HOTĂRÂRE

privind validarea rezultatelor procedurilor de evaluare externă a calității educației

Având în vedere prevederile generale şi specifice aferente proceselor sau procedurilor privind:

- **evaluarea externă a calităţii şi validarea rezultatelor cuprinse în Rapoartele de evaluare externă:** art. 223-226, art. 229-230 şi art. 249 alin. (1) lit. f), g) şi h) din Legea nr. 199/2023 a învățământului superior nr. 199/2023, cu modificările şi completările ulterioare, denumită în continuare Legea, precum şi în Metodologia de evaluare externă a calității educației în învățământul superior, aprobată prin Hotărârea Guvernului nr. 962/2024, cu modificările şi completările ulterioare, denumită în continuare Metodologia;

- **autorizarea** de funcţionare provizorie **pentru programele de studii universitare din ciclul I de licenţă:** art. 235 alin. (1) lit. a) şi lit. b) pct. (ii), alin. (2)-(5) şi art. 236 alin. (1)-(2) din Lege;

art. 27, art. 29 şi art. 32-33, coroborate cu art. 59, art. 62 şi art. 63 din Metodologie;

- **autorizarea pentru domeniile de studii universitare din ciclul II de masterat:** art. 235 alin. (1) lit. a) şi lit. b) pct. (iii), alin. (2)-(5) şi art. 236 alin. (1)-(2) din Lege; art. 27-29 şi art. 34-35, coroborate cu art. 59, art. 62 şi art. 63 din Metodologie;

- **autorizarea pentru domeniile de studii universitare din ciclul III de doctorat:** art. 235 alin. (1) lit. b) pct. (iv), alin. (2)-(5) şi art. 236 alin. (1) şi (3) din Lege; art. 27-29 şi art. 37-38, coroborate cu art. 59, art. 62 şi art. 63 din Metodologie;

- **acreditarea pentru programele de studii universitare din ciclul I de licenţă:** art. 239 alin. (1) lit. b) şi alin. (6)-(7), art. 240 alin. (1) din Lege; art. 39-40 şi art. 42, coroborate cu art. 60, art. 62 şi art. 63 din Metodologie;

- **acreditarea pentru domeniile de studii universitare din ciclul II de masterat:** art. 239 alin. (3) şi alin. (6)-(7), art. 240 alin. (1) din Lege; art. 39-40 şi art. 43-44, coroborate cu art. 60, art. 62 şi art. 63 din Metodologie;

- **acreditarea pentru domeniile de studii universitare din ciclul III de doctorat:** art. 239 alin. (4) şi alin. (6)-(7), art. 240 alin. (2) din Lege; art. 39-40 şi art. 46-47, coroborate cu art. 60, art. 62 şi art. 63 din Metodologie;

- **analiza şi validarea în vederea verificării respectării Metodologiei, de către comisiile de experţi evaluatori în cadrul rapoartelor de evaluare externă:** art. 235 alin. (4), pentru autorizare, respectiv art. 239 alin. (6) lit. d), pentru acreditare şi menținerea acreditării, din Lege, precum şi art. 62-63 din Metodologie.

Luând în considerare:

a. Ghidul aplicabil programelor de studii universitare de licență, aprobat prin Hotărârea Consiliului ARACIS nr. 42/06.02.2025, cu modificările şi completările ulterioare;

b. Ghidul aplicabil domeniilor de studii universitare de masterat, aprobat prin Hotărârea Consiliului ARACIS nr. 83/03.04.2025;

c. Ghidul aplicabil domeniilor de studii universitare de doctorat, aprobat prin Hotărârea Consiliului ARACIS nr. 84/03.04.2025;

Întrucât Consiliul ARACIS validează, prin vot deschis şi pe baza verificării respectării Metodologiei, propunerile formulate de către comisiile de experți evaluatori şi poate solicita refacerea Rapoartelor de evaluare externă atunci când constată că Metodologia nu a fost respectată ori respectivele rapoarte nu cuprind suficiente date şi dovezi pentru adoptarea deciziei,

Ținând seama de considerentele Consiliului aferente validării rezultatelor individualizate în procesele verbale de şedință, al căror format a fost aprobat prin Hotărârea Consiliului nr. 170/H/03.07.2025,

În temeiul art. 258 alin. (1) din Lege şi al art. 62 alin. (1) şi (2) din Metodologie, precum şi al art. 7 alin. (1) şi alin. (3) lit. b) şi h), art. 11 alin. (1) şi al art. 23 alin. (5) din Regulamentul de organizare şi funcționare al ARACIS, aprobat prin Hotărârea Consiliului ARACIS nr. 188/H/27.06.2024 şi completat prin Hotărârea nr.116/H/02.04.2026,

Consiliul Agenției Române de Asigurare a Calității în Învățământul Superior
HOTĂRĂŞTE:

Art. 1. (1) Se validează rezultatele procedurilor de evaluare externă a calității educației pentru programele de studii universitare de licență, domeniile de studii universitare de masterat şi de doctorat, precum şi pentru programul universitar de formare psihopedagogică pentru învăţământul preuniversitar, după caz, cuprinse în anexele nr. 1-23 care fac parte integrantă din prezenta hotărâre.

(2) Pentru fiecare dintre programele sau domeniile de studii universitare, anexa corespunzătoare indică, conform art. 230 alin. (2) şi alin.(3) lit. b), c) şi d), art. 231 lit. a) şi b), art. 232 lit. c), d) şi e), art. 235 alin. (1) lit. b), punctele ii-iv, alin. (3)-(5), art. 239 alin. (1) lit. b), alin. (3), (4), (6) lit. a)-d) din Lege, procesul sau procedura de evaluare parcursă, rezultatele din Raportul de evaluare externă care se validează, precum şi considerentele analizei de validitate şi concluzia motivată a Consiliului.

(3) Rezultatele prevăzute la alin. (1) se comunică Ministerului Educației şi Cercetării şi instituțiilor solicitante şi se publică pe site-ul ARACIS.

Art. 2. Analiza de validitate se exercită în limitele art. 235 alin. (4), respectiv ale art. 239 alin. (6) lit. d) din Lege şi ale art. 62 raportat la art. 63 din Metodologie.

Art. 3. Rapoartele de evaluare externă, inclusiv numele experților, se publică integral pe site-ul ARACIS, în condițiile art. 229 alin. (2) din Lege şi ale art. 62 alin. (3) din Metodologie.

Art. 4. Prezenta hotărâre intră în vigoare la data de 22.10.2026.

Art. 5. Prezenta hotărâre va fi dusă la îndeplinire de Direcția Asigurarea Calității şi de Compartimentul Tehnologia Informației.

Prof. univ. dr. ing. Cristian-Vasile DOICIN
Preşedinte

Daniela Cristina GHIȚULICĂ
Director general

Carmen MIRIAN
Director Direcţia Asigurarea Calităţii

Cristina-Vasilica ICOCIU
Director Direcția Juridică, Cooperare, Comunicare şi Formare

Consilier juridic

NR. 318/H/22.10.2026

ANEXA NR. 4
la Hotărârea Consiliului ARACIS nr. 318/H/22.10.2026

Anexa 4.4

DATE DE IDENTIFICARE	
Instituţia de învăţământ superior/organizaţia furnizoare de educaţie	Universitatea „Transilvania“ din Braşov
Şcoala(ile) doctorală(e)	Școala Doctorală Interdisciplinară
Domeniul de studii universitare de doctorat (DSUD)	*Matematică*
Procedura/procesul de evaluare externă a calităţii educaţiei	Menținerea acreditării

DECIZIA

Descrierea pe scurt a procesului de luare a deciziei

Raportul de evaluare externă (REE) a fost analizat în ședința Comisiei permanente de specialitate Științe Exacte și Științe ale Naturii (CPS_C1) din 05.10.2026, propunerea de decizie fiind consemnată în PV **nr.** 5080/05.10.2026.
Propunerea de decizie a fost analizată de către Departamentul de evaluare Studii Universitare (DESU), opinia DESU fiind consemnată în PV nr. **5321/20.10.2026**.

Gradul de îndeplinire a standardelor şi indicatorilor de performanţă şi motivarea deciziei

Domeniul	Standarde Î / N	Indicatori de performanţă Î / PÎ / N
A	**Î:** S.A.1.1, S.A.1.2., S.A.2.1., S.A.2.2., S.A.3.1., S.A.3.2., S.A.4.1. N: 0	**Î:** I.P.A.1.1.1, I.P.A.1.2.1, I.P.A.2.1.1, I.P.A.2.2.1, I.P.A.3.1.1, I.P.A.3.1.2, I.P.A.3.2.1, I.P.A.4.1.1 PÎ: 0 N: 0
B	**Î:** S.B.1.1., S.B.2.1., S.B.3.1., S.B.3.2., S.B.4.1., S.B.5.1., S.B.7.1., S.B.7.2., S.B.8.1., S.B.9.1., S.B.9.2. N: 0	**Î:** I.P.B.1.1.1., I.P.B.2.1.2, I.P.B.3.1.1, I.P.B.3.1.2, I.P.B.3.2.1, I.P.B.4.1.1., I.P.B.5.1.1, I.P.B.5.1.2, I.P.B.7.1.1, I.P.B.7.1.2, I.P.B.7.2.1, I.P.B.8.1.1, I.P.B.9.1.1, I.P.B.9.2.1 PÎ: 0 N: 0
C	**Î:** S.C.1.1, S.C.1.2, S.C.2.2., S.C.3.1, S.C.4.1., S.C.5.1., S.C.6.1., S.C.8.1 N: 0	**Î:** I.P.C.1.1.1, I.P.C.1.2.1, I.P.C.2.2.2, I.P.C.3.1.1, I.P.C.3.1.2, I.P.C.4.1.1., I.P.C.5.1.1, I.P.C.6.1.1, I.P.C.6.1.2, I.P.C.8.1.1 PÎ: 0 N: 0

Motivarea deciziei

Consiliul ARACIS în şedința din 22.10.2026 analizează și validează propunerea comisiei de experți în evaluarea externă a calității, constatând că din:

