

## External evaluation report for the setting up (establishment) of a doctoral study domain

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### I. Introduction<sup>1</sup>

This report summarizes the main concluding remarks about the first external assessment for the Doctoral Study Domain of Pharmacy at the Multidisciplinary Doctoral School in the IOSUD Western University "Vasile Goldiș" (UVVG) of Arad. This assessment is part of the external periodic assessments for doctoral study domains carried out by the Agency for Quality Assurance in Higher Education (ARACIS). I have participated as an external and international evaluator, from the University of Malaga (southern Spain), according to the Methodology approved by the ORDER 3651 of 12.04.2021 of the Minister of Education for evaluation of doctoral studies. According to the Senate Decision no. 140 from October 7th, 2019, the Experts Committee of the Pharmacy domain was also composed by:

- Professor Monica Hancianu, from Universitatea de Medicină și Farmacie "Grigore T. Popa" Iași (UMF Iași) (Romania), acting as the coordinator of this Committee on behalf of ARACIS.
- Professor Catalina Pisoschi, from the University of Medicine and Pharmacy Craiova (Romania).
- PhD student Gianluca Maros, from the Medicine, Pharmacy, Sciences and Technologies University of Targu Mures (Romania).

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<sup>1</sup> When applicable, gendered information will be presented as well.



The evaluation has taken place on-site for all the Expert Committees from 10th to 12th of March of 2025, The visit comprised buildings, facilities, laboratories both from Pharmacy School and Life Sciences Institute, and the animal research facility led by the Vice-Rector for Research, Projects and Doctoral Studies Strategy besides the director of the Multidisciplinary Doctoral School, Prof. dr. Anca Hermenean. Moreover, a wide range of internal evaluation reports and summaries about the Doctoral Studies for each domain has been provided in advance by the UVVG, whereas others upon requests (mainly some information in English). During that period, several working sessions and meetings with PhD students, employers, Doctoral School and other staff involved in Doctoral studies in the IOSUD-UVVG of Arad were organized in order to answer and clarify certain aspects of such documents. The meetings were arranged by Professor Hancianu on behalf of ARACIS, and conducted by her and Prof. dr. Hermenean on behalf of IOSUD-UVVG.

The Multidisciplinary Doctoral School was created in 2024 by the University Senate at IOSUD-UVVG through the merger of the Doctoral School of Biology and the Doctoral School of Medicine, as part of a reorganization of doctoral activities. The doctoral studies in the field of Pharmacy within this Multidisciplinary Doctoral School at the IOSUD-UVVG Arad are planned to be established in the next academic year (2025-2026). Prof. Dr. Anca Hermenean is the coordinator of these studies in IOUSD-UVVG, whereas Prof. Dr. Neli Kinga is the head of Multidisciplinary Doctoral School. Five-ten maximum PhD students are expected to be enrolled in the expertise domain of Pharmacy next year. These specific studies comprise 240 ECTS.

## II. Methods used

From March 10th to 12th, 2025, evaluation activities were conducted according to the institutional evaluation visit timetable for the IOSUD Doctoral study domain of Pharmacy at “Vasile Goldis” Western University of Arad. Prior to the visit, the Self-Evaluation Report for the Doctoral Studies Domain of Pharmacy and its 30 annexes were analyzed. Additionally, documents, data, and information available on the IOSUD-UVVG/Multidisciplinary Doctoral School website, [www.uvvg.ro](http://www.uvvg.ro), were reviewed. Thus, the methodology used in my evaluation included:

- The analysis of the internal evaluation report of the doctoral study domain under review and its appendixes.
- The analysis of documents, data and information available on the Doctoral School of IOSUD-UVVG website, in electronic format and some of them available in English;
- Informal inquiries with doctoral students in the doctoral study domains of Medicine and Biology (already implemented). Additional meetings face to face with other PhD students were conducted by the external evaluator Gianluca Maros on behalf of this sector for ARACIS);



- Informal meetings with the doctoral advisors in the doctoral study domain of Medicine;
- Meetings with the representatives of the various structures of the IOSUD-UVVG in which the doctoral study domain under review will operate: The Council of the Doctoral School, the Board of Directors, the Quality Assessment and Assurance Commission, the Quality Assurance Department, and the Ethics Commission;
- On-site visit to obtain objective information about the quality of educational program and infrastructures of UVVG-Arad.
- Other specific documents required and provided by Prof. Hermenean;

### III. Analysis of ARACIS's performance indicators

#### Domain A. INSTITUTIONAL CAPACITY

This section assesses the organizational structures and financial resources, as well as the research infrastructure of the IOSUD Western University "Vasile Goldiș" (UVVG) of Arad, concerning to the future Pharmacy domain in the Multidisciplinary Doctoral School, and according to different indicators.

#### Criterion A.1. Administrative and managerial institutional structures, and financial resources

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

UVVG of Arad is a well-organized and equipped university, with years of a proper functioning for the doctoral studies in the Medicine and Biology domains. Thus, it is expected a proper implementation of the new Pharmacy domain.

**Performance indicator A.1.1.1. The existence of specific regulations and their application at the level of the doctoral school that the doctoral domain is a part of:**

**a) the internal regulations of the doctoral school.**

Regulations on the organization and conduct of doctoral university studies at the "Vasile Goldiș" Western University of Arad (UVVG) are presented in **Annex 3**. The specific legislation concerning the organization and operation of the Multidisciplinary Sciences Doctoral School, which will include the Domain of Pharmacy, is found in Annexes 4 (frame for the internal organization and functioning of the Multidisciplinary Doctoral School of the IOSUD-UVVG, all domains and approved in February of 2024) and 5 (specific regulations



and general rules to implement such legislation). The specific regulations for the doctoral schools of Medicine and Biology are still separate on the English version of the website (screenshot in VII. Annexes).

