlii/școlilor doctorale</p> <p><i>representatives of the CSUD and of the Doctoral School /Schools</i></p> <p>- persoana de contact IOSUD/ domenii</p>	<p>Înregistrare audio-video/ platforma Zoom USAMVCjN</p> <p><i>Audio-video recording /USAMVCjN Zoom platform</i></p> <p>Link:</p> <p>https://us02web.zoom.us/j/83518632834?pwd=VXgzL3JTT0V6czVWcU5OaWoxa09oZz09</p> <p>Meeting ID: 835 1863 2834</p> <p>Passcode: 353389</p>

Intervalul orar / (Bucharest time)	Activitate / <i>Activity</i>	Participanți / <i>Participants</i>	Observații / Responsabil <i>Comments / Responsible</i>
		<i>the contact person for IOSUD/ doctoral domains</i>	
11:00-12:00	<p>Activități de evaluare <i>Evaluation activities</i></p> <p><u>Domeniu6</u>: Întâlnire online a comisiei de experți evaluatori cu responsabilul domeniului de studii universitare de doctorat evaluat și cu echipa care a realizat raportul de evaluare internă</p> <p><i>Domain: Online meeting with the contact person for the doctoral study domain under review and the team who drafted the internal evaluation report</i></p>	<p>Comisia de evaluare domeniu <i>Domain evaluation panel</i></p> <p>-membrii comisiei de experți evaluatori domeniu <i>members of domain evaluation panel</i></p> <p>- responsabilul domeniului de studii universitare de doctorat evaluat și echipa care a realizat raportul de evaluare internă <i>The doctoral studies domain contact person and the team who drafted the internal evaluation report</i></p>	<p>Înregistrare audio-video/ platforma Zoom USAMVCjN <i>Audio-video recording /USAMVCjN Zoom platform</i></p> <p>Domeniu/Domain Agronomie/<i>Agronomy</i></p> <p>Link: https://us02web.zoom.us/j/87024849628?pwd=U3QwL0dpWVlmMDlnblpEVFBUT2ZVUT09</p> <p>Meeting ID: 870 2484 9628</p> <p>Passcode: Agronomie</p> <p>Horticultură/<i>Horticulture</i></p> <p>Link: https://us02web.zoom.us/j/89151492234?pwd=bjd3S2R3S240VHNJT3JET3NubVU1dz09</p> <p>Meeting ID: 891 5149 2234</p> <p>Passcode: 909420</p>

6 Pentru toate întâlnirile din program unde se menționează domeniu, se vor organiza 6 întâlniri în paralel pentru cele 6 domenii de studii universitare de doctorat din componența IOSUD. *For all the timetable meetings where the domain is mentioned, 6 meetings will be organized in parallel for the 6 doctoral university studies domains within IOSUD.*

Intervalul orar / (Bucharest time)	Activitate / <i>Activity</i>	Participanți / <i>Participants</i>	Observații / Responsabil <i>Comments / Responsible</i>
			<p>Zootehnie/<i>Animal Science</i></p> <p>Link: https://us02web.zoom.us/j/84721513166?pwd=VEdQeXhQdGp6RXd3NHBDM2ZyRVladz09</p> <p>Meeting ID: 847 2151 3166</p> <p>Passcode: 281533</p> <p>Biotehnologii/<i>Biotechnologies</i></p> <p>Link: https://us02web.zoom.us/j/84658947354?pwd=T3owNWVuQkorL2lkXBDWGNBYm1Ndz09</p> <p>Meeting ID: 846 5894 7354</p> <p>Passcode: 847787</p> <p>Inginerie și management în agricultură și dezvoltare rurală/<i>Engineering and management in agriculture and rural development</i></p> <p>Link: https://us02web.zoom.us/j/88688516260?pwd=UktMQWlxWW8vUEp6b1VhZHZXOXNHQT09</p> <p>Meeting ID: 886 8851 6260</p> <p>Passcode: 180872</p> <p>Medicină veterinară/<i>Veterinary medicine</i></p>

Intervalul orar / (Bucharest time)	Activitate / <i>Activity</i>	Participanți / <i>Participants</i>	Observații / Responsabil <i>Comments / Responsible</i>
			<p>Link:</p> <p>https://us02web.zoom.us/j/88015027271?pwd=VnZRUMxPTIBUWGUvRU5yNnZhN3czQT09</p> <p>Meeting ID: 880 1502 7271</p> <p>Passcode: 647145</p>
12:15-13:15	<p>Activități de evaluare</p> <p><i>Evaluation activities</i></p> <p><u>IOSUD</u>: Întâlnire online a comisiei de experți evaluatori cu directorul CSUD/directorii școlilor doctorale din IOSUD supus procesului de evaluare și cu echipa care a realizat raportul de evaluare internă</p> <p><i>IOSUD: Online meeting with the director of CSUD / directors of doctoral schools and the team who drafted the internal evaluation report</i></p>	<p>Comisia de evaluare IOSUD</p> <p><i>IOSUD evaluation panel</i></p> <p>- membrii comisiei de experți evaluatori IOSUD</p> <p><i>members of IOSUD evaluation panel</i></p> <p>- reprezentanți ai CSUD și ai școlii/școlilor doctorale/ IOSUD</p> <p><i>representatives of CSUD and of doctoral school(s)/IOSUD</i></p>	<p>Înregistrare audio-video/ platforma Zoom USAMVCjN</p> <p><i>Audio-video recording /USAMVCjN Zoom platform</i></p> <p>Link:</p> <p>https://us02web.zoom.us/j/86308309996?pwd=a25Nd3ZOK2RFQ1BiTT4qeStjS1lrQT09</p> <p>Meeting ID: 863 0830 9996</p> <p>Passcode: 539474</p>
Lunch time			
14:30-15:30	<p>Activități de evaluare</p> <p><i>Evaluation activities</i></p> <p><u>Domeniu</u>: Întâlnire online a comisiei de experți evaluatori cu personalul didactic</p>	<p>Comisia de evaluare domeniu</p> <p><i>Domain evaluation panel</i></p> <p>-membrii comisiei de experți evaluatori domeniu</p>	<p>Înregistrare audio-video/ platforma Zoom USAMVCjN</p> <p><i>Audio-video recording /USAMVCjN Zoom platform</i></p> <p>Domeniu/Domain</p> <p>Agronomie/<i>Agronomy</i></p>

Intervalul orar / (Bucharest time)	Activitate / <i>Activity</i>	Participanți / <i>Participants</i>	Observații / Responsabil <i>Comments / Responsible</i>
	aferent domeniului evaluat <i>Domain: Online meeting with the academic staff corresponding to the doctoral study domain</i>	<i>members of domain evaluation panel</i> -cadre didactice cu titlul de conducător de doctorat <i>Doctoral coordinators</i>	Link: https://us02web.zoom.us/j/89361323089?pwd=WmpOVysrZUpnSU9GSDVBNdg1dFpSQTO9 Meeting ID: 893 6132 3089 Passcode: Agronomie Horticultură/ <i>Horticulture</i> Link: https://us02web.zoom.us/j/89219735039?pwd=VUwyK3NSNW5rSzVLQzFKSGdPc05yUT09 Meeting ID: 892 1973 5039 Passcode: 683035 Zootehnie/ <i>Animal Science</i> Link: https://us02web.zoom.us/j/86369322509?pwd=bisxYXRmVlhyNG1oak5xZ3AyNnU4UT09 Meeting ID: 863 6932 2509 Passcode: 433314 Biotehnologii/ <i>Biotechnologies</i> Link: https://us02web.zoom.us/j/81805548037?pwd=VkMvckttUE1wS2IMdkSua2lwb1FCUT09 Meeting ID: 818 0554 8037