- *32 indicatori: 32 sunt îndepliniți, 0 parțial îndeplinit și 0 neîndeplinit*
- *26 standarde: 26 sunt îndeplinite, 0 neîndeplinite,*

*și, astfel, prin aplicarea art. 63 din Metodologie decide că **standardele sunt ÎNDEPLINITE.***

Decizia	Menţinerea acreditării

The Romanian Agency for Quality Assurance in Higher Education

External Evaluation Report (REE) for the procedure for obtaining a maintaining accreditation (MAC) of Doctoral Study Domain

Higher Education Institution/Education Provider Organization:	Universitatea Transilvania din Braşov / Transilvania University of Braşov
Doctoral School:	Şcoala doctorală interdisciplinară / Interdisciplinary Doctoral School
Doctoral Domain:	Matematică / Mathematics
The objective of the external evaluation:	Maintaining accreditation (MAC)

Members of the ARACIS Evaluation Panel

No.	Last Name and First Name	Team role	Signature
1.	BERINDE Vasile	Expert evaluator	
2.	GRUNWALD Norbert	International Expert	
3.	BOURUC Petru-Liviu	PhD Student Evaluator	

I. Introduction

This external evaluation report was drafted at the request of the "Transilvania" University of Brasov (UNITBV), Faculty of Mathematics and Computer Science, in order to evaluate the possibility of maintaining the accreditation of the doctoral study program in Mathematics. The external evaluation was carried out in accordance with the legal provisions and the ARACIS Methodology. The external evaluation visit on site took place between September 21-22, 2026, with the participation of all members of the external evaluation committee appointed by ARACIS, as follows:

- Prof. Dr. Vasile Berinde – committee coordinator;
- Prof. Dr. Norbert Gruenwald – expert evaluator;
- Stud. Drd. Petru-Liviu Bouruc – student evaluator.

The internal evaluation report and the related annexes were drawn up in accordance with the ARACIS requirements and the national legislation applicable to higher education.

UNITBV is a comprehensive university, comprising 18 faculties (9 faculties with an engineering profile and 9 faculties with various profiles: humanities, sciences, economics, law, medicine, music, etc.). In the academic year 2025–2026, UNITBV has 21,857 students enrolled, of which 17,522 are undergraduate students, in 98 undergraduate study programs (90 in Romanian and 8 in foreign languages), 3,738 master's students in 85 programs (59 in Romanian and 26 in foreign languages) and 597 doctoral students in 24 doctoral programs (in Romanian and foreign languages). The university also has 621 resident doctors, who work in 28 clinical departments of hospitals in Brașov. UNITBV is also an important research and innovation hub, supporting interdisciplinary collaboration within 31 research centers. These are integrated into the largest research and development institute of a Romanian university, built and equipped with financial support from the European Union (20 million euros from European structural funds and 10 million euros from UNITBV's own resources). In 2025, UNITBV managed and implemented 110 national and international research and consultancy projects (including 18 Horizon Europe projects), with a total annual value of 2,063,921 euros. The upward trend in UNITBV's involvement in large-scale research is highlighted by the increase in the total annual value of projects compared to 2019, when 136 projects were implemented, with a total annual value of 1,816,845 euros. At the same time, thanks to the strategic research policy initiated in 2012, UNITBV has recorded a significant increase in publications indexed in Clarivate Web of Science, with a fourfold increase in the number of articles and reviews (from 144 in 2012 to 579 in 2025).

IOSUD-UniTBV organizes doctoral studies in the domain of Mathematics, according to legal regulations and based on Order 5.980/2021 of the Ministry of Education, regarding the maintenance of the accreditation of UNITBV, in order to organize doctoral university study programs. The doctoral domain of Mathematics is organized in the framework of the Interdisciplinary Doctoral School (SDI) of IOSUD-UNITBV. The doctoral domain of Mathematics has been evaluated by ARACIS in 2021, when the decision to maintaining the accreditation has been taken. The mid-term evaluation has been performed in 2025 for the year 2024, The PhD in Mathematics ensures the development of a scientific doctorate that aims to accumulate advanced

knowledge and develop research skills and abilities, leading to specialization in modern areas of mathematics, in the spirit of ethics and academic integrity.
Currently in the domain of Mathematics at IOSUD-UniTBV there are 7 active doctoral supervisors, of which 2 are external supervisors, 2 are retired supervisors and 3 are tenured at UNITBV. They cover areas such as Mathematical Analysis, Applied Mathematics, Geometry and Stochastic Processes. Currently, they supervise 16 doctoral students.

II. Methods used

Analysed documents (internal evaluation report and its annexes; additional documents requested before and during the on-site visit, if any; other documents or data);

As part of the external evaluation process, the internal evaluation report of DSUM and the related annexes were reviewed and analyzed, focusing on aspects regarding human resources, material base and research activity; regulations, methodologies, procedures; curricula and subject sheets, as well as additional documents requested by the evaluation committee, prior to the on-site visit.

On-site visit (general list of visited locations and categories of persons with whom debates have been organised);

The external on-site evaluation visit took place in the room P19 of the Faculty of Mathematics and Computer Science of UNITBV, and included meetings and discussions, in accordance with the provisions of the ARACIS Methodology and which are found in the visit calendar, agreed with the contact person and the CSUD management.

Other relevant methods or aspects.

In order to ensure an integrated evaluation process, the commission correlated the written documents made available (IER, Annexes), with the information obtained from the discussions held during the meetings organized during the on-site visit and with other observations, which led to the formulation of documented and objective assessments regarding the degree of fulfillment of the ARACIS standards and performance indicators.

III. Judgement on the extent to which the standards and performance indicators are fulfilled

DOMAIN A. Institutional capacity

Criterion A.1. Managerial and administrative structures and processes involving students and other stakeholders

Standard S.A.1.1. Organisational components and institutional processes

The HEI has organisational components in its structure, which function based on adequate competences, responsibilities, processes, and implementation procedures, and ensure an effective management system.	
Indicator I.P.A.1.1.1	For delivering the study programme/domain, the HEI has adequate organisational components and an adequate management system, which operate based on methodologies, regulations and procedures that are periodically reviewed as required by law.

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

UNITBV organizes doctoral studies within the Institution Organizing Doctoral Studies – Transilvania University of Braşov (IOSUD-UNITBV). Doctoral studies are organized and conducted in accordance with the Regulation on the organization and conduct of doctoral and postdoctoral studies, the version in force at the time of the evaluation being updated to align with the provisions of the Higher Education Law no. 199/2023, as amended and supplemented, and the Framework Regulation on doctoral studies. The IOSUD-UNITBV regulations establish the institutional framework for the organization and conduct of doctoral studies, the organization, conduct and completion of doctoral studies, quality assurance within doctoral study programs, the legal status of doctoral students and doctoral supervisors, the general framework for the organization and conduct of postdoctoral studies.

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

IOSUD-UNITBV has organizational components and a management system appropriate for the organization of doctoral studies, the operation of which is based on regulations and methodologies periodically revised, in accordance with the law. The basic processes at the doctoral school level (regarding doctoral supervisors, doctoral internship and doctoral thesis defense) are regulated by a package of specific instructions, periodically updated to align with legal provisions and the university's strategy.

Aspects that constitute best practice examples

The organizational components within IOSUD-UNITBV (CSUD, C-SDI) are periodically considering the updating of the internal regulatory framework (regulations, methodologies, instructions, forms) in relation to legislative changes in the field of doctoral studies, in order to maintain compliance and increase transparency and accessibility of information by restructuring the doctoral school's website, so that all documents are available in a unified, updated and bilingual form (Romanian & English).

Recommendations: N/A

The indicator is: fulfilled.

Standard S.A.1.2. Stakeholder engagement The HEI proves that it engages the relevant stakeholders in developing methodologies and regulations, as well as implementation procedures.

Indicator I.P.A.1.2.1	The opinions of the faculty and department members, of the subsidiary or extension* and of other stakeholders are considered in the process of adopting and revising methodologies, regulations and implementation procedures.

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

In accordance with the Regulations on the organization and conducting of doctoral and postdoctoral studies, the responsibility for the development / updating of regulations and methodologies regarding doctoral studies belongs to the Council for Doctoral Studies (CSUD), in consultation with the doctoral school. After adoption by the CSUD, the regulations/methodologies are transmitted to the University Board of Directors, being included as annexes in the Decisions of the Board of Directors (HCA), which are communicated to the academic environment (thus including doctoral supervisors and doctoral students) by publication on the UNITBV website, in the section University Charter, regulations and decisions - Decisions of the Board of Directors. Those interested can submit proposals for amendments through the representatives in the Senate from the faculties to which they are assigned. Subsequently, the regulations/methodologies are discussed and approved in the Senate's scientific committee, the report prepared by this committee for each regulation/methodology being presented at the Senate meeting, where faculty representatives can also make proposals for modification and/or completion. We note that the initial version of the Interdisciplinary Doctoral School Regulations, together with the package of specific instructions, was submitted to debate by the doctoral supervisors from IOSUD-UNITBV, and was subsequently adopted by their universal, direct, secret and equal vote.

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

The opinions of the members of the academic community of UNITBV (including doctoral supervisors and doctoral students) are taken into account in the process of adopting and revising the regulations, methodologies and specific application procedures/instructions, both through the representatives of the doctoral fields in the organizational structures within IOSUD-UNITBV (C-SDI and CSUD), and through the representatives of the faculties (to which the doctoral fields are assigned) in the Board of Directors and in the University Senate. At the same time, the presence of personalities from the socio-economic environment in C-SDI ensures the active involvement of employers both in the process of developing the internal regulatory framework and in defining the content of doctoral study programs.

Aspects that constitute best practice examples

There is a projection for the future regarding what needs to be done for continuously identifying and implementing appropriate measures for each category of stakeholders – doctoral supervisors, doctoral students, employers – that will lead to increasing their involvement in the processes specific to doctoral university study programs and improve the activity of IOSUD-UNITBV in the whole.

Recommendations: N/A

* The faculty, department, subsidiary, extension - hereinafter "organisational components"

The indicator is: fulfilled.