- 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 the CSD, and evidence that such elections were conducted.**

The specific procedures were explained as requested by Prof. Hancianu for the director position and by me for the election of PhD students. Both procedures are conducted anonymously and are merit based, with each candidate's CV emailed to everyone. Results of previous elections in other domains were provided upon request.

- c) methodologies for organising and conducting doctoral studies (admission of doctoral students, completion of doctoral studies).**

This information is included in Annex 6 but nothing special to note.

- d) existence of mechanisms for recognising the status of a doctoral advisor and the equivalence of a doctoral degree obtained abroad.**

This point is discussed in Annexes 8 and 9. It is possible to recognize the quality of a doctoral supervisor and habilitation in the field of doctoral university studies, even if this certification was obtained abroad. There is a specific form provided: [ANEXĂ la Metodologia privind recunoașterea automată de către Universitatea „Dunărea de Jos” din Galați a calității de conducător de doctorat obținută în instituții de învățământ universitar acreditate din străinătate.](#)

- e) functional management structures (Council of the doctoral school), including proof of the regular frequency of convening their meetings.**

This information was provided to Prof. dr. Hancianu and Prof. dr. Pisoschi as requested. Although not all the period is comprised, we can observe a regular basis for the meetings.

- f) the contract for doctoral studies.**

It is comprised in Annex 11.

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

The training for doctoral study program of Pharmacy is depicted in Annex 23, whereas the procedure on the internal evaluation and monitoring of doctoral schools within the UVVG of Arad is shown in Annex 24. As requested by the PhD student Gianluca Maros, we could also check the content of the mandatory subjects for the first semester in Medicine/Biology. However, five subjects were missing to fill the second semester as planned. Thus, they completed the content of the other related subjects during the on-site visit.

PhD supervisors also organize conferences, webinars and workshops on a regular basis. PhD students are encouraged to attend, and their attendance is considered a secondary assessment criterion. PhD coordinator, Gianluca Maros, received a list of



ongoing conferences from the students and I also checked these through <https://www.uvvg.ro/category/news-doctorat/> ([Stiri de interes pentru doctoranzi](#)).

**Recommendations:** An English version of the doctoral studies for the Multidisciplinary School should be updated in the website, even more convenient with the future implementation of the Pharmacy domain.

I suggest increasing the dissemination of conferences through the general UVVG website in addition to the tab [Stiri de interes pentru doctoranzi](#) within IOSUD.

*The indicator is fulfilled.*

**Performance indicator A.1.1.2.** The doctoral school's Regulations include mandatory criteria, procedures and standards concerning the aspects specified in art. 17, para. (5) of Government Decision no. 681/2011 on the approval of the Code of Doctoral Studies, as further amended and supplemented.

*- description of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

*- analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself*

The doctoral school's 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. All the procedures were collected in different documents (Annex 3 and 4). The specific process of withdrawal / revocation of the quality of member of the School for Doctoral Studies, conflict mediation procedures, period of interruptions and extensions, etc. are comprised in Annex 4.

In addition, we could check the existence of an antiplagiarism program (Plagiat Sistem Antiplagiat Prin Internet Srl), with a previous contract provided in Annex 14 (finished in April of 2024) and a new one, valid until May 2025, was shown as requested. The Doctoral School's commitment to adhering to the plagiarism check mandate is also detailed in Annex 28. There were no claims by PhD students about this software, so we supposed a proper functioning of this.

**Recommendations:** While a valid anti-plagiarism program is sufficient to meet the mandatory criteria, I recommend that you also consider the future acquisition of a program capable of detecting artificially generated content.

*The indicator is fulfilled.*

**Standard A.1.2.** The IOSUD has the necessary logistic resources to carry out the mission of the doctoral studies.

They supplied all the required proof to demonstrate the availability of logistical resources essential for fulfilling the doctoral studies' objectives. In addition, the laboratory



equipment's diversity ensures coverage of all potential fields for thesis topics, which was confirmed through an onsite visit and Annexes 16 and 17.

Furthermore, access to the content of various bibliographic databases is also ensured through PROGRAMUL 5.10 (annex 27).

**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.

- *description of the status quo, findings from the documents provided by the institution under review and from the actual evaluation visit.*
- *analysis of the status quo, the findings from the documents provided by the institution under review and from the actual evaluation visit.*

The 'Academis' IT system at "Vasile Goldis" Western University of Arad tracks doctoral students' general data, including enrollment, and financial status, as already implemented. Another system providing access to students' academic backgrounds is being developed through European funding, but is not yet implemented. This deficiency for doctoral students and supervisors in the Medicine domain was noted in a previous assessment of doctoral studies at UVVG, and it is expected to be resolved when the Pharmacy domain begins. Thus, the institution provided us with the contract (signed in August 2024 but not applied yet) between Red Point Software Solutions and UVVG, under the European Union funding agreement and the National Recovery and Resilience Plan.

**Recommendations:** To accelerate the implementation of the new program so that it is implemented when the new doctoral studies begin.

*The indicator is partially fulfilled.*

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

- *description of the status quo, findings from the documents provided by the institution under review and from the actual evaluation visit.*
- *analysis of the status quo, the findings from the documents provided by the institution under review and from the actual evaluation visit.*

As previously mentioned, we verified the existence of an anti-plagiarism program (Plagiat Sistem Antiplagiat Prin Internet Srl). A previous contract, provided in Annex 14 and expiring in April 2024, was noted. A new contract, valid until May 2025, was presented as requested; additionally, another one active until 2026 is pending of signature. The Doctoral School's commitment to adhering to the plagiarism check mandate is detailed in Annex 28, and a report of previous anti-plagiarism checks is shown in Annex 15. Since there were no complaints from PhD students regarding this software, we assume it is functioning properly.



**Recommendations:** As mentioned before, although an anti-plagiarism tool fulfills the basic requirements, I suggest looking into acquiring software that can also identify AI-generated material in the future.

*The indicator is fulfilled.*

## Criterion A.2. Research infrastructure

### Standard A.2.1. The IOSUD has a modern research infrastructure to support the performance of specific doctoral study activities.