Intervalul orar / (Bucharest time)	Activitate / <i>Activity</i>	Participanți / <i>Participants</i>	Observații / Responsabil <i>Comments / Responsible</i>
			<p>Passcode: 087592</p> <p>Inginerie și management în agricultură și dezvoltare rurală/<i>Engineering and management in agriculture and rural development</i></p> <p>Link: https://us02web.zoom.us/j/85638625127?pwd=eXhqWk1rdGtyQ1FJa29GbFNEWG1iZz09</p> <p>Meeting ID: 856 3862 5127</p> <p>Passcode: 766242</p> <p>Medicină veterinară/<i>Veterinary medicine</i></p> <p>Link: https://us02web.zoom.us/j/89649961726?pwd=QzhubFEzT3BLa3F1Z3pVZmU5ckFvUT09</p> <p>Meeting ID: 896 4996 1726</p> <p>Passcode: 680380</p>
15:45–16:45	<p>Activități de evaluare <i>Evaluation activities</i></p> <p><u>IOSUD</u>: Întâlnire online a comisiei de experți evaluatori cu personalul didactic</p>	<p>Comisia de evaluare IOSUD</p> <p><i>IOSUD evaluation panel</i></p> <p>- membrii comisiei de experți evaluatori IOSUD</p>	<p>Înregistrare audio-video/ platforma USAMVCjN</p> <p><i>Audio-video recording /USAMVCjN platform</i></p> <p>Link: https://us02web.zoom.us/j/89475548135?pwd=ZXl3M1BxTUxYb1pySnprY0RETHNidz09</p>

Intervalul orar / (Bucharest time)	Activitate / <i>Activity</i>	Participanți / <i>Participants</i>	Observații / Responsabil <i>Comments / Responsible</i>
	aferent școlilor doctorale din IOSUD <i>IOSUD: Online meeting with IOSUD academic staff</i>	<i>members of IOSUD evaluation panel</i> - cadre didactice cu titlul de conducător de doctorat <i>Doctoral coordinators</i>	Meeting ID: 894 7554 8135 Passcode: 187553
17:00-18:00	Întâlnire online cu membrii Comisiei de Etică a universității <i>Online meeting with the members of the Ethics Commission</i>	Comisia de evaluare IOSUD/domenii <i>IOSUD/domains evaluation panel</i> - toți membrii echipei de evaluare <i>all evaluation panel members</i> -membrii Comisiei de Etică <i>Ethics Commission members</i>	Înregistrare audio-video/ platforma Zoom USAMVCjN <i>Audio-video recording /USAMVCjN Zoom platform</i> Link: https://us02web.zoom.us/j/88045096023?pwd=WIZxYUpUZOM1US9kY3JuRW1HczZldz09 Meeting ID: 880 4509 6023 Passcode: 635039
Marți / Tuesday, 02.11.2021			
9:00-10:00	Activități de evaluare <i>Evaluation activities</i> <u>IOSUD</u> : Întâlnire cu membrii Consiliului Studiilor Universitare de Doctorat al IOSUD <i>IOSUD: Online meeting with Doctoral</i>	Comisia de evaluare IOSUD <i>IOSUD evaluation panel</i>	Înregistrare audio-video/ platforma Zoom USAMVCjN <i>Audio-video recording /USAMVCjN Zoom platform</i>

Intervalul orar / (Bucharest time)	Activitate / Activity	Participanți / Participants	Observații / Responsabil <i>Comments / Responsible</i>
	<i>University Studies Council (CSUD) members</i>	<p>- membrii comisiei de experți evaluatori IOSUD</p> <p><i>members of IOSUD evaluation panel</i></p> <p>- membrii CSUD</p> <p><i>CSUD's members</i></p>	<p>Link:</p> <p>https://us02web.zoom.us/j/82777666655?pwd=KzYrbEhDVnhQRUdSeDF1MUJkWHBzd09</p> <p>Meeting ID: 827 7766 6655</p> <p>Passcode: 296641</p>
10:15-11:15	<p>Activități de evaluare</p> <p><i>Evaluation activities</i></p> <p><u>Domeniu:</u> Întâlnire online cu directorii/responsabilii centrelor/laboratoarelor de cercetare aferente domeniului de studii universitare de doctorat</p> <p><i>Domain: Online meeting with the Directors/ persons in charge of the research centers/laboratories within the doctoral study domain</i></p>	<p>Comisia de evaluare domeniu</p> <p><i>Domain evaluation panel</i></p> <p>- membrii comisiei de experți evaluatori domeniu</p> <p><i>members of domain evaluation panel</i></p> <p>-directorii centrelor / laboratoarelor de cercetare</p> <p><i>directors of research centers/laboratories</i></p>	<p>Înregistrare audio-video/ platforma Zoom USAMVCjN</p> <p><i>Audio-video recording /USAMVCjN Zoom platform</i></p> <p>Domeniu/Domain</p> <p>Agronomie/<i>Agronomy</i></p> <p>Link:</p> <p>https://us02web.zoom.us/j/89627669105?pwd=cVBadXh3cDY4Uy9tTEx6cVp2TlRRdz09</p> <p>Meeting ID: 896 2766 9105</p> <p>Passcode: Agronomie</p> <p>Horticultură/<i>Horticulture</i></p> <p>Link:</p> <p>https://us02web.zoom.us/j/81415028484?pwd=bmVjTUVKNVAyNlFhRDZlU2ljQk9aUT09</p> <p>Meeting ID: 814 1502 8484</p> <p>Passcode: 404752</p>

Intervalul orar / (Bucharest time)	Activitate / <i>Activity</i>	Participanți / <i>Participants</i>	Observații / Responsabil <i>Comments / Responsible</i>
			<p>Zootehnie/<i>Animal Science</i></p> <p>Link: https://us02web.zoom.us/j/85658675478?pwd=aXlpL0RMOWRxRlZuRTNQbjM1V0tLUT09</p> <p>Meeting ID: 856 5867 5478</p> <p>Passcode: 523864</p> <p>Biotehnologii/<i>Biotechnologies</i></p> <p>Link: https://us02web.zoom.us/j/82348078510?pwd=MndqTTJMNWhpeDFDbzVtcGZKeVQzUT09</p> <p>Meeting ID: 823 4807 8510</p> <p>Passcode: 939109</p> <p>Inginerie și management în agricultură și dezvoltare rurală/<i>Engineering and management in agriculture and rural development</i></p> <p>Link: https://us02web.zoom.us/j/89903393890?pwd=TFpyOVVvQWkxWVgxWDk4S3hVeWV6Zz09</p> <p>Meeting ID: 899 0339 3890</p> <p>Passcode: 422883</p> <p>Medicină veterinară/<i>Veterinary medicine</i></p> <p>Link:</p>