Criterion A.2. The material resources and optimisation of the use of the material resources

Standard S.A.2.1. Material resources The HEI owns adequate movable and immovable assets to enable it to carry out the study programme/domain.	
Indicator I.P.A.2.1.1	The HEI legally owns venues for the related education, research and administrative processes, as well as for services for students, doctoral students and trainees, thus providing an enabling environment for living and studying, including for disabled persons. Optimal venues are also provided for activities of the staff. Such venues are adequately equipped.

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

UNITBV legally owns venues for the education, research and administartion activities. In particular, the Faculty of Mathematics and Informatics (FMI) is endowed with modern, well-maintained, and functional educational and research infrastructure. Ongoing efforts to renovate and equip the facilities have led to a significant improvement in the quality of the educational environment, providing comfortable, high-standard conditions for students and faculty alike.

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

FMI administrates 11 classrooms and seminar rooms and 8 laboratories, which meet the standards for conducting the training and research process in good conditions. For the research activity of doctoral students, in the P building of the faculty there are 3 offices: PP4, PI5 and PI6, equipped with computers with internet access and printers. Other mathematical software was purchased through contracts, used by doctoral students in carrying out scientific works. FMI has two special spaces with video equipment. Doctoral students were provided by the UNITBV with laptops and tablets. Also, UNITBV has a subscription for full access to databases through Anelis Plus, where members of the doctoral school can consult specialized journals in Mathematics: from the Science Direct, Springerlink and other databases. This represents the main documentation base for teaching staff and doctoral students. Moreover, rseaching staff and doctoral students have direct access, from home, to the Anelis Plus platform. UNITBV has a modern central library, which contains journals and specialized books in the field of Mathematics. Since 2006, direct access to books has been provided in the reading rooms of the University Hall. The library also provides printing, scanning, CD or DVD recording, photocopying services. There is also a library of the Department of Mathematics and Informatics. The University has a strong research base in the Institute for Research and Development (ICDT), created with access to European funds and through self-financing in 2013. It consists of 30 research centers and serves all faculties of UNITBV. It has an extensive endowment of modern equipment and facilities that allow research activities to be carried out at the current level. It is served by a number of employed researchers, but is also intended for research activities carried out by doctoral students and students from scientific masters. Within ICDT, there is the Research Center: Mathematical Modeling and Software Products, where there are spaces for UNITBV carrying out teaching and research activities, with access to the software made available by the Institute

Recommendations: N/A

The indicator is: fulfilled.

Standard S.A.2.2. Management of material resources The organisational components manage the movable and immovable assets used for the evaluated study programme/domain in an optimal, sustainable manner.	
Indicator I.P.A.2.2.1	The movable and immovable assets are properly maintained to ensure optimal conditions for studying, living and research, as well as for work.

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

UNITBV ensures a continuous and adequate supervision and maintainance process of all real estate and movable assets to offer optimal conditions for study, research, and living, as well as work.

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

During 2010–2011, the FMI's building underwent a thermal rehabilitation process, followed by successive renovations of all educational spaces. In 2024, renovation works were carried out on the halls and the dean's office secretariat. The recent modernizations, including those carried out in 2024, contribute to the comfort and functionality of the spaces. The offices for the dean's office leaders and doctoral students are equipped with computers connected to the Internet and other office equipment that is periodically renewed. In addition, the faculty has modernized computer laboratories, fully functional and equipped to the current standards, all equipment and software are accompanied by valid user licenses.

Aspects that constitute best practice examples

In order to maintain and improve current standards, FMI has concrete plans to continue the process of renovation and functional adaptation of existing spaces, including through the complete digitization of the teaching and administrative infrastructure, by expanding collaborations with the economic sector, to attract additional funds to equip laboratories with state-of-the-art equipment, and efforts will be made to access funded grants.

Recommendations: N/A

The indicator is: fulfilled.

Criterion A.3. Adequate human resources and transparent staff recruiting procedures developed according to the law

Standard S.A.3.1. Human resources The HEI has the required human resources to organise and deliver the evaluated study programme/domain.	
Indicator I.P.A.3.1.1	The human resources of the organisational component are suitable to perform the activities pertaining to the evaluated study programme/domain. The teaching staff

	has the required qualifications and professional competences to teach the subject matters assigned to them in the job list.

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

In the period 2021-2025 the number of doctoral supervisors in the field of Mathematics varied between 6 and 8, the following changes took place over this period: Prof. Dr. Adela Gabriela Mihai joined as an external member (2021); Prof. Dr. Ioan Lucian Popa joined as an external member (2022); Assoc. Prof. Dr. Nicoleta Voicu joined as a full member (2023); Prof. Dr. Radu Păltănea (retired, 2023); Prof. Dr. Marin Marin (retired, 2024); Prof. Dr. Gheorghe Munteanu (ended his affiliation, 2024). So, within the doctoral field of Mathematics, there are currently 7 doctoral supervisors: Prof. dr. MARIN Marin, Prof. dr. MICULESCU Radu, Prof. dr. MIHAI Adela Gabriela, Prof. dr. PASCU Mihai Nicolae, Prof. dr. PĂLTĂNEA Radu, Prof. dr. POPA Ioan Lucian, Conf. dr. VOICU Mihaela.

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

In the reference year 2025, all 7 doctoral supervisors in the field of Mathematics satisfy the CNATDCU standards for the entire activity, but one does not meet the criterion with recent articles. So, 6 doctoral supervisors in the field of Mathematics have been scientifically active in the last 5 years, according to ARACIS standards. They supervise a total of 15 doctoral students.

Aspects that constitute best practice examples

The Department of Mathematics and Computer Science encourages staff members to join the Doctoral school as supervisors. Thus, one staff member obtained the habilitation certificate in 2026 and is expected to be affiliated with the doctoral field of Mathematics within the SDI.

Recommendations: N/A

The indicator is: fulfilled.

Indicator I.P.A.3.1.2	The HEI ensures professional and personal development for its staff.

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

UNITBV ensures the professional and personal development of its staff through a series of measures and strategies aimed at increasing skills and ensuring continuity in academic activity. FMI benefits from a valuable teaching and research staff, made up of experienced professors who are involved in the guidance of doctoral students. UNITBV actively supports the professional development of its staff, contributing to the creation of a competitive, dynamic and well-balanced academic environment.

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

UNITBV has as its main objective the support of research activity by allocating significant financial resources in this regard. Thus, salary increases are approved annually, based on the performance in scientific research. Also, funds are established to award works published in WOS indexed journals, which can be used by teachers to participate in specialized conferences. Every year, any teacher can request an allowance for a trip abroad. Also, all reseachers have access to all electronic resources and software owned by the Research and Development Institute of UNITBV.

Aspects that constitute best practice examples

By allocating systematically funds to award research works published in WOS indexed journals by its teaching staff and researchers, UNITBV succeeded to enter the very prestigious Shanghai ranking in the subject Mathematics, based on research activity only.

Recommendations: N/A

The indicator is: fulfilled.

Standard S.A.3.2. Recruitment procedures Teaching staff recruitment procedures compliant with the provisions of the law.	
Indicator I.P.A.3.2.1	Recruitment procedures comply with the provisions of the law, and are established and carried out transparently.

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

Doctoral supervisors for the mathematics doctoral domain are recruited by very selective and transparent procedures, according to the national and specific regulations.

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

The candidates who apply to become members of the doctoral school must hold the quality of doctoral supervisor (obtained recently by defending the habilitation thesis) and meet several additional performance criteria established by IOSUD-UNITBV, which in the field of Mathematics consists of:
1. Meeting the minimum and mandatory standards developed by CNATDCU for obtaining the habilitation certificate valid at the time of applying for affiliation to SDI and achieving at least 25% of this score in the last 5 years.
2. Publishing a minimum required number of WOS indexed papers, some of which must be recent.
3. Obtaining the quality of research grant director in the field of the targeted topic, obtained through national or international competition, specifying its duration and minimum value.
In addition, supervisors from other doctoral schools must not have had theses invalidated by CNATDCU, or that have violated the code of ethics and university deontology. Doctoral supervisors from IOSUD-UNITBV cannot be simultaneously members of another doctoral school.

Recommendations: N/A

The indicator is: fulfilled.

Criterion A.4. Digitalisation of institutional processes

Standard S.A.4.1. Digital transformation The digital transformation process in the organisational component seeks to achieve administrative simplification and improve the quality of the services provided to the members of its own community, as well as to third parties.	
Indicator I.P.A.4.1.1	The organisational component uses IT tools in its own procedures, to improve access and provide good quality services for the members of its own community and the indirect beneficiaries of education.

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

The digitization of institutional processes is carried out in accordance with the UNITBV Digital Transformation Strategy. Students in doctoral study programs have access to a high-performance IT infrastructure, with easy access, as well as learning resources that allow the educational process to be carried out in quality conditions. Through the dedicated electronic platform, doctoral students are ensured access to relevant information regarding the doctoral internship (grades, qualifications and credits obtained, form of education, payment of fees, etc.), doctoral supervisors can access the up-to-date situation of the coordinated doctoral students, and the doctoral school secretariat can extract data that serves as a basis for reporting.

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

The level of computerization of the administration is compatible with that of the European higher education area: administrative services carry out current activity, monitoring and reporting activity using specific software and are connected to the Internet. The IT infrastructure is developed at the institutional level, with all members of the academic community having access (through the username and password associated with the institutional account) to the electronic resources available on the intranet platform, in which there is a section dedicated to the doctoral school, with information of interest to doctoral students, such as the schedule and disciplines in PPUA-I, the specific instructions and forms for the doctoral internship, the framework models for doctoral study contracts and additional documents for extension and interruption, the minimum national standards for awarding the doctoral degree, events dedicated to doctoral students, etc.), the e-learning platform, the internship portal, the Erasmus mobility portal, the file transfer, document storage and editing service, and the electronic mail service. Recently, the platform https://academics.unitbv.ro was purchased and implemented for easy reporting and management of research activity results. In order to modernize and streamline the system for recording doctoral students and their progress, while ensuring direct access to information on the personal situation for doctoral students and doctoral supervisors, without jeopardizing the security of the stored data and contravening regulations on the protection of personal data and ensuring confidentiality, there is currently a dedicated IT system in the form of an online electronic platform (http://doctorat.unitbv.ro/). The platform, initially configured through a service contract, was later developed in cooperation with the FMI to ensure the best possible functionality and versatility in the way data is used and processed, including by generating specific reports (e.g. CNFIS reports, data export for doctoral student registration in RMU, various statistical data).In this application, data from the doctoral admission phase is processed, including previous studies, and all data related to the guidance committee, the doctoral program, the results obtained along the way, the

stage of preparation, the doctoral student's status (normal internship, extension, grace, interruption), the status of the payment of fees (as applicable), until the completion and public defense of the thesis. The platform is designed with three password-based access levels: (i) personal SDI access (view, enter, save, modify doctoral student and doctoral supervisor data); (ii) doctoral supervisor access (view data for coordinated doctoral students); (iii) doctoral student access (view personal data and regarding one's own progress within the doctoral program).