Vasile Goldis” Western University of Arad demonstrated the existence of an up-to-date research infrastructure, essential for doctoral studies, by providing all required documentation.

The laboratory equipment's diversity ensures coverage of all potential fields for thesis topics, which was confirmed through an onsite visit and Annexes 16 and 17. Additionally, the IOSUD-UVVG possess a research facility for animal experiments, which is annually audited (inspected number of animals used, killed, proper functioning of systems,...). A Botanical Garden was also exposed as an additional location to learning and research, but it cannot finally be assessed.

**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.

- *description of the status quo, findings from the documents provided by the institution under review and from the actual evaluation visit.*
- *analysis of the status quo, the findings from the documents provided by the institution under review and from the actual evaluation visit.*

IOSUD-UVVG provides comprehensive logistical resources for doctoral studies at the Vasile Goldis University Campus in Arad. These resources include offices, meeting rooms, presentation spaces, lecture halls, computer labs, a conference hall, and a medical library with extensive digital database access and study spaces.

Preclinical research is conducted at the Institute of Life Sciences “Aurel Ardelean,” featuring specialized laboratories for animal biobanking, microscopy, electron microscopy, and molecular biology. Clinical research takes place in university and affiliated hospital facilities.

Access to research facilities, including the Institute of Life Sciences, is granted to doctoral students via card access, allowing for extended hours to support their research activities.



This ensures that students have flexible access to the necessary resources to effectively conduct their studies and research.

*Recommendations:* No recommendations in that point.

*The indicator is fulfilled.*

### Criterion A.3. Quality of human resources

**Standard A.3.1. For each domain, there is qualified staff having the experience required for carrying out the doctoral program.**

The “Vasile Goldis” Western University of Arad Doctoral School for the Medicine domain provided all necessary evidence to confirm the adequacy or not of qualified staff for ensuring quality education and research activities within the doctoral studies.

**Performance indicator A.3.1.1.** Minimum three doctoral thesis advisors work 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.

- *description of the status quo, findings from the documents provided by the institution under review and from the actual evaluation visit.*
- *analysis of the status quo, the findings from the documents provided by the institution under review and from the actual evaluation visit.*

At the moment, there are four PhD supervisors already accredited, whose CV were provided for three of them (Annex 21 and subannexes; Annex 22 to details about the fulfillment of their minimum standards). One of the CV is missing. All the habilitation ministerial orders of these four PhD supervisors were provided in the onsite dossier. The fifth thesis advisor, Prof. univ. dr. Simona Alexandrina Ardelean, is under evaluation.

*Recommendations:* Although this performance indicator is met, I encourage them to continue the effort of recruitment supervisors for the future years, when the domain of Pharmacy is established.

*The indicator is fulfilled.*

**Performance indicator\* A.3.1.2.** At least 50% of the doctoral advisors in the doctoral domain under review are tenured professors within the IOSUD and have a full-time employment contract for an indefinite period.

- *description of the status quo, findings from the documents provided by the institution under review and from the actual evaluation visit.*
- *analysis of the status quo, the findings from the documents provided by the institution under review and from the actual evaluation visit.*

Full-time employment contracts for an indefinite period with the IOSUD were provided as requested, and the fulfillment of this criterion was checked.

*Recommendations:* No recommendations.



*The indicator is 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 associate professors / 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.

- *description of the status quo, findings from the documents provided by the institution under review and from the actual evaluation visit.*
- *analysis of the status quo, the findings from the documents provided by the institution under review and from the actual evaluation visit.*

Annex 20 lists all the teachers and their respective subjects within the Pharmacy domain. The content for each subject was provided as requested for the whole year (2 semesters). However, some differences were found between Annex 20 and the information provided (the teachers for some subjects are different-i.e. *Etica și integritate academică, Modele experimentale animale utilizate în cercetarea biomedicală și farmaceutică*).

**Recommendations:** No strong recommendations are made at that point, but it would enhance the program's appeal to link each subject with its corresponding final teacher on the website, allowing for review of their background and research experience or at least their domain of expertise.

*The indicator is fulfilled.*

**Standard A.3.2.** The doctoral advisors within the doctoral domain are carrying out a scientific activity that is visible at international level.

The UVVG of Arad provided all necessary evidence in order to confirm the visibility of scientific activity at the international level.

**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 indicate progress in scientific research - development - innovation for the evaluated domain. The aforementioned doctoral thesis advisors enjoy international visibility within the past 5 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 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 5 years by their membership



on the boards of professional associations, membership in organising committees of arts events and international competitions, membership on juries or umpire teams in artistic events or international competitions.

- *description of the status quo, findings from the documents provided by the institution under review and from the actual evaluation visit.*
- *analysis of the status quo, the findings from the documents provided by the institution under review and from the actual evaluation visit.*

The CV of three out of four PhD advisors were provided in Annex 21 and subannexes. In addition, Annex 22 comprises a list of minimum standards to be an advisor with a detailed list of publications. Thus, 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.

However, the rest of the indicator performance (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) could not be found. Therefore, these other achievements were missing either because they were not possessed or they were omitted due to oversight. Nevertheless, their participation in international conferences with a poster or oral communication is proved (i.e. annex 21.2 pages 19 and 20).

**Recommendations:** Although this indicator is met with the record of publications, we encourage continued efforts to achieve further international achievements or to explicitly detail them in the CV.

*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 5 years.

- *description of the status quo, findings from the documents provided by the institution under review and from the actual evaluation visit.*
- *analysis of the status quo, the findings from the documents provided by the institution under review and from the actual evaluation visit.*

All the three PhD supervisors in the domain of Pharmacy, whose CV is available in Annexes 21 and 22, maintain activity in their scientific field, with numerous publications in the last five years, some in the last year (i.e. Annex 21.1, page 20). Only one of the PhD advisors did not meet one criterion (25%\*mínimo 10 artículos/SI como autor principal, Annex 22, page 1) required by the minimum standards CNATDCU in force at the date of evaluation, necessary and mandatory to obtain the certificate of qualification.