Intervalul orar / (Bucharest time)	Activitate / <i>Activity</i>	Participanți / <i>Participants</i>	Observații / Responsabil <i>Comments / Responsible</i>
			https://us02web.zoom.us/j/81626746357?pwd=TUdpNFg4TGkvUlhteENLZS9yOGcrUT09 Meeting ID: 816 2674 6357 Passcode: 822941
11:30–12:30	Activități de evaluare <i>Evaluation activities</i> <u>IOSUD</u> : Întâlnire online cu directorii/responsabilii centrelor/laboratoarelor de cercetare IOSUD <i>IOSUD: Online meeting with the Directors/ persons in charge of the research centers/laboratories within IOSUD</i>	Comisia de evaluare IOSUD <i>IOSUD evaluation panel</i> - membrii comisiei de experți evaluatori IOSUD <i>members of IOSUD evaluation panel</i> - directorii centrelor / laboratoarelor de cercetare <i>Directors of the research centers/laboratories</i>	Înregistrare audio-video/ platforma Zoom USAMVCjN <i>Audio-video recording /USAMVCjN Zoom platform</i> Link: https://us02web.zoom.us/j/87290413222?pwd=QTNTWG9lcVpZRjNmUVF6ZVBZdke4QT09 Meeting ID: 872 9041 3222 Passcode: 643402
Lunch time			
13:30-14:30	Activități de evaluare <i>Evaluation activities</i> <u>Domeniu</u> : Întâlnire online a comisiei de evaluare cu reprezentanți ai	Comisia de evaluare domeniu <i>Domain evaluation panel</i> - membrii comisiei de experți evaluatori domeniu	Înregistrare audio-video/ platforma Zoom USAMVCjN <i>Audio-video recording /USAMVCjN Zoom platform</i> Domeniu/Domain Agronomie/ <i>Agronomy</i> + 5. Inginerie și management în agricultură și dezvoltare

Intervalul orar / (Bucharest time)	Activitate / <i>Activity</i>	Participanți / <i>Participants</i>	Observații / Responsabil <i>Comments / Responsible</i>
	absolvenților domeniului <i><u>Domain:</u> Online meeting with graduates for the respective doctoral study domain</i>	<i>members of domain evaluation panel</i> - reprezentanți ai absolvenților USAMVCJN <i>representatives of doctoral graduates</i>	rurală/ <i>Engineering and management in agriculture and rural development</i> Link: https://us02web.zoom.us/j/88991077830?pwd=dU1EeU9vcUtZTWwyTW1TY1ZHK3ZaUT09 Meeting ID: 889 9107 7830 Passcode: Agronomie Horticultură/ <i>Horticulture</i> Link: https://us02web.zoom.us/j/81051206712?pwd=THhPQjhqUm1yZHQzRU4rU29rTnJWUT09 Meeting ID: 810 5120 6712 Passcode: 733126 Zootehnie/ <i>Animal Science</i> Link: https://us02web.zoom.us/j/88416206894?pwd=VVdNNFFtK0tzVmo1QjFYNnJGbXJ2Zz09 Meeting ID: 884 1620 6894 Passcode: 301659 Biotehnologii/ <i>Biotechnologies</i> Link: https://us02web.zoom.us/j/89543104711?pwd=WktRUGpySXQ5TmR0RWNRcFRQdTRzQT09 Meeting ID: 895 4310 4711

Intervalul orar / (Bucharest time)	Activitate / <i>Activity</i>	Participanți / <i>Participants</i>	Observații / Responsabil <i>Comments / Responsible</i>
			<p>Passcode: 802351</p> <p>5. întâlnire comună cu domeniul 1 (Agronomie) / joint meeting with domain 1 (Agronomy) !!!</p> <p>6. Medicină veterinară/<i>Veterinary medicine</i></p> <p>Link</p> <p>https://us02web.zoom.us/j/81957773645?pwd=ZXNRSgZRFhqbml0THBQbUdOZjkwQT09</p> <p>Meeting ID: 819 5777 3645</p> <p>Passcode: 986111</p>
14:45-15:45	<p>Activități de evaluare</p> <p><i>Evaluation activities</i></p> <p><u>IOSUD</u>: Întâlnire online a comisiei de evaluare cu reprezentanți ai absolvenților IOSUD USAMVCJN</p> <p><i>IOSUD: Online meeting with IOSUD graduates</i></p>	<p>Comisia de evaluare IOSUD</p> <p><i>IOSUD evaluation panel</i></p> <p>- membrii comisiei de experți evaluatori IOSUD</p> <p><i>members of IOSUD evaluation panel</i></p> <p>- reprezentanți ai absolvenților USAMVCJN</p> <p><i>representatives of doctoral graduates</i></p>	<p>Înregistrare audio-video/ platforma Zoom USAMVCjN</p> <p><i>Audio-video recording /USAMVCjN Zoom platform</i></p> <p>Link:</p> <p>https://us02web.zoom.us/j/86406733476?pwd=dnlxMkRkVFdvTWWhNWhAvL1VXNzN3dz09</p> <p>Meeting ID: 864 0673 3476</p> <p>Passcode: 927460</p>

Intervalul orar / (Bucharest time)	Activitate / <i>Activity</i>	Participanți / <i>Participants</i>	Observații / Responsabil <i>Comments / Responsible</i>
16:00-17:00	<p>Activități de evaluare</p> <p><i>Evaluation activities</i></p> <p><u>Domeniu:</u> Întâlnire online a comisiei de evaluare cu reprezentanți ai angajatorilor absolvenților domeniului</p> <p><i>Domain: Online meeting with employers of Doctoral graduates in the domain</i></p>	<p>Comisia de evaluare domeniu</p> <p><i>Domain evaluation panel</i></p> <p>- membrii comisiei de experți evaluatori domeniu</p> <p><i>members of domain evaluation panel</i></p> <p>- reprezentanți ai angajatorilor USAMVCJN</p> <p><i>employers' representatives</i></p>	<p>Înregistrare audio-video/ platforma Zoom USAMVCJN</p> <p><i>Audio-video recording /USAMVCJN Zoom platform</i></p> <p>Domeniu/Domain</p> <p>Agronomie/<i>Agronomy</i> + 5. Inginerie și management în agricultură și dezvoltare rurală/<i>Engineering and management in agriculture and rural development</i></p> <p>Link: https://us02web.zoom.us/j/88405258422?pwd=Yzc4MDQxZ1o0TnFCZFBlYTlnUHJNUT09</p> <p>Meeting ID: 884 0525 8422</p> <p>Passcode: Agronomie</p> <p>Horticultură/<i>Horticulture</i></p> <p>Link: https://us02web.zoom.us/j/84386921291?pwd=VCtaQWZyZUQ1RWRRUjJPR0I4MUU4UT09</p> <p>Meeting ID: 843 8692 1291</p> <p>Passcode: 415031</p> <p>Zootehnie/<i>Animal Science</i></p> <p>Link: https://us02web.zoom.us/j/87554775368?pwd=VE1qUzFVK2JEWUxUU1kR2UvVTJTUT09</p> <p>Meeting ID: 875 5477 5368</p>