Recommendations: N/A

The indicator is: fulfilled.

DOMAIN B. Educational efficacy

Criterion B.1. Content and relevance of study programmes

Standard S.B.1.1. Content of study programme/s* The study programme is based on a curriculum designed so that students can acquire the expected learning outcomes.	
Indicator I.P.B.1.1.1	The study programme is developed and structured according to the expected learning outcomes, and organised based on transferable study credits. It includes all learning, teaching, practical training, research and evaluation experiences, which, together, lead to a higher education qualification.

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

Doctoral studies are registered at level 8 of the ISO qualifications register, and respectively of the National Qualifications Framework. The PhD in Mathematics within UNITBV is a scientific doctorate and has high scientific objectives.

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

The specialized subjects taught in the first semester of preparation for the Mathematics Field are carefully chosen and are adapted to the types of doctoral students admitted. Due to the fact that there is a common curriculum with the Computer Science field, the subjects have more general objectives, so as to be useful for the preparation of students from both fields. The specialized subjects are taught by teaching staff who are members of the doctoral school. The ethics and English in science subjects are taught jointly for all doctoral students of the Interdisciplinary Doctoral School. In the last 3 years, it is planned to defend 3 specialized papers and develop a doctoral thesis. The full 4-year training program involves obtaining 240 credits.

Recommendations: N/A

The indicator is: fulfilled.

* The term “programmes” concerns the external quality evaluation for the study programmes contained in a master/doctoral domain. The term “programme” shall be used hereinafter.

Criterion B.2. Alignment of the curriculum with the qualification

Standard S.B.2.1. Alignment with the qualification level and the intended competences In the curriculum design and development process, the organisational component seeks to ensure the qualification level, as well as correlation with the envisaged occupations.	
Indicator I.P.B.2.1.2	The expected learning outcomes are correlated with the competences required by those occupations, according to the occupational standards and/or the European Skills, Competences and Occupations (ESCO).

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

According to the European Classification of Skills/Competences, Qualifications and Occupations (ESCO), the doctoral field of Mathematics falls under code 2 of ISCO-8, namely the specialized codes 21 - Science and Engineering Specialists and 23 - Education Specialists.

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

The learning outcomes are summarized in the Curriculum and fullfill the objectives, competences and skills of ESCO and necessary for a professional occupation

Recommendations: N/A

The indicator is: fulfilled.

Criterion B.3. Student-centred learning, teaching and evaluation

Standard S.B.3.1 Principles The organisational component implements the principles of student-centred learning.	
Indicator I.P.B.3.1.1	The organisational component ensures implementation of the student-centred learning in the curriculum and through the teaching strategies used in the learning and teaching activities and experiences.

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

The educational and research process at the doctoral level is carried out in accordance with the principles of student-centered learning, emphasizing the academic partnership between the student and the doctoral supervisor.

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

Each doctoral student benefits from personalized guidance from a doctoral supervisor and a guidance committee, ensuring a path adapted to the research needs of the doctoral project.

Recommendations: N/A

The indicator is: fulfilled.

Indicator I.P. B.3.1.2	The organisational component ensures opportunities for students to participate in academic mobility programmes organised in person and/or virtually.

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

There is an express requirement from the Interdisciplinary Doctoral School that doctoral students participate in international conferences or other forms of mobility. National and international academic mobilities for doctoral students are supported in UNITBV through specific programs.

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

All students who defended their thesis had at least two participations in international conferences.

Aspects that constitute best practice examples

UNITBV ensures a yearly financial support for every doctoral student for mobility activities.

Recommendations: N/A

The indicator is: fulfilled.

Standard S.B.3.2. Fairness The organisational component provides fair opportunities for students.	
Indicator I.P.B.3.2.1	The organisational component provides fair opportunities for students, in line with their potential and aspirations, taking into account the diversity of learning styles and abilities

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

UNITBV has developed strategies that ensure fair opportunities for all kind of doctoral students, aimed at meeting their academic and research aspirations, based on the Code of Student Rights and Obligations.

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

UNITBV is firmly committed to: promoting gender equality, offers facilities for students with disabilities, anbd promote cultural and academic diversity.

Recommendations: N/A

The indicator is: fulfilled.

Criterion B.4. Accessibility and efficiency of the resources and support services, adequate for learning

Standard S.B.4.1. Access to resources and services

The organisational component provides access to adequate resources and support services, according to the needs of the students.	
Indicator I.P.B.4.1.1	The organisational component provides students, including those with special educational needs/disabilities, with access to resources and services designed to support the learning process, adequate for the individual learning needs, the study domain, the study cycle, and the form of organisation of the study programme.

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

Transilvania University of Brașov (UNITBV) has a teaching and research infrastructure suitable for the conduct of university studies, which consists of lecture halls and seminars, specialized laboratories and workshops, teaching facilities, fields, sports halls, individual and team study spaces, as well as recreational spaces on campus. The teaching and research spaces meet the requirements in terms of surface area, equipment, technical condition, volume, safety and hygiene and sanitary standards.

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

The doctoral programs include:
1) Physical and digital accessibility: buildings are equipped with access ramps, adapted elevators and accessible toilets; Educational platforms and the digital library are optimized for users with visual and motor disabilities.
2). Academic and personalized support services: Individual academic counseling for the development of a personalized educational plan. Additional tutoring provided to students who require support in certain subjects; assistance provided by the CCOC (Career Counseling and Guidance Center) for the integration of students with disabilities.
3. Adaptation of the learning and assessment process: Educational resources are available in accessible formats (PDF, video, audio); assessments can be adapted through additional time, special conditions, use of assistive technology; teaching activities can also be supported in online format for students with reduced mobility.
4. Psychological and social services: Free access to psychological counseling.
At the meeting with the doctoral students, it was a request from their side for having higher computing power and expanding mathematical software packages.

Recommendations:

Increasing computing power and expanding mathematical software packages access.

The indicator is: fulfilled.

Criterion B.5. Learning outcomes

Standard S.B.5.1. Definition and evaluation Learning outcomes are adequately defined and evaluated.	
Indicator I.P.B.5.1.1	Learning outcomes are adequately described, and they support understanding of the students' and teachers' expectations regarding the content of the subject matters in the curriculum.

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

The curriculum records the professional competencies:
1. Obtaining advanced scientific knowledge in a research area,
2. Creative and autonomous research competencies,
3. Competencies for using digital technology,
4. Ability to develop algorithms for solving problems,
5. Interdisciplinary collaboration competencies, as well as obtaining transversal competencies and compliance with professional ethics.

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

The subjects taught in the first semester, together with the individual training plan, established at the beginning of the training period, establish through discussions between doctoral supervisors and the doctoral students, give a training plan that will clearly specifies the three strictly specialized disciplines that the doctoral student must complete in the second semester of the first year, as well as the three papers that must be presented in years 2-4. During the discussions with the graduates and the doctoral students it was noted that there is no enough emphasis on developing transversal skills, e.g. leadership, communication, working in teams etc.

Recommendations:

To put more emphasis to develop transversal skills, e.g. leadership, communication, working in teams etc.

The indicator is: fulfilled.

Indicator I.P.B.5.1.2	Achievement of the learning outcomes is checked in ongoing examinations and study completion exams.

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

The disciplines of the first semester are evaluated by examination by the holders of the disciplines, according to the requirements announced at the beginning of the semester. The exams set in the second semester certify whether the objectives pursued have been achieved.
The evaluation of the activity carried out by doctoral students in years 2-4 is done both through grades assigned to the papers and through the evaluations at the end of each year. The members of the guidance committee actively participate in the evaluation process.
The thesis is presented, verified and discussed in a group of specialists that include members of the guidance committee and only after obtaining approval can it be submitted for defense.

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

There is a continuous process of evaluating the progress made by doctoral students both in the process of accumulating knowledge and in the process of writing original results. There are also permanent discussions held by doctoral supervisors with the coordinated students and annual evaluations, in which all members of the guidance committee participate.

Recommendations: N/A

The indicator is: fulfilled.

Criterion B.7. Procedures and practices regarding the admission competition, the journey, recognition and equivalence of studies, and result certification

Standard S.B.7.1. Admission The admission procedures and principles ensure access to higher education.	
Indicator I.P.B.7.1.1	The organisational component applies the admission procedures.

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

In UNITBV, admission to doctoral studies is carried out through a competition, according to an admission methodology developed annually, for each admission session. The methodology approved by the University Senate.

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

The admission methodology includes the conditions for registering candidates, the necessary documents and the registration method, the manner of conducting the competition (specialty exam with one or more tests specific to the doctoral field), information regarding the establishment of admission committees, the scoring method and the calculation of the admission average, the admission criteria, as well as the criteria for ranking and awarding places financed from the budget and doctoral scholarships, the admission calendar and is published at UNITBV website.

Recommendations: N/A

The indicator is: fulfilled.

Indicator I.P.B.7.1.2	Admission in higher education study programmes complies with the principles of fairness and equal opportunities, and with the establishing of support measures to ensure access of vulnerable groups at social and educational risk, including candidates with special educational needs and/or disabilities.

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

The specialty exam for admission to the doctoral program assesses the research capacity, theoretical skills and motivation of the candidates. The selection criteria are clear and objective, respecting the principles of fairness and equal opportunities.