**Recommendations:** No recommendations far from meeting the pointed criterion.

*The indicator is partially fulfilled.*



## Domain B. EDUCATIONAL EFFECTIVENESS.

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

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

Performance indicator\* B.1.2.1. Admission in the doctoral study programmes is based on selection criteria including the academic, research and professional performance of the candidates; their interest for scientific or artistic/sports research; publications in the domain, and a proposal of a research subject. Interviewing the candidate is mandatory as part of the admission procedure.

- *description of the status quo, findings from the documents provided by the institution under review and from the actual evaluation visit.*
- *analysis of the status quo, the findings from the documents provided by the institution under review and from the actual evaluation visit.*

Although this criterion cannot be properly assessed because the program has not started, it is expected to follow the way of admission for the other domains within the Multidisciplinary Doctoral School. Admission to doctoral studies is based on a methodology that is approved annually by the University Senate and which includes general conditions for participation in the competition, registration, admission, enrollment, as well as the admission calendar, which are visible to candidates on the university's website (Annex 6 – *Methodology for admission to doctoral studies at the Vasile Goldis Western University of Arad for the academic year 2024-2025; Senate Decision no. 23/16.02.2024*). This procedure was also described in the page 12 of the SELF-EVALUATION REPORT Field of Doctoral Studies PHARMACY

*Recommendations:* No recommendations.

*The indicator is fulfilled/partially fulfilled/not fulfilled.* This criterion cannot be assessed because the program has not started yet.

## Criterion B.2. The content of the doctoral programs

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

The content for each subject was provided as requested for the whole year (2 semesters).

Performance indicator B.2.1.1. The training program based on advanced academic studies includes at least 3 disciplines relevant for the scientific research training of



doctoral students, out of which at least one discipline focuses on the in-depth study of research methodology and/or statistical data processing.

- *description of the status quo, findings from the documents provided by the institution under review and from the actual evaluation visit.*
- *analysis of the status quo, the findings from the documents provided by the institution under review and from the actual evaluation visit.*

These two disciplines "Metode moderne de cercetare științifică" and "Prelucrări statistice ale datelor experimentale" are intended to study in-depth the research methodology and/or the statistical data processing.

During the onsite visit, it was proposed a similar program to the domain of Medicine, with 2 semesters instead of one. Hence, new subjects were proposed ("Studii in Silico", "Etic Cercetarii Farmaceutice", "Comunicarea in Domeniul Farmaceutic") and some teaching differences were found between Annex 20 and the information provided (the teachers for some subjects are different-i.e. "Etica și integritate academică", "Modele experimentale animale utilizate în cercetarea biomedicală si farmaceutică").

Furthermore, regular presentations (conferences and workshops) are organized in the doctoral school. The announcements can be found in <https://www.uvvg.ro/category/news-doctorat/> ([Stiri de interes pentru doctoranzi](#)).

**Recommendations:** In addition to the two-semester extension, it is recommended that the new proposed subjects offer new content and not overlap with the previous ones ("Etica și integritate academică" versus "Etic Cercetarii Farmaceutice"; "Comunicare și prezentare științifică" versus "Comunicarea in Domeniul Farmaceutic").

*The indicator is partially fulfilled.*

**Performance indicator B.2.1.2.** At least one discipline is dedicated to ethics in scientific research and intellectual property, or there are well-defined topics on these subjects within a discipline taught in the doctoral program.

- *description of the status quo, findings from the documents provided by the institution under review and from the actual evaluation visit.*
- *analysis of the status quo, the findings from the documents provided by the institution under review and from the actual evaluation visit.*

According to the information provided as requested, two disciplines are dedicated to Ethics and Intellectual Property: "Etica și integritate academică" and "Etic Cercetarii Farmaceutice".

**Recommendations:** As mentioned in the previous recommendation, it is expected that there will not be overlapping between these two subjects. "Etic Cercetarii Farmaceutice" has a more specific field of performance with clinical studies possessing particular ethical requirements.

*The indicator is fulfilled.*

**Performance indicator B.2.1.3.** The IOSUD has the mechanisms in place to ensure that the academic training program based on advanced higher education studies related to the evaluated domain addresses the "learning outcomes", specifying the knowledge,



skills, and the responsibility and autonomy that doctoral students should acquire after completing each discipline or through the research activities<sup>2</sup>.

- *description of the status quo, findings from the documents provided by the institution under review and from the actual evaluation visit.*
- *analysis of the status quo, the findings from the documents provided by the institution under review and from the actual evaluation visit.*

Within IOSUD-UVVG, the doctorate is a scientific approach for obtaining original and relevant results and represents an advanced form of learning through research, contributing to the development of professional skills in specialized fields, as well as transversal skills. The competences provided by doctoral studies (professional and transversal) can be found in the Regulation on the organization and functioning of IOSUD-UVVG Art.30 (Annex 3).

*Recommendations:* No recommendations at this point.

*The indicator is fulfilled.*

## DOMAIN C. QUALITY MANAGEMENT

The quality management of the UVVG of Arad Multidisciplinary Doctoral School was found as a compliant field.

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

Standard C.1.1. The institutional framework is in place, and policies and procedures are applied for the internal assurance of the relevant quality.

Performance indicator C.1.1.1. The doctoral school to which the doctoral study domain belongs demonstrates that the internal evaluation and quality assurance process of the study domain is carried out constantly, according to a procedure developed and applied at the level of the IOSUD, including an evaluation of the following mandatory criteria:

- a) the scientific work of doctoral advisors;
- b) the infrastructure and logistics needed for carrying out the research activity;
- c) the regulations and procedures based on which doctoral studies are organised;
- d) the scientific activity of doctoral students;
- e) the training program based on advanced higher education studies of doctoral students;
- f) social and academic support services (including for participation in various events, publishing papers, etc.) and counselling services available for the doctoral students.