Intervalul orar / (Bucharest time)	Activitate / <i>Activity</i>	Participanți / <i>Participants</i>	Observații / Responsabil <i>Comments / Responsible</i>
			<p>Passcode: 273723</p> <p>Biotehnologii/<i>Biotechnologies</i></p> <p>Link:</p> <p>https://us02web.zoom.us/j/83273658132?pwd=NnBud0FRNkt6alg2RFF6NStMZWRwZz09</p> <p>Meeting ID: 832 7365 8132</p> <p>Passcode: 001864</p> <p><u>5. întâlnire comună cu domeniul 1</u> <u>(Agronomie) / joint meeting with domain 1</u> <u>(Agronomy) !!!</u></p> <p>6.Medicină veterinară/<i>Veterinary medicine</i></p> <p>Link</p> <p>https://us02web.zoom.us/j/82523324763?pwd=ODg1MFZ0NFVleW12OFIrKzI2anJLZz09</p> <p>Meeting ID: 825 2332 4763</p> <p>Passcode: 774195</p>

Intervalul orar / (Bucharest time)	Activitate / <i>Activity</i>	Participanți / <i>Participants</i>	Observații / Responsabil <i>Comments / Responsible</i>
17:15-18:15	<p>Activități de evaluare</p> <p><i>Evaluation activities</i></p> <p><u>IOSUD</u>: Întâlnire online a comisiei de evaluare cu reprezentanți ai angajatorilor absolvenților IOSUD USAMVCJN</p> <p><i>IOSUD: Online meeting with employers of doctoral graduates</i></p>	<p>Comisia de evaluare IOSUD</p> <p><i>IOSUD evaluation panel</i></p> <p>- membrii comisiei de experți evaluatori IOSUD</p> <p><i>members of IOSUD evaluation panel</i></p> <p>- reprezentanți ai angajatorilor USAMVCJN</p> <p><i>employers' representatives</i></p>	<p>Înregistrare audio-video/ platforma Zoom USAMVCJN</p> <p><i>Audio-video recording /USAMVCJN Zoom platform</i></p> <p>Link: https://us02web.zoom.us/j/83969227103?pwd=Ynd6RStwY3dVUm8wYVloVDdxSVFqZz09</p> <p>Meeting ID: 839 6922 7103</p> <p>Passcode: 550275</p>
Miercuri / <i>Wednesday</i> , 03.11.2021			
09:00-09:50	<p>Activități de evaluare</p> <p><i>Evaluation activities</i></p> <p>Întâlnire online cu membrii Comisiei pentru Evaluarea și Asigurarea Calității (CEAC) / Departamentul de asigurare a calității</p> <p><i>Online meeting with the Commission for Quality Evaluation and</i></p>	<p>Comisia de evaluare IOSUD</p> <p><i>IOSUD evaluation panel</i></p> <p>- toți membrii echipei de evaluare</p> <p><i>all evaluation panel members</i></p> <p>- reprezentanți ai CEAC/Departament AC</p>	<p>Înregistrare audio-video/ platforma Zoom USAMVCjN</p> <p><i>Audio-video recording /USAMVCjN Zoom platform</i></p> <p>Link: https://us02web.zoom.us/j/84561505303?pwd=QkRWc2dMc2xpQkNUM0VUb09UejhlZz09</p> <p>Meeting ID: 845 6150 5303</p> <p>Passcode: 958700</p>

Intervalul orar / (Bucharest time)	Activitate / <i>Activity</i>	Participanți / <i>Participants</i>	Observații / Responsabil <i>Comments / Responsible</i>
	<i>Assurance (CEAC) members / Quality Assurance Department</i>	<i>representatives of Commission for Quality Evaluation and Assurance (CEAC) / Quality Assurance Department</i>	
10:00-10:50	<p>Activități de evaluare <i>Evaluation activities</i></p> <p><u>Domeniu:</u> Întâlnire online a comisiei de evaluare cu studenții doctoranzi USAMVCJN</p> <p><u>Domain:</u> Online meeting with PhD students</p>	<p>Comisia de evaluare IOSUD</p> <p><i>IOSUD evaluation panel</i></p> <p>- membrii comisiei de experți evaluatori domeniu</p> <p><i>members of domain evaluation panel</i></p> <p>- studenții doctoranzi USAMVCJN</p> <p><i>PhD students</i></p>	<p>Înregistrare audio-video/ platforma Zoom ARACIS</p> <p><i>Audio-video recording /ARACIS Zoom platform</i></p> <p>Domeniu/Domain</p> <p>Agronomie/<i>Agronomy</i></p> <p>Join Zoom Meeting</p> <p>https://us02web.zoom.us/j/83268432870?pwd=eWJMYnNwa1kyaXRIMmphUkxiTUcudz09</p> <p>Meeting ID: 832 6843 2870</p> <p>Passcode: 040357</p> <p>Horticultură/<i>Horticulture</i></p> <p>Join Zoom Meeting</p> <p>https://us02web.zoom.us/j/88006766599?pwd=Skd1QUlyMGZabUpaRDZLMDE0djN2UT09</p> <p>Meeting ID: 880 0676 6599</p> <p>Passcode: 262247</p>

Intervalul orar / (Bucharest time)	Activitate / <i>Activity</i>	Participanți / <i>Participants</i>	Observații / Responsabil <i>Comments / Responsible</i>
			<p>Zootehnie/<i>Animal Science</i></p> <p>Join Zoom Meeting</p> <p>https://us02web.zoom.us/j/85105630304?pwd=emNRS0NKZktncEpGYjRnaURzcVJqdz09</p> <p>Meeting ID: 851 0563 0304</p> <p>Passcode: 495193</p> <p>Biotehnologii/<i>Biotechnologies</i></p> <p>Join Zoom Meeting</p> <p>https://us02web.zoom.us/j/83700010263?pwd=ODZuS0FwMm50QSswZkVQcFRoa25uUT09</p> <p>Meeting ID: 837 0001 0263</p> <p>Passcode: 939172</p> <p>Inginerie și management în agricultură și dezvoltare rurală/<i>Engineering and management in agriculture and rural development</i></p> <p>Join Zoom Meeting</p> <p>https://us02web.zoom.us/j/84919787731?pwd=bkl3c0lyM01tWkJXd2JycjY1bHBqUT09</p> <p>Meeting ID: 849 1978 7731</p> <p>Passcode: 334123</p> <p>Medicină veterinară/<i>Veterinary medicine</i></p> <p>Join Zoom Meeting</p>