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

The admission process is organized in such a way as to facilitate the participation of all candidates, including those with special educational needs.
The facilities offered by UNITBV for candidates with disabilities and/or special educational needs are clearly formulated and published at UNITBV website. In special cases, when the physical presence of candidates

is not possible (therefore, including for candidates with disabilities), the doctoral admission methodology provides for the possibility of organizing the specialty exam online.
Another facility refers to the exemption from paying the registration fee of persons at risk of losing the ability to meet their daily living needs due to situations of illness, disability or poverty.

Recommendations: N/A

The indicator is: fulfilled.

Standard S.B.7.2. Academic journey of students The organisational component carries out actions supporting the students' academic journey.	
Indicator I.P.B.7.2.1	The organisational component applies the regulations concerning the students' professional activity.

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

The Regulation on the professional activity of students includes a set of rules regarding the organization, conduct and completion of studies at Transilvania University of Brașov.

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

The Interdisciplinary Doctoral School at UNITBV has a well-established system of regulations regarding the conduct of all activities related to the doctoral program. These regulations, which are debated by the Senate, are periodically reviewed.
The Regulation at UNITBV includes distinct sections regarding the organization of the educational process, the transferable credit system, student enrollment and expulsion, student attendance and assessment of skills, interruption of studies, student academic mobility, completion of studies, rewards and sanctions.

Recommendations: N/A

The indicator is: fulfilled.

Criterion B.8. Internationalisation process

Standard S.B.8.1. Internationalisation Improving the quality of education and research through internationalisation actions.	
Indicator I.P.B.8.1.1	The organisational component carries out international cooperation actions supporting mobility of the members of its own community and collaboration in academic and research activities.

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

UNITBV's internationalization strategy has as its general objective the increase of the university's internationalization level at all study cycles, including the doctorate.

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

UNITBV carries out various international programs and projects and has concluded collaboration agreements (framework agreements, ERASMUS+ and CEEPUS) with over 700 partner institutions from over 90 countries.
At the level of SDI of Transilvania University, the ERASMUS+ program represents an important pillar in the internationalization strategy. Currently, updated inter-institutional agreements are active, including the 3rd cycle of doctoral studies, concluded through this program between Transilvania University of Braşov and a number of 205 universities from EU member states and associated countries (program K103), respectively partner (third) countries (program K107).
The Faculty of Mathematics and Informatics has constantly organized international conferences attended by a large number of specialists in different fields of Mathematics. Doctoral students had the opportunity to participate in these conferences and get in touch with current research topics. The University allocates funds for their organization.
PhD students in the field of Mathematics have carried out international mobilities, sponsored by Transilvania University of Braşov.

Aspects that constitute best practice examples

Yearly financial support for doctoral students from UNITBV for international mobility

Recommendations: N/A

The indicator is: fulfilled.

Criterion B.9. Scientific research results

Standard S.B.9.1 Scientific research in the education process Scientific research activities support students in achieving the learning outcomes.	
Indicator I.P.B.9.1.1	Learning based on scientific investigation and research results support and are capitalised upon in achieving the learning outcomes envisaged through the study programme.

✓ Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

Scientific research activities and research findings actively contribute to the educational process of the Mathematics PhD program. Consequently, these resources provide students with access to modern, scientifically validated content that is relevant to the development of advanced competencies.

✓ Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

The integration of research into the teaching process is evident, ensuring the transfer of knowledge from faculty members to students. Through these activities, students develop skills in analysis, synthesis, scientific argumentation, and interdisciplinary application, thereby contributing to the formation of a graduate profile oriented towards research and innovation. The level of achievement regarding the indicator for integrating research into the educational process is rated as high.

✓ Recommendations: N/A

The indicator is: fulfilled.

Standard S.B.9.2. Scientific research pertaining to the objectives of the study programme The organisational component carries out scientific research activities aligned with the objectives of the evaluated study programme.	
Indicator I.P.B.9.2.1	The results of scientific research are visible at national and international level in that scientific domain, and capitalised upon in an adequate manner.

✓ Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

The scientific research activities of the teaching staff are aligned with curricular objectives and the graduate's professional profile, resulting in original contributions published in specialized journals indexed in international databases with impact factors relevant to the field of mathematics.

✓ Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

The Faculty of Mathematics and Computer Science organizes student scientific paper sessions (SCSS) and international conferences (e.g., the International Conference on Mathematics and Computer Science – MACOS). Some of the presented papers are published in the *Bulletin of the Transilvania University of Braşov. Series III*, highlighting the continuity and international relevance of the research. Students participate in research activities in collaboration with faculty members, with the results reflected in their publications.

Recommendations: N/A

The indicator is: fulfilled.

DOMAIN C. Quality management

Criterion C.1. Quality assurance strategies and procedures, including in the field of academic ethics and conduct, which involve students, employers and other stakeholders and are applied in a consistent, transparent manner

Standard S.C.1.1. Application Adequately implemented strategic directions, actions, and procedures	
Indicator I.P.C.1.1.1	The organisational component consistently carries out actions and applies procedures, proving their impact on improving the quality of education at the level of the study programme

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

The University's internal quality assurance system (SIAC) comprises strategies, action plans, regulations, and procedures. Transilvania University of Braşov has a Quality Assurance Strategy in place, developed in accordance with provisions regarding the European Higher Education Area and taking into account the "European Standards and Guidelines, Part I" on internal quality assurance. The overarching objective for the 2024–2029 period is to strengthen the quality culture within the University as a foundation for the continuous improvement of teaching, scientific research, and administrative processes, ensuring they reach and maintain high standards.

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

The institutional structure for educational quality assurance complies with legal provisions and operates on an ongoing basis under the coordination of the Vice-Rector responsible for this area. Coherent implementation of university strategies and policies regarding quality management is ensured through the Quality Evaluation and Assurance Commissions at both the university level (CEAC-U) and the department level (CEAC-D).

Recommendations: N/A

The indicator is: fulfilled.

Standard S.C.1.2. Stakeholder engagement The HEI proves that it engages the stakeholders who have relevant activity in applying the procedures.	
Indicator I.P.C.1.2.1	The opinions of the members of its own community and of other stakeholders are taken into account in the procedure implementation process.

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

Stakeholder involvement in the implementation and improvement of quality assurance procedures is achieved through consultation and monitoring processes at Transilvania University of Brașov (https://didactic.unitbv.ro/oficiul-de-asigurare-a-calitatii/documente-eu-ro-utbv-smc). Quality assurance procedures are implemented across all university structures, with responsibility resting on the quality evaluation and assurance commissions (CEAC-U and CEAC-D) and the process owners (https://didactic.unitbv.ro/oficiul-de-asigurare-a-calitatii/activitati).

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

Members of the faculty's academic community have the opportunity to propose changes or updates to methodologies, regulations and procedures following the hierarchical path: Dean, Faculty Council, Rector or the Executive Office of the Board of Directors, Board of Directors, Senate. Periodic meetings are also organized with teaching staff or representatives of employers. Students can express their opinion on the general activity of the faculty in the semester feedback form, together with the evaluation of teaching staff.

Recommendations: N/A

The indicator is: fulfilled.

Criterion C.2. Functionality of education quality assurance structures, including in the field of academic ethics and conduct, according to the law

Standard S.C.2.2. Operation Quality assurance and academic ethics and conduct organisational structures adequately perform their specific role and functions.

Indicator I.P.C.2.2.2.	The academic ethics commission operates based on the regulation approved by the University Senate, and performs actions that are compliant with the law, independently from any other structure or person in the higher education institution.

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

The University Ethics Commission (CEU) operates independently, in accordance with the regulations approved by the University Senate, with the role of monitoring compliance with ethical standards and resolving complaints regarding breaches of academic conduct. Its work is based on the objective analysis of cases, culminating in decisions presented to the Administrative Board and the Senate. The CEU's annual reports reflect the consistency and transparency with which ethical standards are applied, thereby contributing to the strengthening of institutional accountability. It is proposed to intensify training and awareness-raising activities regarding university ethics and to develop a secure digital platform for the confidential management of complaints, with the aim of enhancing the commission's operational efficiency.

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

The commission's activities are documented through annual activity reports and commission decisions based on analyses conducted by independent case panels (https://www.unitbv.ro/despre-unitbv/informatii-de-interes-public/transparenta-institutionala/rapoarte.html). These contribute to maintaining a high standard of procedural rigor and ensuring the consistent application of ethical principles. At the Faculty of Mathematics and Computer Science, doctoral domain of Mathematics, there were no active cases.

Recommendations: N/A

The indicator is: fulfilled.

Criterion C.3. Procedures for the initiation, monitoring and periodic review of the study programmes and domains and of the performed activities, involving students, employers and other stakeholders

Standard S.C.3.1. Procedures and implementation of procedures The HEI has procedures for initiating, monitoring, and periodically reviewing the study programmes and domains and the performed activities, and applies them systematically.	
Indicator I.P.C.3.1.1	The organisational component consistently applies the procedures, and proves their impact on quality assurance.

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

The programs and fields of study at Transilvania University of Braşov are initiated, monitored, and periodically reviewed in accordance with the *Regulation on the initiation, approval, monitoring, and periodic evaluation of study programs* and the internal procedures approved by the University Senate (www.unitbv.ro/documente/despre-unitbv/regulamente-hotarari/regulamentele-universitatii/structuri-suport/Regulament_evaluare_periodica_programe_de_studii_07.02.2025.pdf).

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

The procedures for the initiation, monitoring, and review of study programs are consistently applied within the Faculty of Mathematics and Computer Science, in accordance with the internal methodology approved

by the Senate of Transilvania University of Braşov and in compliance with ARACIS standards. Their implementation is ensured by study program coordinators, in collaboration with the CEAC-D and internal evaluation teams, and with the support of the Quality Assurance Office. During our meetings, we learned that, besides the CEAC-U's questionnaires, CEAC-D and the teachers also distribute their questionnaires to the students each semester, amounting to three forms to be completed each semester.

Recommendations:

Consolidating the three questionnaires administered to students into a single one.

The indicator is: fulfilled.