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<sup>2</sup> Or by what the graduate should know, understand and be able to do, according to the provisions of the Methodology for the listing and registration of higher education qualifications in the National Register of Qualifications in Higher Education (RNCIS) approved by the Order of the Minister of National Education no.3475/2017 with subsequent amendments and additions.



- *description of the status quo, findings from the documents provided by the institution under review and from the actual evaluation visit.*
- *analysis of the status quo, the findings from the documents provided by the institution under review and from the actual evaluation visit.*

A meeting was held on Tuesday, March 11th, with two members of the Quality Council to clarify several important questions. The council's composition was explained, with emphasis on legal compliance (i.e., the Quality Council must not include members with additional executive functions).

After the first year of the doctoral studies, a Questionnaire regarding the quality of the Advanced Academic Training Program (Annex 26) is delivered to the students. After the end of the PhD studies, another survey is sent to the former students (Annex 25). This procedure is an additional way to assess the continuous development of the evaluation process and its internal quality assurance following a procedure developed and applied at the level of the IOSUD.

Regarding item a), all the ISI Articles where each PhD supervisor is author and co-author are listed, as well as the Hirsch Web of Science Index for all of them (Annex 18).

Concerning item b), onsite visit and Annexes 16 and 17 provided all the information.

With regards to item c), Annex 3 show the regulation on the organization and conduct of doctoral university studies at the "Vasile Goldiș" Western University of Arad (UVVG). Annexes 4 and 5 the specific rules for the domain of Pharmacy.

Item d) is not applicable.

The item e) is comprised in the detailed program for the domain of Pharmacy (Annexes 20 and 23) but amendments to this were required during the onsite visit. Therefore, a revised-two semester program was provided.

Doctoral students will have free access to the IOSUD-UVVG library and all literature resources provided by PROGRAMUL 5.10, as stipulated in the contract between UVVG and ANELIS PLUS. Thus, online databases will be available: Subscribed databases, free trial databases, open access databases, institutional digital repositories and other digital libraries.

*Recommendations:* No recommendations.

*The indicator is partially fulfilled.*

**Performance indicator\* C.1.1.2.** Mechanisms are implemented during the doctoral study program to enable identification of the doctoral students' 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.

- *description of the status quo, findings from the documents provided by the*



- *institution under review and from the actual evaluation visit.*
- *analysis of the status quo, the findings from the documents provided by the institution under review and from the actual evaluation visit.*

Annexes 25 and 26 are a way to assess the overall level of satisfaction.

*Recommendations:* No recommendations.

*The indicator is fulfilled.*

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

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

Performance indicator C.2.1.1. Subject to compliance with the data protection regulations in force, the IOSUD publishes the following types of information on the website of the higher education institution:

- a) the regulations of the doctoral school;
  - b) the admission regulations;
  - c) the doctoral study contract;
  - d) the study completion regulation including the procedure for the public presentation of the thesis;
  - e) the content of the training programs 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 in the domain concerned, with basic information (year of enrolment; advisor);
  - h) information on the standards for developing the doctoral thesis;
  - i) links to the summaries of the doctoral theses to be presented publicly, as well as the day, time and place where they will be presented, at least 20 days before the presentation.
- *description of the status quo, findings from the documents provided by the institution under review and from the actual evaluation visit.*
  - *analysis of the status quo, the findings from the documents provided by the institution under review and from the actual evaluation visit.*

The website of the Multidisciplinary Doctoral School is flourished with plenty of links to the corresponding procedure for each ongoing domain. So, it is clear that they pays special attention to the dissemination of information of interest to doctoral students and potential candidates.

*Recommendations:* I have two recommendations at this point: One of them is related to the English version of IOSUD website. It must be updated with the information merged from each pre-existing domain.



The other recommendation concerns consolidating common information (procedures, ethic, methodologies, etc.) for the Multidisciplinary Doctoral School onto a single webpage. Only domain-specific information should be shown separately (i.e., PhD coordinator for the domain, PhD supervisors, number of students under supervision, etc.).

*The indicator is fulfilled.*

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

**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.

- *description of the status quo, findings from the documents provided by the institution under review and from the actual evaluation visit.*
- *analysis of the status quo, the findings from the documents provided by the institution under review and from the actual evaluation visit.*

All PhD students are granted free access to a platform containing a variety of academic databases crucial for medical research. These include journals and e-books: ScienceDirect Freedom Collection (Elsevier), SpringerLink Journals (Springer), Web of Knowledge (Clarivate Analytics), Wiley Journals, and Nature Journals (Annex 27).

*Recommendations:* No recommendations.

*The indicator is fulfilled.*

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

- *description of the status quo, findings from the documents provided by the institution under review and from the actual evaluation visit.*
- *analysis of the status quo, the findings from the documents provided by the institution under review and from the actual evaluation visit.*

Each doctoral student has access in advance, upon request and paying a fee, to the electronic system (Plagiat-Sistem Antiplagiat prin Internet SRL, Annex 14) for verifying the degree of similarity with other existing scientific or artistic works according to the internal regulation of the “Vasile Goldis” Western University of Arad Doctoral School for Medicine (Annex 28).

*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 a set of internal regulations.



- *description of the status quo, findings from the documents provided by the institution under review and from the actual evaluation visit.*
- *analysis of the status quo, the findings from the documents provided by the institution under review and from the actual evaluation visit.*

Access to research facilities, including the Institute of Life Sciences, is granted to doctoral students via card access, allowing for extended hours to support their research activities. This ensures that students have flexible access to the necessary resources to effectively conduct their studies and research.

*Recommendations:* No recommendations.