Intervalul orar / (Bucharest time)	Activitate / <i>Activity</i>	Participanți / <i>Participants</i>	Observații / Responsabil <i>Comments / Responsible</i>
			https://us02web.zoom.us/j/83683817152?pwd=bnMwc0I3UVBmTnNOOVZxUnZoc0REUT09 Meeting ID: 836 8381 7152 Passcode: 922908
11:00–11:50	Activități de evaluare <i>Evaluation activities</i> <u>IOSUD</u> : Întâlnire online a comisiei de evaluare cu studenții doctoranzi USAMVCjN <u>IOSUD</u> : <i>Online meeting with PhD students</i>	Comisia de evaluare IOSUD <i>IOSUD evaluation panel</i> - membrii comisiei de experți evaluatori IOSUD <i>members of IOSUD evaluation panel</i> - studenții doctoranzi USAMVCjN <i>PhD students</i>	Înregistrare audio-video/ platforma Zoom ARACIS <i>Audio-video recording /ARACIS Zoom platform</i> Join Zoom Meeting https://us02web.zoom.us/j/86880952509?pwd=REZIMTJrbXA5ZGd6VUVNVdhtRy9OQT09 Meeting ID: 868 8095 2509 Passcode: 701330
12:00-12:45	Activități de evaluare <i>Evaluation activities</i> <u>Domeniu</u> : Întâlnire online cu membrii Consiliului școlii /școlilor doctorale (CSD) în cadrul cărora funcționează domeniul evaluat	Comisia de evaluare domeniu <i>Domain evaluation panel</i> - membrii comisiei de experți evaluatori domeniu <i>members of domain evaluation panel</i>	Înregistrare audio-video/ platforma Zoom USAMVCjN <i>Audio-video recording /USAMVCjN Zoom platform</i> Scoli doctorale/Doctoral school Ingineria Resurselor Vegetale și Animale/ <i>Engineering of Plant and Animal Resources</i>

Intervalul orar / (Bucharest time)	Activitate / <i>Activity</i>	Participanți / <i>Participants</i>	Observații / Responsabil <i>Comments / Responsible</i>
	<i>Domain: Online meeting with Doctoral Schools Council (CSD members)</i>	-membrii CSD <i>CSD's members</i>	Medicină veterinară/ <i>Veterinary medicine</i> Link: https://us02web.zoom.us/j/82489206569?pwd=TjE0aW1ENjFiUURxcVc0YXZCazhuUT09 Meeting ID: 824 8920 6569 Passcode: 329395
Lunch time			
12:45-18:00	Continuarea activităților de evaluare a domeniilor de studii universitare de doctorat și IOSUD <i>Continuation of the doctoral study domain and IOSUD evaluation activities</i>	Comisia de evaluare IOSUD <i>IOSUD evaluation panel</i> - la nivel de IOSUD <i>at IOSUD level</i> - la nivel de domenii de doctorat <i>at doctoral study domain level</i>	Se lucrează separat. ⁷ (În acest interval de timp, coordonatorul IOSUD/DSUD are în vedere și comunicarea cu membrii comisiei privitor la desfășurarea evaluării IOSUD/DSUD) <i>Independent evaluation activities. (during this time frame, the IOSUD/DSUD Coordinator also envisages the communication with the panel members regarding the conduct of the IOSUD/DSUD evaluation)</i>

7 În cazul în care se organizează întâlniri suplimentare cu reprezentanții instituției de învățământ superior sau cu alte părți interesante, acestea se vor organiza în format online, după caz, de către instituția evaluată sau de către echipa de evaluare, iar înregistrările se vor încărca în *cloud-ul* ARACIS. Dacă sunt întâlniri între membrii echipei de evaluare, nu este necesară încărcarea înregistrărilor. Se pot organiza și vizite la fața locului, de comun acord cu persoana de contact de la domeniul evaluat. *If additional meetings are organized with the representatives of the higher education institution or with other interested parties, they will be organized in online format, as the case may be, by the evaluated institution or by the evaluation team, and the records will be uploaded to ARACIS' cloud. If there are meetings between the members of the evaluation team, it is not necessary to upload the records. On-site visits may also be arranged, in agreement with the contact person of the evaluated domain.*

Intervalul orar / (Bucharest time)	Activitate / <i>Activity</i>	Participanți / <i>Participants</i>	Observații / Responsabil <i>Comments / Responsible</i>
Joi / <i>Thursday</i> , 04.11.2021			
09:00-10:00	<p>Întâlnire tehnică față în față, pentru identificarea aspectelor specifice care trebuie clarificate, dacă este cazul, pe parcursul vizitei la fața locului</p> <p><i>Face to face technical meeting to identify specific issues that need to be clarified, if necessary, during the on-site visit</i></p>	<p>Comisia de evaluare IOSUD</p> <p><i>IOSUD evaluation panel</i></p> <p>- toți membrii echipei de vizită față în față</p> <p><i>all evaluation panel members</i></p>	<p>Vizită USAMVCJN</p> <p><i>Site visit to USAMVCJN</i></p>
10:30-18:00	<p>Reuniuni de lucru față în față, vizitarea bazei materiale didactice și de cercetare</p> <p><i>Face-to-face working meetings, visiting the educational and research infrastructure</i></p>	<p>- directorul de misiune și coordonatorul, un student doctorand evaluator</p> <p><i>the Evaluation Director and the coordinator of the IOSUD evaluation panel, one student</i></p> <p>- reprezentanți ai UASMCN</p>	<p>Vizită USAMVCJN</p> <p><i>Site visit to USAMVCJN</i></p>

8 Experții evaluatori la nivelul domeniilor de studii universitare de doctorat pot stabili independent programul vizitei la fața locului, de comun acord cu persoana de contact de la domeniul evaluat și respectând programul întâlnirilor comune cu restul membrilor echipei de evaluare. *The evaluators at doctoral study domain level can independently establish the program of the on-site visit, in agreement with the contact person for the evaluated domain and respecting the schedule of joint meetings with the rest of the evaluation panel members.*

Intervalul orar / (Bucharest time)	Activitate / <i>Activity</i>	Participanți / <i>Participants</i>	Observații / Responsabil <i>Comments / Responsible</i>
		<i>USAMVCJN's representatives</i>	
Vineri / <i>Friday, 05.11.2021</i>			
09:00-11:30	Finalizarea documentelor <i>Completion of the evaluation documents</i>	Comisia de evaluare IOSUD <i>IOSUD evaluation panel</i> - la nivel de IOSUD <i>at IOSUD level</i> - la nivel de domenii de doctorat <i>at doctoral study domain level</i>	Se lucrează separat. (În acest interval de timp, coordonatorul IOSUD/DSUD are în vedere și comunicarea cu membrii comisiei privitor la desfășurarea evaluării IOSUD/DSUD) <i>Independent evaluation activities. (during this time frame, the IOSUD/DSUD Coordinator also envisages the communication with the panel members regarding the conduct of the IOSUD/DSUD evaluation)</i>
11:45-12:45	Întâlnire online pentru concluzii <i>Online meeting for conclusions</i>	Comisia de evaluare IOSUD <i>IOSUD evaluation panel</i> - toți membrii echipei de evaluare <i>all evaluation panel members</i>	Înregistrare audio-video/ platforma Zoom ARACIS <i>Audio-video recording /ARACIS Zoom platform</i> Join Zoom Meeting https://us02web.zoom.us/j/82087522402?pwd=d1ZpRFA1MDdtcTJuSlphcTNjNWpjUT09 Meeting ID: 820 8752 2402 Passcode: 405049
13:00-14:00	Întâlnire finală online în vederea prezentării principalelor constatări rezultate în urma	Comisia de evaluare IOSUD	Înregistrare audio-video/ platforma Zoom USAMVCjN