Indicator I.P.C.3.1.2	Members of its own community and other stakeholders are involved in the procedure implementation process.

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

Members of the academic community and external stakeholders are actively involved in the evaluation and review processes for Mathematics study programs, in accordance with the Regulation on the initiation, monitoring, and periodic evaluation of study programs and the specific procedure regarding the initiation, monitoring, and evaluation of study programs (www.unitbv.ro/documente/despre-unitbv/regulamente-hotarari/regulamentele-universitatii/structuri-suport/Regulament_evaluare_periodica_programe_de_studii_07.02.2025.pdf).

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

An analysis of the situation reveals a high level of compliance with the indicator, evidenced by the consistent and documented involvement of academic community members and external stakeholders in the process of implementing internal evaluation procedures for study programs. The internal evaluation teams, established in accordance with university regulations, comprise academic staff, students, alumni, and employers, thereby ensuring a participatory and balanced approach to the process of quality analysis and improvement.

Recommendations: N/A

The indicator is: fulfilled.

Criterion C.4. Procedures for the periodic evaluation of the quality of the activities of teaching staff, auxiliary teaching staff, and administrative staff

Standard S.C.4.1. Procedures Applying the methodologies and procedures contributes to improving the quality of the staff's activities.	
Indicator I.P.C.4.1.1	The organisational component analyses the results of the students' biannual evaluation of teachers.

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

The performance of teaching staff and auxiliary personnel is evaluated periodically, in accordance with the university's internal methodologies and procedures. Student evaluations take place every semester under

the coordination of the CEAC, based on an institutional procedure that ensures the confidentiality of responses: https://www.unitbv.ro/documente/despre-unitbv/regulamente-hotarari/regulamentele-universitatii/angajati/Regulament_evaluare_periodica_cadre_didactice_29.09.2023.pdf .

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

The consistent application of institutional procedures regarding periodic staff evaluation confirms the existence of a coherent and functional system for monitoring the quality of teaching activities. Semester-based student evaluations, complemented by self-assessment, peer evaluation, and analysis by the department head, provide an integrated perspective on professional performance. Evaluation results are analyzed at the level of the Quality Assurance Commission (CEAC), the department, and the faculty, and are used to implement concrete measures for improving teaching and administrative activities. During our discussions, we noted that there is not enough feedback and that the results of the evaluations are not usually communicated to the students.

Recommendations:

Distributing and discussing the periodic evaluation results with the students.

The indicator is: fulfilled.

Criterion C.5. Systematically updated databases on internal quality assurance

Standard S.C.5.1. Databases The HEI uses databases to support internal quality assurance activities.	
Indicator I.P.C.5.1.1	The organisational component systematically collects and analyses data required for the internal quality assurance process.

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

Transilvania University of Braşov periodically collects and analyzes data regarding educational, research, and administrative activities using integrated IT platforms. Databases such as GESFO and FRACS support the management of academic processes, staff evaluation, the monitoring of performance indicators, and the centralization of student feedback. Access to information is provided via the campus Wi-Fi network, Eduroam, and the intranet platform, which facilitate communication and institutional transparency. Furthermore, the university annually reports data to international ranking systems (Times Higher Education, QS, U-Multirank), thereby enhancing its academic visibility and competitiveness. The university has a "Strategy for Digital Transformation in Education, Research, and Administration," developed in alignment with national and European strategic documents regarding the digitalization of education.

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

The integration of the GESFO and FRACS IT platforms into a unified data management system serves as a prime example of the efficient digitalization of academic and administrative processes. The periodic updating of databases—aligned with their use in CEAC reports and the analysis of institutional indicators—reflects a quality-oriented organizational culture. Secure access via Eduroam and internal communication through the intranet platform foster transparency and collaboration among university units.

Recommendations: N/A

The indicator is: fulfilled.

Criterion C.6. Transparency of information of public interest, including those regarding the study programmes and domains offered, and transparency regarding the related certificates, diplomas and qualifications

Standard S.C.6.1. Transparency The organisational component ensures transparency of information, as required by the law.	
Indicator I.P.C.6.1.1	The organisational component ensures publication and access to information of public interest regarding the evaluated study programme.

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

Transilvania University of Braşov offers complete and constantly updated public information regarding: admission criteria, the study contract, the regulations for carrying out student activities, the ECTS transferable credit system, the study completion methodologies, the University Charter which also contains the code of ethics; the quality management system, especially through the information available on the university's website (www.unitbv.ro).

Analysis of the state of facts, in relation with the state of facts acknowledged from documents and considering the analysed performance indicator, to justify judgement on the extent to which the indicator was fulfilled

The periodic and transparent updating of information on the university and faculty websites, combined with the involvement of the Quality Assurance and Evaluation Commission (CEAC) in verifying published content, constitutes an effective practice for ensuring the quality of public information. Clearly structuring pages dedicated to study programs and publishing relevant documents in full facilitates rapid user access and enhances the institution's visibility. Utilizing digital channels and social media to disseminate information helps strengthen the university's relationship with the academic community and the general public. All necessary information can be found on the faculty and university websites. However, the English version of the website is not updated on most of the pages, even though the faculty provides an English study programme for graduate students.

Recommendations:

Update the English version of the website. Leverage the digital channels and social media to increase the program's visibility and promote the achievements of students and alumni, which could lead to a larger number of applicants, particularly from abroad.

The indicator is: fulfilled.

Indicator I.P.C.6.1.2	The organisational component ensures transparent decision-making processes.

✓ Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

Transilvania University of Braşov fully complies with the deadlines and standards stipulated by legislation for the external evaluation of educational quality, in accordance with the ARACIS methodology. The Faculty

of Mathematics and Computer Science actively contributes to the collection and submission of necessary data and to the preparation of annual institutional reports. The institution publishes the legally required documents on its website, such as the Annual Report on the State of the University, the Annual Internal Quality Evaluation Report, the Audit Report, the Report on the Implementation of Law no. 544/2001, and the Report on the Student Evaluation of Teaching Activities, as well as reports from the Quality Evaluation and Assurance Commission, the University Ethics Commission, and student associations.

Recommendations: N/A

The indicator is: fulfilled.

Criterion C.8. Participation in external evaluation processes, according to the law

Standard S.C.8.1. Compliance with the external evaluation obligation The HEI undergoes external quality evaluation as required by the law.	
Indicator I.P.C.8.1.1	The organisational component carries out the procedures pertaining to the external quality evaluation process, aiming to organise the evaluated study programme as provided by the law.

Presentation of the state of facts, supported by documents and data (documents preferably included through links in the body of the IER)

Both the university and the faculty have consistently followed external evaluation procedures. The last external quality assessment of the Mathematics Doctoral University Study Field took place in 2021, assessment for accreditation, and 2024 – Progress Report.

Recommendations: N/A

The indicator is: fulfilled.

IV. SWOT Analysis

Strengths:		Weaknesses:
After getting the PhD title, the former students get full-time positions at UNITBV or elsewhere. UNITBV has a very stimulating policy of rewarding research publications UNITBV offers substantial financial support to PhD students and doctoral supervisors.	INTERNAL FACTORS	The low number of suitable internal candidates interested to pursue doctoral studies in mathematics The difficulty of obtaining research grants in the field of Mathematics. The existence of a relatively low number of specialists in each research direction.
SWOT analysis		

Opportunities: The increasing role of mathematics in AI, data science and the modelling of phenomena, which may attract motivated doctoral students and interdisciplinary collaborations. The growing demand for graduates of study programs in the field of Mathematics to fill top positions in research and education.	 EXTERNAL FACTORS	**Threats:** The continuous process of decreasing the mathematical knowledge of high school graduates. Unstable legislation for the higher education system in Romania. Insufficient funding of scientific research in higher education, with impact on the sustainability of projects and academic visibility. The very low number of research project calls at national level.

V. Extent to which the standards and performance indicators are fulfilled, and recommendations

No.	Performance Indicator	Extent to which it was fulfilled (F/PF/UF)	Recommendations
DOMAIN A. Institutional capacity			
1.	**I.P.A.1.1.1** For delivering the study programme/domain, the HEI has adequate organisational components and an adequate management system, which operate based on methodologies, regulations and procedures that are periodically reviewed as required by law.	F	
2.	**I.P.A.1.2.1** The opinions of the faculty and department members, of the subsidiary or extension and of other stakeholders are considered in the process of adopting and revising methodologies, regulations and implementation procedures.	F	
3.	**I.P.A.2.1.1** The HEI legally owns venues for the related education, research and administrative processes, as well as for services for students, doctoral students and trainees, thus providing an enabling environment for living and studying, including for disabled persons. Optimal venues are also provided for activities of the staff. Such venues are adequately equipped.	F	
4.	**I.P.A.2.2.1** The movable and immovable assets are properly maintained to ensure	F	

No.	Performance Indicator	Extent to which it was fulfilled (F/PF/UF)	Recommendations
	optimal conditions for studying, living and research, as well as for work.		
5.	I.P.A.3.1.1 The human resources of the organisational component are suitable to perform the activities pertaining to the evaluated study programme/domain. The teaching staff has the required qualifications and professional competences to teach the subject matters assigned to them in the job list.	F	
6.	I.P.A.3.1.2 The HEI ensures professional and personal development for its staff.	F	
7.	I.P.A.3.2.1 Recruitment procedures comply with the provisions of the law, and are established and carried out transparently.	F	
8.	I.P.A.4.1.1 The organisational component uses IT tools in its own procedures, to improve access and provide good quality services for the members of its own community and the indirect beneficiaries of education.	F	
DOMAIN B. Educational efficacy			
9.	I.P.B.1.1.1 The study programme is developed and structured according to the expected learning outcomes, and organised based on transferable study credits. It includes all learning, teaching, practical training, research and evaluation experiences, which, together, lead to a higher education qualification.	F	
10.	I.P.B.2.1.2 The expected learning outcomes are correlated with the competences required by those occupations, according to the occupational standards and/or the European Skills, Competences and Occupations (ESCO).	F	
11.	I.P.B.3.1.1 The organisational component ensures implementation of the student-centred learning in the curriculum and through the teaching strategies used in the learning and teaching activities and experiences.	F	
12.	I.P.B.3.1.2 The organisational component ensures opportunities for students to participate in academic mobility programmes organised in person and/or virtually.	F	
13.	I.P.B.3.2.1 The organisational component provides fair opportunities for students, in line with their potential and aspirations, taking into account the diversity of learning styles and abilities.	F	
14.	I.P.B.4.1.1 The organisational component provides students, including those with special educational needs/disabilities, with access to resources and services designed to support the learning process, adequate for the individual learning needs, the study domain, the study	F	Increasing computing power and expanding mathematical software packages access.