*The indicator is fulfilled.*

## SWOT analysis

<b><u>Strengths:</u></b>	<b><u>Weaknesses:</u></b>
<p>-The domain of Pharmacy originates within a well-established multidisciplinary doctoral school with a long history and demonstrated capacity for adaptation, as evidenced by the merger of Biology and Medicine domains.</p> <p>-The domain of Pharmacy will be developed within a faculty of Pharmacy, so this might be the suitable forum to enroll a significant number of graduate students prone to continue their academic career.</p> <p>-Certain level of expertise exchange and internationalization was shown in other domains of the Doctoral school where the domain of Pharmacy is. Thus, UVVG has several ERASMUS+ inter-institutional agreements with various higher education institutions abroad, specially located in Hungary. Furthermore, some institutions, such as Marseille University, accept PhD students of the domain of Medicine on the condition that they cover their own transportation and living expenses, so we can expect the same for the domain of Pharmacy.</p> <p>-Good consideration by PhD students of other domains about the knowledge and skills acquired through other doctoral studies.</p>	<p>-The PhD supervisors for the Pharmacy domain do not currently have any active research projects. Therefore, financial support to initiate experimental work within a PhD thesis will rely on university resources. This situation is clearly different from PhD students from the domain of Medicine.</p> <p>-Besides the stuff for getting the thesis research going, they could probably use more staff to support the doctoral candidates. This issue, and the cost involved, can't be overlooked before launching the program.</p> <p>-Some tentative topics proposed by the supervisors, such as homeopathy, could be controversial and potentially hinder the acquisition of future funding due to its lack of scientific consensus and evidence.</p>



<b><u>Opportunities:</u></b>	<b><u>Threats:</u></b>
<p>-Previous agreements of the IOSUD-UVVG with national and international universities, and European research collaborations, provide valuable models for promoting the internationalization of the Pharmacy doctoral program once started.</p> <p>-Former collaborations with industry could support the program's research while also providing valuable contributions to the companies' own research attempts, creating a mutually beneficial exchange. Thus, the Faculty of Pharmacy potentially has opportunities to build a solid and more applied doctoral program.</p>	<p>-Even though the doctoral program comes from the Pharmacy Faculty, they'll need to work hard to promote it to future students and make it feasible.</p> <p>-Without immediate external funding, there is a significant risk of either preventing the initiation of PhD experiments or reducing their quality once started.</p>

### Overview of judgments awarded and of the recommendations

No.	Type of indicator (PI, PI*, CPI)	Performance indicator	Judgment	Recommendations
1.	PI	<p><b>A.1.1.1.</b> The existence of specific regulations and their application at the level of the doctoral school that the doctoral domain is a part of:</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 the CSD, and evidence that such elections were conducted;</p> <p>c) methodologies for organising and conducting doctoral studies (admission of doctoral students, completion of doctoral studies);</p> <p>d) existence of mechanisms for recognising the status of a doctoral advisor and the equivalence of a doctoral degree obtained abroad;</p> <p>e) functional management structures (Council of the doctoral school), including proof of the regular frequency of convening their 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>	<b><i>Fulfilled</i></b>	<p>An English version of the doctoral studies for the Multidisciplinary School should be updated in the website, even more convenient with the future implementation of the Pharmacy domain. The specific regulations for the doctoral schools of Medicine and Biology are still separate on the English version of the website.</p> <p>I suggest increasing the dissemination of conferences through the general UVVG website in addition to the tab <u>Stiri de interes pentru doctoranzi</u> within IOSUD.</p>

No.	Type of indicator (PI, PI*, CPI)	Performance indicator	Judgment	Recommendations
2.	PI	A.1.1.2. The doctoral school's Regulations include mandatory criteria, procedures and standards concerning the aspects specified in art. 17, para. (5) of Government Decision no. 681/2011, as further amended and supplemented.	<b>Fulfilled</b>	While a valid anti-plagiarism program is sufficient to meet the mandatory criteria, I recommend that you also consider the future acquisition of a program capable of detecting artificially generated content.
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.	<b>Partially fulfilled</b>	<p>A system providing access to students' academic backgrounds is being developed through European funding, but is not yet implemented. This deficiency for doctoral students and supervisors in the Medicine domain was noted in a previous assessment of doctoral studies at UVVG, and it is expected to be resolved when the Pharmacy domain begins. Thus, the institution provided us with the contract (signed in August 2024 but not applied yet) between Red Point Software Solutions and UVVG, under the European Union funding agreement and the National Recovery and Resilience Plan.</p> <p>Therefore, my recommendation is to accelerate the implementation of the new program so that it is running when the new doctoral studies begin.</p>
4.	PI	A.1.2.2. The existence and use of an appropriate software and evidence of its use to verify the percentage of similarity in all doctoral theses.	<b>Fulfilled</b>	As mentioned before, although an anti-plagiarism tool fulfills the basic requirements, I suggest looking into acquiring software that can also identify AI-generated material in the future.
5.	CPI	A.2.1.1. The venues and the material equipment available to the IOSUD/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.	<b>Fulfilled</b>	No recommendations in that point.
6.	CPI	A.3.1.1. Minimum three doctoral thesis advisors work 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	<b>Fulfilled</b>	Although this performance indicator is met, I encourage them to continue the effort of recruitment supervisors for the future years, when the domain of Pharmacy was established.



No.	Type of indicator (PI, PI*, CPI)	Performance indicator	Judgment	Recommendations
		required and mandatory for obtaining the enabling certification.		
7.	PI *	<b>A.3.1.2.</b> At least 50% of the doctoral advisors in the doctoral domain under review are tenured professors within the IOSUD and have a full-time employment contract for an indefinite period.	<b>Fulfilled</b>	No recommendations at this point, since full-time employment contracts for an indefinite period with the IOSUD were provided as requested, and the fulfillment of this criterion was checked.
8.	PI	<b>A.3.1.3.</b> The study subjects in the education programme 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 associate professors / 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.	<b>Fulfilled</b>	No strong recommendations are made at that point, but it would enhance the program's appeal to link each subject with its corresponding final teacher on the website, allowing for review of their background and research experience or at least their domain of expertise.
9.	CPI	<b>A.3.2.1.</b> 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 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 organising committees of arts events and international competitions, membership on juries or umpire teams in artistic events or international competitions.	<b>Fulfilled</b>	Although this indicator is met with the record of publications at least for three out of the four PhD advisors whose CV were provided (one is missing), we encourage continued efforts to achieve further international achievements or to explicitly detail these merits in the CV. Thus, the rest of the indicator performance (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) could not be found. Hence, these other achievements were missing either because they were not possessed or they were omitted due to oversight. Their participation in international conferences with a poster or oral communication is proved though.