Intervalul orar / (Bucharest time)	Activitate / <i>Activity</i>	Participanți / <i>Participants</i>	Observații / Responsabil <i>Comments / Responsible</i>
	evaluării IOSUD și a recomandărilor de îmbunătățire a calității <i>Meeting with representatives of the institution under review to discuss on the conclusions of the evaluation process and the main reccomandations</i>	<i>IOSUD evaluation panel</i> - toți membrii echipei de evaluare <i>all evaluation panel members</i> - reprezentanții USAMVCjN <i>USAMVCjN's representatives</i>	<i>Audio-video recording /USAMVCjN Zoom platform</i> Link: https://us02web.zoom.us/j/86710488914?pwd=OVVrc2JvTWVhOdnZlVZ1c1JNY2RhUT09 Meeting ID: 867 1048 8914 Passcode: 693341

Prof. univ. dr. Vasilica STAN

Prof. univ. dr. Cornel CĂTOI

Director de misiune

Rector

Questionnaire administered to doctoral students or teachers in the doctoral field evaluated, results - optional (e.g. in graphical form) and interpretation of results - if applicable

Chestionar privind gradul de satisfacție al studenților doctoranzi din cadrul Universității de Științe Agricole și Medicină Veterinară din Cluj-Napoca

Acest chestionar se adresează studenților doctoranzi din cadrul Universității de Științe Agricole și Medicină Veterinară din Cluj-Napoca și are drept scop obținerea unei imagini de

ansamblu asupra modului în care sunt organizate studiile universitare de doctorat și a gradului de satisfacție al studenților doctoranzi.

Rezultatele acestui chestionar vor constitui anexă la Raportul de Evaluare Externă întocmit de către echipa de evaluare a studiilor universitare de doctorat din cadrul Agenției Române pentru Asigurarea Calității în Învățământul Superior (ARACIS).

În ce an de studii sunteți înmatriculat?

- I
- II
- III
- **Prelungire**
- **Perioada de grație**

În ce măsură aveți acces în mod gratuit, la cerere, la un sistem electronic de verificare a gradului de similitudine a lucrărilor științifice/tezei de doctorat cu alte creații științifice sau artistice existente?

- **În foarte mare măsură**
- **În mare măsură**
- **Într-o măsură medie**
- **În mică măsură**
- **În foarte mică măsură**

În ce măsură aveți acces la laboratoare/spații de cercetare sau alte facilități din cadrul USAMV CjN, respectiv centre de cercetare/unități experimentale pentru desfășurarea activității de cercetare?

- **În foarte mare măsură**
- **În mare măsură**
- **Într-o măsură medie**
- **În mică măsură**
- **În foarte mică măsură**

În ce măsură v-a fost facilitat accesul la baze de date internaționale pentru consultarea unor surse bibliografice în domeniu, în mod gratuit?

- **În foarte mare măsură**



- **În mare măsură**
- **Într-o măsură medie**
- **În mică măsură**
- **În foarte mică măsură**

În ce măsură v-a fost facilitat accesul la agenți economici/ institute de cercetare pentru realizarea cercetărilor în colaborare cu aceștia?

- **În foarte mare măsură**
- **În mare măsură**
- **Într-o măsură medie**
- **În mică măsură**
- **În foarte mică măsură**

Ați avut posibilitatea să participați într-un schimb de mobilitate/ alte stagii de mobilitate pe durata studiilor doctorale

- **În foarte mare măsură**
- **În mare măsură**
- **Într-o măsură medie**
- **În mică măsură**
- **În foarte mică măsură**

În ce măsură ați fost sprijinit financiar de către USAMV CjN pentru participarea la conferințe internaționale sau publicări în jurnale științifice cotate internațional?

- **În foarte mare măsură**
- **În mare măsură**
- **Într-o măsură medie**
- **În mică măsură**
- **În foarte mică măsură**

În ce măsură cunoștințele și conținutul disciplinelor din planul de învățământ corespunde așteptărilor/ necesităților dvs?

- **În foarte mare măsură**
- **În mare măsură**
- **Într-o măsură medie**
- **În mică măsură**
- **În foarte mică măsură**



În ce măsură considerați că disciplina Etică și integritate academică este relevantă pentru cercetarea dvs. și elaborarea tezei de doctorat

- **În foarte mare măsură**
- **În mare măsură**
- **Într-o măsură medie**
- **În mică măsură**
- **În foarte mică măsură**

În ce măsură beneficiați de sprijin financiar pentru activitatea științifică și/sau didactică pe care o realizați în calitate de student doctorand (exceptând bursa doctorală de la bugetul de stat, acolo unde este cazul)?

- **În foarte mare măsură**
- **În mare măsură**
- **Într-o măsură medie**
- **În mică măsură**
- **În foarte mică măsură**

În ce măsură beneficiați de sprijinul membrilor comisiei de îndrumare pentru activitatea dvs. de cercetare și realizarea tezei de doctorat (întâlniri online, întrevederi onsite, comunicare asincronă)?

- **În foarte mare măsură**
- **În mare măsură**
- **Într-o măsură medie**
- **În mică măsură**
- **În foarte mică măsură**

Cum apreciați relația pe care o aveți cu coordonatorul dumneavoastră de doctorat?

- **Foarte bună**
- **Bună**
- **Mai puțin bună**
- **Deloc bună**

În ce măsură considerați că procesul de avansare în carieră este unul transparent și obiectiv?

- **În foarte mare măsură**
- **În mare măsură**
- **Într-o măsură medie**
- **În mică măsură**
- **În foarte mică măsură**

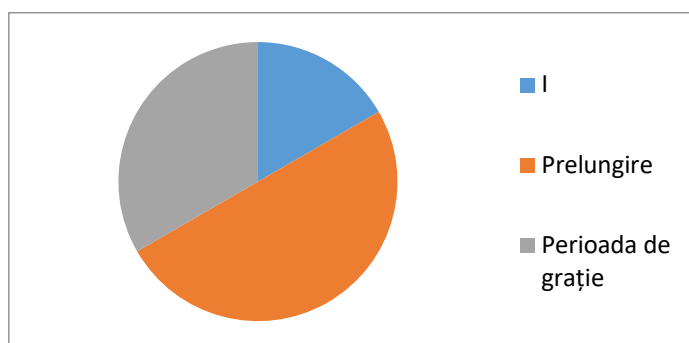
Care sunt așteptările dvs. la finalizarea studiilor de doctorat?

Care sunt aspectele care ar putea fi îmbunătățite în cadrul școlii doctorale la care sunteți înmatriculat?