No.	Performance Indicator	Extent to which it was fulfilled (F/PF/UF)	Recommendations
	cycle, and the form of organisation of the study programme.		
15.	I.P.B.5.1.1 Learning outcomes are adequately described, and they support understanding of the students' and teachers' expectations regarding the content of the subject matters in the curriculum.	F	To put more emphasis to develop transversal skills, e.g. leadership, communication, working in teams etc.
16.	I.P.B.5.1.2 Achievement of the learning outcomes is checked in ongoing examinations and study completion exams.	F	
17.	I.P.B.7.1.1 The organisational component applies the admission procedures.	F	
18.	I.P.B.7.1.2 Admission in higher education study programmes complies with the principles of fairness and equal opportunities, and with the establishing of support measures to ensure access of vulnerable groups at social and educational risk, including candidates with special educational needs and/or disabilities.	F	
19.	I.P.B.7.2.1 The organisational component applies the regulations concerning the students' professional activity.	F	
20.	I.P.B.8.1.1 The organisational component carries out international cooperation actions supporting mobility of the members of its own community and collaboration in academic and research activities.	F	
21.	I.P.B.9.1.1 Learning based on scientific investigation and research results support and are capitalised upon in achieving the learning outcomes envisaged through the study programme.	F	
22.	I.P.B.9.2.1 The results of scientific research are visible at national and international level in that scientific domain, and capitalised upon in an adequate manner.	F	
DOMAIN C. Quality management			
23.	I.P.C.1.1.1 The organisational component consistently applies the procedures, and proves their impact on quality assurance.	F	
24.	I.P.C.1.2.1 The opinions of the members of its own community and of other stakeholders are taken into account in the procedure implementation process.	F	
25.	I.P.C.2.2.2. The academic ethics commission operates based on the regulation approved by the University Senate, and performs actions that are compliant with the law, independently from any other structure or person in the higher education institution.	F	

No.	Performance Indicator	Extent to which it was fulfilled (F/PF/UF)	Recommendations
26.	**I.P.C.3.1.1** The organisational component consistently applies the procedures, and proves their impact on quality assurance.	F	Consolidating the three questionnaires administered to students into a single one.
27.	**I.P.C.3.1.2** Members of its own community and other stakeholders are involved in the procedure implementation process.	F	
28.	**I.P.C.4.1.1** The organisational component analyses the results of the students' biannual evaluation of teachers.	F	Distributing and discussing the periodic evaluation results with the students.
29.	**I.P.C.5.1.1** The organisational component systematically collects and analyses data required for the internal quality assurance process.	F	
30.	**I.P.C.6.1.1** The organisational component ensures publication and access to information of public interest regarding the evaluated study programme.	F	- Update the English version of the website. - Leverage the digital channels and social media to increase the program's visibility and promote the achievements of students and alumni, which could lead to a larger number of applicants, particularly from abroad.
31.	**I.P.C.6.1.2** The organisational component ensures transparent decision-making processes.	F	
32.	**I.P.C.8.1.1** The organisational component carries out the procedures pertaining to the external quality evaluation process, aiming to organise the evaluated study programme as provided by the law.	F	

Summary Table of Performance Indicators – Degree of Fulfillment

Evaluation Domain	Number of Performance Indicators		
	Fulfilled	Partially fulfilled	Unfulfilled
Domain A. Institutional capacity	8	-	-
Domain B. Educational efficacy	14	-	-
Domain C. Quality management	10	-	-
Total	32	-	-

VI. Conclusions

Following the periodic evaluation procedure, the on-site visit and the preparation of the EER, it resulted that all performance indicators are met. Therefore, the external evaluation committee proposes

a) maintaining accreditation (MAC);

for the Doctoral Study Domain of Mathematics at the "Transilvania" University of Brasov.

VII. Annexes

1) The schedule of the on-site visit.
2) Meetings minutes

Intervalul orar/ *Hour*	Activităţi de evaluare/ *Evaluation activities*	Participanţi/ *Participants*	Locaţie/*Location* /Listă participanţi/*List of Participants*
Ziua întâi / *Day no. 1* Duminică / *Sunday*, 20.09.2026			
17:00-17:45	Discuţii tehnice în cadrul comisiei de experţi în evaluarea externă a calităţii/ *Technical discussions within the expert committee for external quality evaluation*	- Comisia de experţi evaluatori ai ARACIS/ *Panel members*	Sala/Locaţia/ **Room/Location PI9**
Ziua a doua / *Day no. 2* Luni / *Monday*, 21.09.2026			
8:30 - 9:00	Discuţii tehnice în cadrul comisiei de experţi în evaluarea externă a calităţii/ *Technical discussions within the expert committee for external quality evaluation*	- Comisia de experţi evaluatori ai ARACIS/ *Panel members*	Sala/Locaţia/ **Room/Location PI9**
9:00 - 9:50	Întâlnirea comisiei de experţi în evaluarea externă a calităţii cu **reprezentanţii conducerii componentei organizatorice/** *Meeting of the external quality evaluation experts' panel with the representatives of the management of the organisational component*	- Comisia de experţi evaluatori ai ARACIS/ *Panel members* - Reprezentanţi ai conducerii componentei organizatorice aferente domeniului de studii de doctorat evaluat/ *Representatives of the management of the organisational component* - Persoana de contact/ *Contact person*	Sala/Locaţia/ **Room/Location PI9** Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**: - Conf. univ. dr. S. G. I.– decan Facultatea de Matematică şi Informatică/Dean of the Faculty of Mathematics and Computer Science - Conf. univ. dr. M. N. – Director al Departamentului de Matematică şi Informatică/ Director of thr Drpartment of Mathematics and Computer Science - Prof. univ. dr P. R. - Coordonator al Domeniului Matematică din cadrul Şcolii Doctorale Interdisciplinare (SDI)/ Coordinator of the Mathematics Field

Intervalul orar/ *Hour*	Activităţi de evaluare/ *Evaluation activities*	Participanţi/ *Participants*	Locaţie/*Location* /Listă participanţi/*List of Participants*
			within the Interdisciplinary Doctoral School (IDS)
9:50 - 10:00	Pauză/ *Break*		
10:00 – 10:45	Întâlnirea comisiei de experţi evaluatori în evaluarea externă a calităţii cu **echipa care a realizat raportul de evaluare internă (REI)**/ *Meeting of the external quality evaluation experts' panel with the team that has drafted the internal evaluation report*	- Comisia de experţi evaluatori ai ARACIS/ *Panel members* - Echipa care a realizat REI/ *Team that has drafted the IER*	Sala/Locaţia/ **Room/Location PI9** Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**:: - Prof. univ. dr. P. R. – Coordonator al Domeniului Matematică din cadrul Şcolii Doctorale Interdisciplinare (SDI)/ Coordinator of the Mathematics Field within the Interdisciplinary Doctoral School (IDS) - Prof. univ. dr. M. R. – Coordonator al Centrului de Cercetare al Facultăţii de Matematică şi informatică/ Coordinator of the Research Center of the Faculty of Mathematics and Computer Science - Conf. univ. dr. M. N. -Director al Departamentului de Matematică şi Informatică/ Director of thr Drpartment of Mathematics and Computer Science
10:45-11:15	Vizitarea bazei materiale/ *Visiting the material resources*	- Comisia de experţi evaluatori ai ARACIS/ *Panel members* - Reprezentanţi ai instituţiei sau Academiei Române, după caz/ *Representatives of the HEI or the Romanian Academy, as applicable*	Corp P/Building P

Intervalul orar/ *Hour*	Activități de evaluare/ *Evaluation activities*	Participanți/ *Participants*	Locație/*Location* /Listă participanți/*List of Participants*
11:15-12:00	Discuții tehnice în cadrul comisiei de experți în evaluarea externă a calității/ *Technical discussions within the expert committee for external quality evaluation*	- Comisia de experți evaluatori ai ARACIS/ *Panel members*	Sala/Locația/ **Room/Location PI9**
12:00-13:00	Întâlnirea comisiei de experți în evaluarea externă a calității cu **personalul didactic** implicat în activitățile din cadrul DSUD/ *Meeting of the external quality evaluation experts' panel with the teaching staff involved in the activities within the DSUD*	- Comisia de experți evaluatori ai ARACIS/ *Panel members* - Cadre didactice conducători de doctorat/ *Teaching staff who are PhD supervisors*	Sala/Locația/ **Room/Location PI9** Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**:: - Prof. univ. dr. P. R. – Coordonator al Domeniului Matematică din cadrul Școlii Doctorale Interdisciplinare (SDI)/ Coordinator of the Mathematics Field within the Interdisciplinary Doctoral School (IDS) - Prof. univ. dr. M. M. – conducător de doctorat/PhD supervisor - Prof. univ. dr. M. R. – conducător de doctorat/PhD supervisor - Prof. univ. dr. P. M. N. - conducător de doctorat/PhD supervisor -Prof. univ. dr. V. N. - conducător de doctorat/PhD supervisor
13:00-14:00	Pauză de prânz / *Lunch*		
14:00-14:50	Întâlnirea comisiei de experți în evaluarea externă a calității cu reprezentanți ai structurilor organizatorice în domeniul asigurării calității/ *Meeting of the external quality evaluation experts'*	- Comisia de experți evaluatori ai ARACIS/ *Panel members* - Reprezentanți ai structurilor organizatorice în domeniul asigurării	Sala/Locația/ **Room/Location PI9** Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**::

Intervalul orar/ *Hour*	Activități de evaluare/ *Evaluation activities*	Participanți/ *Participants*	Locație/*Location* /Listă participanți/*List of Participants*
	panel with representatives of the quality assurance organisational structures	calității/ *Representatives of quality assurance organisational structures*	- Ing. L. M. G. – reprezentant al Oficiului de Asigurare a Calității/ Quality Assurance Office representative - Lect. univ. dr. N. C. Ş. – coordonator CEAC-D/ CEAC-D Coordinator - Prof. univ. dr. P. R. – resposabil cu calitatea/ Quality Manager / Quality Officer - Drd. B. C. – student doctorand responsabil cu calitatea/ PhD student responsible for quality
14:50-15:30	Întâlnirea comisiei de experți în evaluarea externă a calității cu **angajatori** ai absolvenților DSUD/ *Meeting of the external quality evaluation experts' panel with employers*[1] *of the DSUD alumni*	- Comisia de experți evaluatori ai ARACIS/ *Panel members* - Angajatori/ *Employers*	Sala/Locația/ **Room/Location PI9** Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**:: - Conf. univ. dr. M. N. -Director al Departamentului de Matematică și Informatică/ Director of thr Drpartment of Mathematics and Computer Science - Prof. Z.-A. F. – inspector școlar matematică/ Mathematics school inspector - Ing. O. M. – reprezentant firma Kronsoft/ Kronsoft company representative
15:30-16:20	Pauză/ *Break*		

[1] Avoid inviting employers who are also staff of the HEI or members of the Romanian Academy, as applicable.