No.	Type of indicator (PI, PI*, CPI)	Performance indicator	Judgment	Recommendations
10.	PI *	<b>A.3.2.2.</b> 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.	<b>Partially fulfilled</b>	Only one of the PhD advisors did not meet one criterion (25%*minimo 10 artículos/SI como autor principal, Annex 22, page 1) required by the minimum standards CNATDCU in force at the date of evaluation, necessary and mandatory to obtain the certificate of qualification. No recommendations far from meeting the pointed criterion
11.	PI *	<b>B.1.2.1.</b> Admission in the doctoral study programmes is based on selection criteria including the academic, research and professional performance of the candidates; their interest for scientific or artistic/sports research; publications in the domain, and a proposal of a research subject. Interviewing the candidate is mandatory as part of the admission procedure.	This criterion cannot be assessed because the program has not started.	
12.	PI	<b>B.2.1.1.</b> The training program based on advanced academic studies includes at least 3 disciplines relevant for the scientific research training of doctoral students, out of which at least one discipline focuses on the in-depth study of research methodology and/or statistical data processing.	<b>Partially fulfilled</b>	During the onsite visit, it was proposed a similar program to the domain of Medicine, with 2 semesters instead of one. Hence, new subjects were proposed. Thus, besides the two-semester extension, it is also recommended that the new proposed subjects offer new content and not overlap with the previous ones ("Ética și integritate academică" versus "Etic Cercetării Farmaceutice"; "Comunicare și prezentare științifică" versus "Comunicarea în Domeniul Farmaceutic").
13.	PI	<b>B.2.1.2.</b> 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.	<b>Fulfilled</b>	As mentioned in the previous recommendation, it is expected that there will not be overlapping between the two subjects related to Ethics and Intellectual Property. "Etic Cercetării Farmaceutice" has a more specific field of performance with clinical studies possessing particular ethical requirements.
14.	PI	<b>B.2.1.3.</b> The IOSUD has the mechanisms in place to ensure that the academic training program based on advanced higher education studies related to the evaluated domain addresses the "learning outcomes", specifying the knowledge, skills, and the responsibility and autonomy that doctoral students should acquire after completing each discipline or through the research activities.	<b>Fulfilled</b>	No recommendations at this point.
15.	PI	<b>C.1.1.1.</b> The doctoral school to which the doctoral study domain belongs	<b>Partially fulfilled</b>	Amendments to the detailed program for the domain of Pharmacy (Annexes 20 and 23) were required during the onsite visit. A revised-two semester program was

No.	Type of indicator (PI, PI*, CPI)	Performance indicator	Judgment	Recommendations
		<p>demonstrates that the internal evaluation and quality assurance process of the study domain is carried out constantly, according to a procedure developed and applied at the level of the IOSUD, including an evaluation of the following mandatory criteria:</p> <ul style="list-style-type: none"> <li>a) the scientific work of doctoral advisors;</li> <li>b) the infrastructure and logistics needed for carrying out the research activity;</li> <li>c) the regulations and procedures based on which doctoral studies are organised;</li> <li>d) the scientific activity of doctoral students;</li> <li>e) the training program based on advanced higher education studies of doctoral students;</li> <li>f) social and academic support services (including for participation in various events, publishing papers, etc.) and counselling services available for the doctoral students.</li> </ul>		provided.
16.	PI *	<p><b>C.1.1.2.</b> Mechanisms are implemented during the doctoral study program to enable identification of the doctoral students' 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.</p>	<b>Fulfilled</b>	No recommendations at this point.
17.	CPI	<p><b>C.2.1.1.</b> Subject to compliance with the data protection regulations in force, the IOSUD publishes the following types of information on the website of the higher education institution:</p> <ul style="list-style-type: none"> <li>a) the internal regulations of the doctoral school;</li> <li>b) the admission regulations;</li> <li>c) the doctoral study contract;</li> <li>d) the study completion regulation including the procedure for the public presentation of the thesis;</li> <li>e) the content of the training programs based on advanced academic studies;</li> <li>f) the academic and scientific profile, thematic areas/research themes of the doctoral advisors within the domain, as well as their institutional contact data;</li> <li>g) the list of doctoral students in the domain concerned, with basic information (year of enrolment; advisor);</li> </ul>	<b>Fulfilled</b>	<p>I have two recommendations at this point: One of them is related to the English version of IOSUD website. It must be updated with the information merged from each pre-existing domain.</p> <p>The other recommendation concerns consolidating common information (procedures, ethic, methodologies, etc.) for the Multidisciplinary Doctoral School onto a single webpage. Only domain-specific information should be shown separately (i.e., PhD coordinator for the domain, PhD supervisors, number of students under supervision, etc.).</p>



No.	Type of indicator (PI, PI*, CPI)	Performance indicator	Judgment	Recommendations
		h) information on the standards for developing the doctoral thesis; i) links to the summaries of the doctoral theses to be presented publicly, as well as the day, time and place where they will be presented, at least 20 days before the presentation.		
18.	PI	<b>C.2.2.1.</b> All doctoral students have free access to one platform providing academic databases relevant to the doctoral studies domain of their thesis.	<b>Fulfilled</b>	No recommendations.
19.	PI	<b>C.2.2.2.</b> Each doctoral student, upon request, has access to an electronic system for verifying the degree of similarity with other existing scientific or artistic works.	<b>Fulfilled</b>	No recommendations.
20.	PI	<b>C.2.2.3.</b> All doctoral students have access to the scientific research laboratories or to other facilities depending on the specific domain / domains within the doctoral school, according to a set of internal regulations.	<b>Fulfilled</b>	No recommendations.