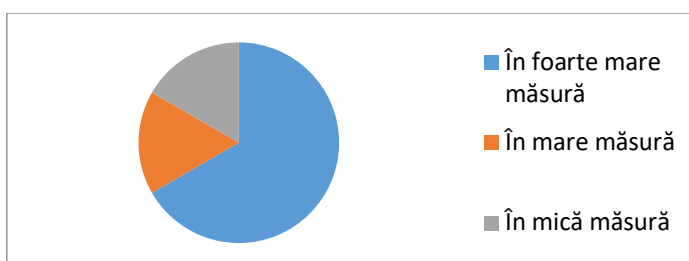
Dacă sunt alte aspecte privind studiile de doctorat despre care doriți să menționați și nu au fost cuprinse în întrebările anterioare.

Rezultate chestionar aplicat studenților doctoranzi – domeniul zootehnie

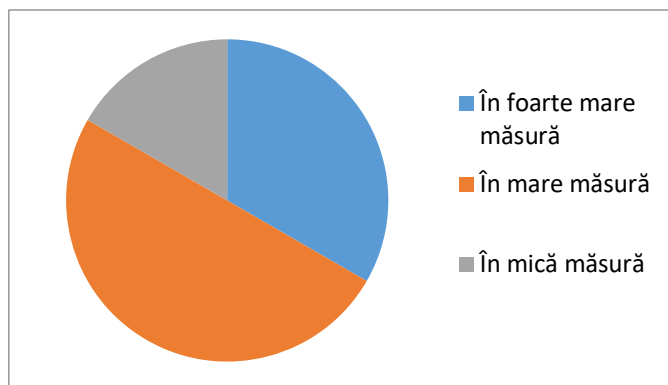
1. În ce an de studii sunteți înmatriculat?



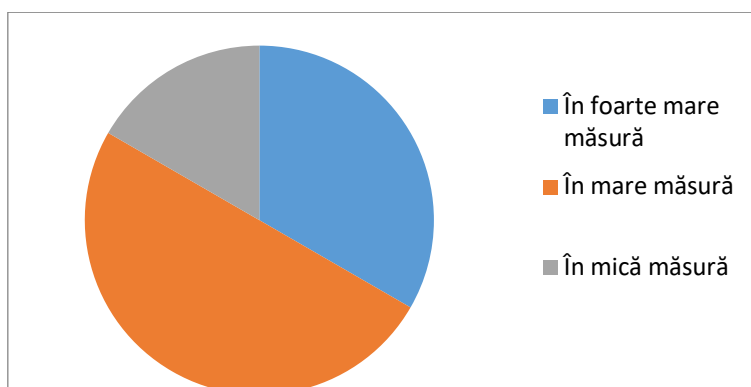
2. În ce măsură aveți acces în mod gratuit, la cerere, la un sistem electronic de verificare a gradului de similitudine a lucrărilor științifice/tezei de doctorat cu alte creații științifice sau artistice existente?



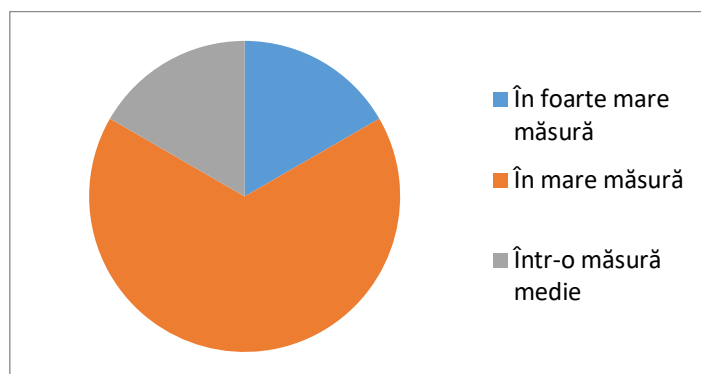
3. În ce măsură aveți acces la laboratoare/spații de cercetare sau alte facilități din cadrul USAMV CjN, respectiv centre de cercetare/unități experimentale pentru desfășurarea activității de cercetare?



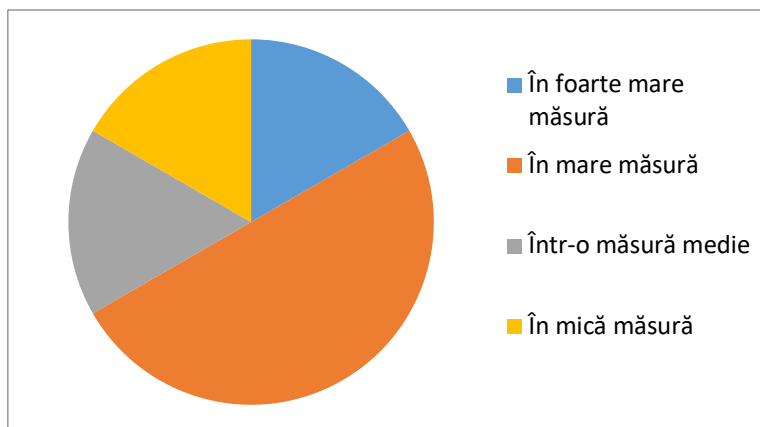
4. În ce măsură v-a fost facilitat accesul la baze de date internaționale pentru consultarea unor surse bibliografice în domeniu, în mod gratuit?



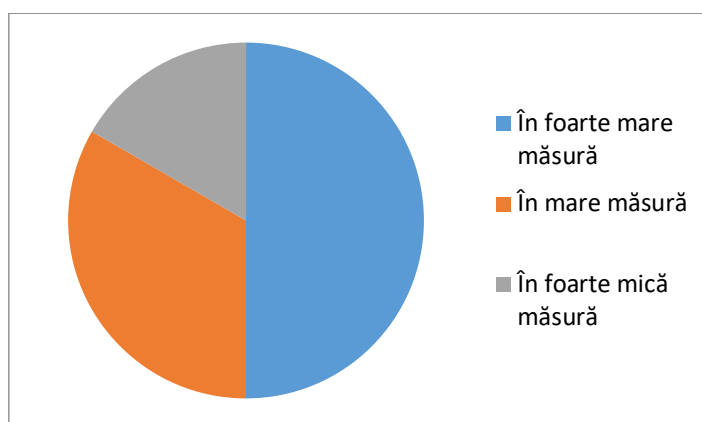
5. În ce măsură v-a fost facilitat accesul la agenți economici/ institute de cercetare pentru realizarea cercetărilor în colaborare cu aceștia?



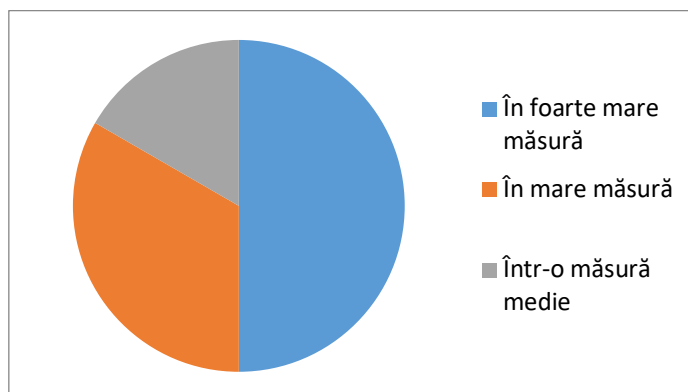
6. Ați avut posibilitatea să participați într-un schimb de mobilitate/ alte stagii de mobilitate pe durata studiilor doctorale?