Intervalul orar/ *Hour*	Activități de evaluare/ *Evaluation activities*	Participanți/ *Participants*	Locație/*Location* /Listă participanți/*List of Participants*
16:20-17:20	Întâlnirea comisiei de experți în evaluarea externă a calității cu **studenți**[2] **doctoranzi** din cadrul DSUD/ *Meeting of the external quality evaluation experts' panel with doctoral students of the DSUD*	- Comisia de experți evaluatori ai ARACIS/ *Panel members* - Studenți doctoranzi/ *Doctoral students*	Sala/Locația/ **Room/Location PI9** Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**:: - Drd. A. B.-C. – anul III/3rd year - Drd. A. I.a – anul II/second year - Drd. B. C. – anul I/first year - Drd H. O. M. – anul II/second year - Drd NEAGU D. M.– anul V/year 5 - Drd. B. A.M.– anul II/ second year - Drd. B. D.-M.- anul III/3rd year
17:20-18:10	Întâlnirea comisiei de experți în evaluarea externă a calității cu **absolvenți**[3],[4] ai DSUD/ *Meeting of the external quality evaluation experts' panel with alumni*[5] *of the DSUD*	- Comisia de experți evaluatori ai ARACIS/ *Panel members* - Absolvenți ai domeniului de studii evaluat/ *Graduates*	Sala/Locația/ **Room/Location PI9** Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**:: - Drd. P.-P. E. - an absolvire 2016/year of graduation 2016 - Dr. F. (S.) A. - an absolvire 2018/year of graduation 2018 - Dr. S. M. – an absolvire 2022/year of graduation 2022 - Dr. P. C. M. – an absolvire 2024/year of graduation 2024

[2] Nu este obligatorie în cazul autorizării domeniilor de studii universitare de doctorat/ It is not mandatory in the case of authorization of doctoral university study domain.
[3] Se va evita invitarea absolvenților care sunt angajați ai IÎS sau ai OFE, după caz.
[4] Nu este obligatorie în cazul autorizării domeniilor de studii universitare de doctorat

[5] Avoid inviting alumni who are also staff of the HEI or members of the Romanian Academy, as applicable.

Intervalul orar/ *Hour*	Activităţi de evaluare/ *Evaluation activities*	Participanţi/ *Participants*	Locaţie/*Location* /Listă participanţi/*List of Participants*
			- Dr. M.D. – an absolvire 2024/year of graduation 2024 - Dr. G. Ş.-L. – an absolvire 2025/year of graduation 2025 - Dr. V. B. I. – an absolvire 2025/year of graduation 2025 - Dr. F. I.M. - an absolvire 2025/year of graduation 2025
18:10-19:00	**Întâlnirea tehnică** a comisiei de experţi evaluatori (Activitate în colaborare pentru concluzii legate de intalnirile avute)/ *Technical meeting of the expert evaluation panel (Collaborative activity for clarifying the aspects discussed that day)*	- Comisia de experţi evaluatori ai ARACIS/ *Panel members*	Sala/Locaţia/ **Room/Location PI9**
Ziua a 3-a / *Day no. 3* Marţi / *Tuesday*, 22.09.2026			
9:00 - 10:00	**Întâlnirea tehnică** a comisiei de experţi evaluatori (Activitate în colaborare pentru clarificarea aspectelor prezentate în REI)/ *Technical meeting of the expert evaluation panel (Collaborative activity for clarifying the aspects presented in the Internal Evaluation Report - IER)*	- Comisia de experţi evaluatori ai ARACIS/ *Panel members*	Sala/Locaţia/ **Room/Location PI9**
10:00 - 11:00	Întâlnirea comisiei de experţi în evaluarea externă a calităţii cu **responsabilii centrelor/laboratoarelor de cercetare** / *Meeting of the external quality evaluation experts' panel with the staff in charge with the research centres/laboratories*	- Comisia de experţi evaluatori ai ARACIS/ *Panel members* - Responsabilii centrelor/laboratoarelor de cercetare/ *Staff in charge with research centres/laboratories*	Sala/Locaţia/ **Room/Location PI9** Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**:: - Prof. univ. dr. M. R. – Coordonator al Centrului de Cercetare al Facultăţii de Matematică şi informatică/ Coordinator of

Intervalul orar/ *Hour*	Activităţi de evaluare/ *Evaluation activities*	Participanţi/ *Participants*	Locaţie/*Location* /Listă participanţi/*List of Participants*
			the Research Center of the Faculty of Mathematics and Computer Science - Prof.univ.dr. P. R. – Coordonator grup de cercetare Analiză şi Algebră/ Coordinator of the Analysis and Algebra Research Group - Prof. univ.dr. M. M. – Coordonator grup de cercetare Matematici Aplicate/ Applied Mathematics Research Group Coordinator - Prof.univ.dr. P. O.– Coordonator grup de cercetare Puncte fixe şi aplicaţii/ Coordinator of the Fixed Points and Applications Research Group -Prof.univ.dr. V. N. - Coordonator grup de cercetare Geometrie/ Geometry Research Group Coordinator
11:00 - 12:00	Întâlnirea comisiei de experţi în evaluarea externă a calităţii cu membri ai **Comisiei de etică universitară/** *Meeting of the experts panel with members of the University Ethics Committee*	- Comisia de experţi evaluatori ai ARACIS/ *Panel members* - Membri ai Comisiei de etică universitară/ *Members of the University Ethics Committee*	Sala/Locaţia/ **Room/Location PI9** Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**:: - Jr. A. C.-L. – membru al Comisiei de etică universitară
12:00-13:00	Întâlnirea membrilor comisiei de experţi evaluatori cu reprezentanţii conducerii IÎS sau a OFE, după caz şi ai conducerii componentei organizatorice pentru comunicarea concluziilor procesului de evaluare/ *Meeting of the members of the expert evaluators' panel with representatives of the management of the HEI or the EP, as applicable,*	- Comisia de experţi evaluatori ai ARACIS/ *Panel members* - Reprezentanţi ai conducerii şi ai domeniului de studii evaluat/ *Representatives of the management* - Persoana de contact*/ Contact person*	Sala/Locaţia/ **Room/Location PI9** Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**:: - Conf. univ. dr. S. G..l l.– decan Facultatea de Matematică şi Informatică/Dean of the Faculty of Mathematics and Computer Science

Intervalul orar/ *Hour*	Activităţi de evaluare/ *Evaluation activities*	Participanţi/ *Participants*	Locaţie/*Location* /Listă participanţi/*List of Participants*
	and management of the organisational component, to communicate the conclusions of the evaluation process		- Conf. univ. dr. M. N. – Director al Departamentului de Matematică şi Informatică/ Director of thr Drpartment of Mathematics and Computer Science - Prof. univ. dr P. R. - Coordonator al Domeniului Matematică din cadrul Şcolii Doctorale Interdisciplinare (SDI)/ Coordinator of the Mathematics Field within the Interdisciplinary Doctoral School (IDS)
13:00-14:00	Pauză de prânz / *Lunch*		
14:30-15:30	Întâlnirea comisiei de experți în evaluarea externă a calității cu **reprezentanţi ai conducerii componentei organizatorice/persoana de contact/reprezentanţi ai CEAC/reprezentanţi ai structurilor organizatorice în domeniul asigurării calităţii**[6]/ *Meeting of the external quality evaluation experts' panel with representatives of the organisational component / contact person / representatives of the CEAC / representatives of quality assurance organisational structures*	- Comisia de experți evaluatori ai ARACIS/ *Panel members* - Reprezentanți ai conducerii / reprezentanți ai CEAC / reprezentanți ai structurilor organizatorice în domeniul asigurării calității/ *Representatives of the management / representatives of the CEAC / representatives of the quality assurance organisational structures* - Persoana de contact/ *Contact person*	Sala/Locația/ **Room/Location PI9** Lista persoanelor care vor participa la întâlnire/ **List of participants attending the meeting**:: - Conf. univ. dr. S. G. I.– decan Facultatea de Matematică şi Informatică/Dean of the Faculty of Mathematics and Computer Science - Conf. univ. dr. M. N. – Director al Departamentului de Matematică şi Informatică/ Director of thr Drpartment of Mathematics and Computer Science - Lect. univ. dr. N. C. Ş. – coordonator CEAC-D/ CEAC-D Coordinator - Prof. univ. dr P. R. - Coordonator al Domeniului Matematică din cadrul SDI/

[6] Clarificarea unor aspecte rezultate din activitățile și discuțiile desfășurate pe parcursul efectuării vizitei, dacă se impune

Intervalul orar/ *Hour*	Activități de evaluare/ *Evaluation activities*	Participanți/ *Participants*	Locație/*Location* /Listă participanți/*List of Participants*
			Coordinator of the Mathematics Field within the Interdisciplinary Doctoral School