*The recommendations included in the report under the analysis of indicators will be reiterated here. Other, general recommendations that do not fall under a specific indicator may be formulated as well.*

*VERY IMPORTANT!!! – Each weakness identified must be associated with at least one recommendation for improvement!*

## Conclusions and general recommendations

The thoroughly reading and assessment of all the internal reports, the clarification of some inquiries during onsite visit and meetings with different councils and staff, besides consulting the website of UVVG has led me to confirm that 18 out of 35 indicators are fulfilled, with the exceptions of A.1.2.1., A.1.3.1., A.3.2.2., B.2.1.1., B.2.1.5., and C.1.1.1. indicators, which are partially fulfilled (n=6). In addition, due to the unstarted nature of this doctoral program, the indicators A.1.3.2., A.1.3.3., B.1.1.1., B.1.2.1., B.1.2.2., B.3.1.1., B.3.1.2., B.3.2.1., B.3.2.2., C.3.1.2., and C.3.1.3. can not be assessed (n=11). Hence, without consideration of non-assessed criteria, the rate of fulfillment is 75 % (18 out of 24 possible indicators), so most of the critical performance indicators are fulfilled.

The doctoral studies for the domain of Pharmacy will start within a solid and already well-established institution, UVVG of Arad, with a long-history doctoral school. This might provide with a consistent beginning to the new domain, but additional and constant further efforts have to be done to keep that pace. Strongly recommendations are done to search



funding by the next PhD supervisors of the domain of Pharmacy in order to support future experiments and eventually, additional staff if needed.

Collaborations and agreements with other institutions (national and international) and with private companies should be sought or enhanced if already existing in the institution.

In conclusion, I have a favourable opinion about the assessment and I support the accreditation of the doctoral program in the domain of Pharmacy in UVVG of Arad.

## Annexes

- *The detailed schedule of the evaluation visit (Calendar evaluare nou DSUD\_Farmacie\_Univ Vasile Goldis Arad.doc)*
- *Scanned documents – any document requested from the IOSUD during the evaluation visit and received, which is not found in the internal evaluation file received before the visit and referred to in the report.*

### Scan 1.

The image shows a scanned document with the following content:

**UNIVERSITATEA DE VEST „VASILE GOLDIȘ” din ARAD**  
310025 Arad, România Bd. Revoluției nr. 94-96, tel./fax 0040/0257/280260, e-mail: rectorat@uvvg.ro, web: www.uvvg.ro

**ROMÂNIA**  
MINISTERUL EDUCAȚIEI  
**UNIVERSITATEA DE VEST „VASILE GOLDIȘ” din ARAD**  
310025 Arad, România Bd. Revoluției nr. 94-96, tel./fax 0040/0257/280260, e-mail: rectorat@uvvg.ro, web: www.uvvg.ro

I.O.S.U.D. - Universitatea de Vest „VASILE GOLDIȘ” din ARAD  
**INTRARE/IEȘIRE Nr. 16**  
Ziua 12 Luna 07 2024

**PROCEDURA DE ACCES A STUDENȚILOR DOCTORANZI IN CADRUL INSTITUTULUI DE ȘTIINȚE ALE VIETII “Aurel Ardelean”**

Studenții Doctoranzi din cadrul Școlilor Doctorale de Biologie și Medicină pot participa la realizarea activității de cercetare din cadrul laboratoarelor Institutului de Științe ale Vieții “Aurel Ardelean”, după avizarea dosarului de către conducerea ISV, care va cuprinde:

1. Cerere de intenție semnată de student și conducătorul de doctorat
2. Planul de cercetare și justificarea accesului la infrastructură conform obiectivelor și activităților prevăzute în teză
3. Avizul etic al Comisiei de Etică a Cercetării
4. Avizul Comisiei de Etică a Spitalului Clinic Județean de Urgență Arad (unde e cazul)
5. Autorizare din partea Autorității Sanitar-Veterinare și Pentru Siguranța Alimentară (unde e cazul)
6. Detalierea sursei de finanțare pentru reactivi, consumabile, etc. (proiect de cercetare/alte surse de finanțare)

**Accesul doctoranzilor în laboratoarele ISV**  
Accesul doctoranzilor din anul I în laboratoare se va realiza doar în prezența și sub îndrumarea unui tutore (asistent de cercetare sau cercetător III din ISV, sau membru al comisiei de îndrumare care are expertiză practică specifică).

Doctoranzii care au dobândit o experiență de cel puțin un an pe un anumit echipament de cercetare, pot lucra singuri, dar fiecare utilizare trebuie consemnată în Caietul de prezență al echipamentului (Nume și prenume, data, intervalul orar, consemnarea stării echipamentului la începutul și la sfârșitul perioadei de utilizare).

**Derularea activității de cercetare în laboratoarele ISV se realizează cu:**

- Respectarea Normelor interne de Protecție a Muncii
- Respectarea Regulamentului de colectare a deșeurilor și substanțelor periculoase



- **Screenshot 1.**

The specific regulations for the doctoral schools of Medicine and Biology are still separate on the English version of the website



UNIVERSITATEA DE VEST  
"VASILE GOLDIȘ"  
din ARAD

	UNIVERSITY	FACULTIES	RESEARCH	ENTREPRENEURSHIP	STUDENTS
		Legal Framework		PROFESSIONAL TRAINING	Alumni
		University Organization			
Prof. Anca F		Faculties			
		Branches			
Mem		Representation centers			
		Public documents			
Prof. Maria F		I.O.S.U.D.			Doctoral School of Medicine
Prof. Alexan		UCMHS			Doctoral School of Biology
Prof. Istvan					

*In Malaga (Spain), at 13<sup>th</sup> of March of 2025*

*Signed: CARMEN MARÍA GONZÁLEZ DOMENECH*