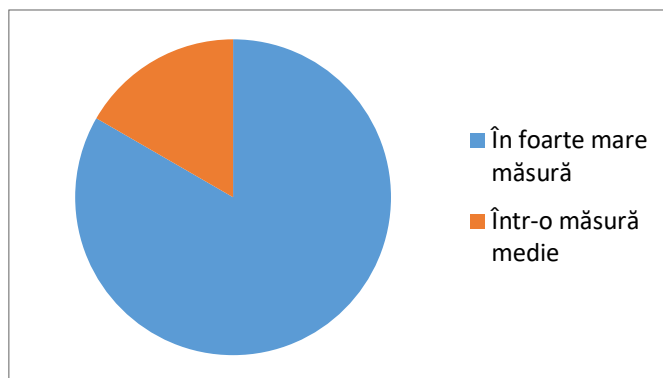
7. În ce măsură ați fost sprijinit financiar de către USAMV CjN pentru a participa la conferințe internaționale sau publicări în jurnale științifice cotate internațional?



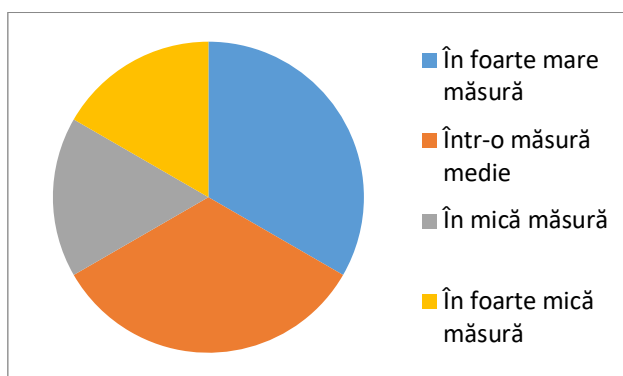
8. În ce măsură cunoștințele și conținutul disciplinelor din planul de învățământ corespunde așteptărilor/necesităților dvs?



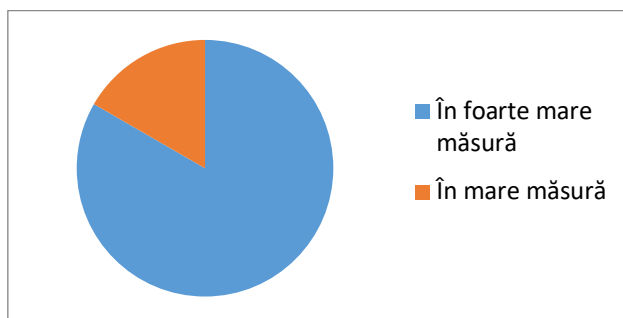
9. În ce măsură considerați că disciplina Etică și integritate academică este relevantă pentru cercetarea dvs. și elaborarea tezei de doctorat?



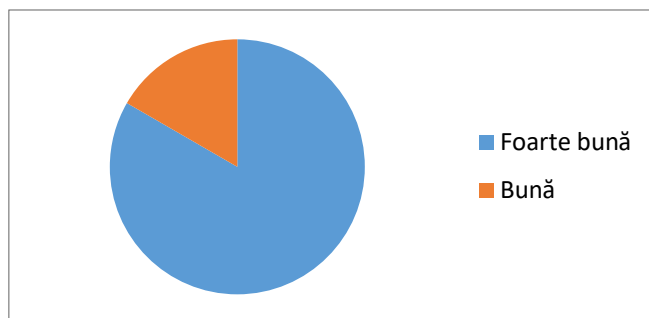
10. În ce măsură beneficiați de sprijin financiar pentru activitatea științifică și/sau didactică pe care o realizați în calitate de student doctorand (exceptând bursa doctorală de la bugetul de stat, acolo unde este cazul)?



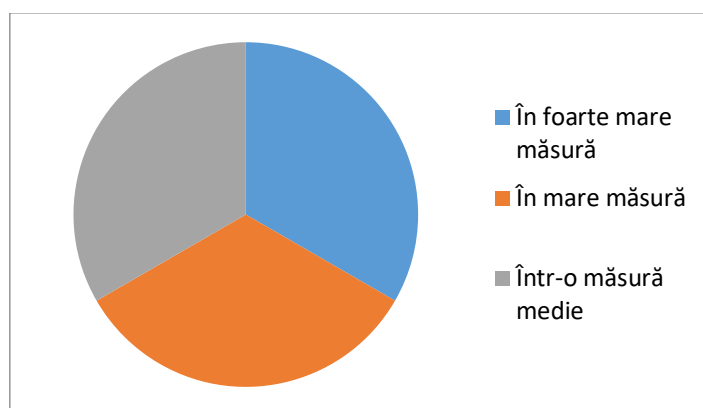
11. În ce măsură beneficiați de sprijinul membrilor comisiei de îndrumare pentru activitatea dvs. de cercetare și realizarea tezei de doctorat (întâlniri online, întâlniri onsite, comunicare asincronă)?



12. Cum apreciați relația pe care o aveți cu coordonatorul dumneavoastră de doctorat?



13. În ce măsură considerați că procesul de avansare în carieră este unul transparent și obiectiv?



14. Care sunt așteptările dvs. la finalizarea studiilor de doctorat?

- Imi doresc sa lucrez in domeniu economic, de cosultanta, in scopul dezvoltarii proiectelor din domenii precum zootehnie, agricultura, turism si alte domenii conexe;
- Ocuparea imediata a unui loc de munca foarte bine remunerat, cu posibilitatea aplicării directe pe piata muncii a cunostintelor dobandite in cadrul studiilor doctorale;
- Validare profesionala;
- Deschiderea de noi oportunități.

15. Care sunt aspectele care ar putea fi îmbunătățite în cadrul școlii doctorale la care sunteți înmatriculat?

- O oportunitate ar fi crearea unor baze de date cu parteneri economici interesati in colaborarea cu studentii doctoranzi sau indrumarea doctoranzilor catre platforme ce contin si date de contact ale acestor parteneri;
- Existenta unei biobaze de cercetare pe animale (în domeniul de zootehnie);
- 4 ani in locul celor 3;
- Având în vedere că sunt studet în anul I, momentan nu gasesc nevoi de îmbunătățire.

16. Dacă sunt alte aspecte privind studiile de doctorat despre care doriți să menționați și nu au fost cuprinse în întrebările anterioare.



- Crearea unei biobaze de cercetare pe animale, direct accesibilă studenților doctoranzi, în care să fie pusă la dispoziție infrastructura necesară derulării unor experimente pe diverse specii de interes economic. Acest lucru este imperios necesar deoarece în domeniul zootehnie cercetarea implică lucrul cu animale, ulterior fiind derulate analize instrumentale de laborator.